

SHARP®

AQUOS

LIQUID CRYSTAL TELEVISION
TÉLÉVISEUR À CRISTAUX
LIQUIDES
TELEVISOR DE CRISTAL
LIQUIDO

OPERATION MANUAL
MODE D'EMPLOI
MANUAL DEL USUARIO

- Please choose your favorite page from the content.
If you want to close the operation manual, press the **EXIT** button.
Also, if you want to return to the previously displayed page, press the **RETURN** button.
- Veuillez choisir votre page favorite dans le contenu.
Appuyez sur le bouton **EXIT** pour refermer le mode d'emploi. Par ailleurs, appuyez sur le bouton **RETURN** si vous souhaitez revenir à la page précédemment affichée.
- Elija su página favorita entre los contenidos.
Si desea cerrar el manual de instrucciones, pulse el botón **EXIT**. Además, si desea volver a la página mostrada anteriormente, pulse el botón **RETURN**.



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IMPORTANT INFORMATION

IMPORTANT:

To aid reporting in case of loss or theft, please record the TV's model and serial numbers in the space provided. The numbers are located at the rear and left side of the TV.

Model No.:

Serial No.:

DECLARATION OF CONFORMITY:

SHARP LIQUID CRYSTAL TELEVISION, MODEL LC-60LE644U

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

RESPONSIBLE PARTY:

SHARP ELECTRONICS CORPORATION

Sharp Plaza, Suite 1 Mahwah, NJ 07495-1123 U.S.A

TEL: 1-800-BE-SHARP

For Business Customers: URL <http://www.sharpsusa.com>

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.



The lightning flash with arrow-head symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within a triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

CAUTION: TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

WARNING: FCC Regulations state that any unauthorized changes or modifications to this equipment not expressly approved by the manufacturer could void the user's authority to operate this equipment.

CAUTION: This product satisfies FCC regulations when shielded cables and connectors are used to connect the unit to other equipment. To prevent electromagnetic interference with electric appliances such as radios and televisions, use shielded cables and connectors for connections.

INFORMATION:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

IMPORTANT INFORMATION

FCC Compliance Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Wireless Radio

For product available in the USA/Canada market, only channel 1–11 can be operated. Selection of other channels is not possible. This device is going to be operated in 2.4 GHz frequency range, it is restricted in indoor environment only.

Important: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC Radiation Exposure Statement: This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Industry Canada Statement

CAN ICES-3 (B)/NMB-3(B)

Standard Television Receiving Apparatus — Appareil de réception télévision ordinaire, Canada BETS-7 / NTMR-7.

Wireless Radio

For product available in the USA/Canada market, only channel 1–11 can be operated. Selection of other channels is not possible.

The device could automatically discontinue transmission in case of absence of information to transmit, or operational failure.

Note that this is not intended to prohibit transmission of control or signaling information or the use of repetitive codes where required by the technology.

Important: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

IC Radiation Exposure Statement: This device complies with IC RSS-210 rules; Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept interference received, including interference that may cause undesired operation.

"Note to CATV system installer: This reminder is provided to call the CATV system installer's attention to Article 820 of the National Electrical Code that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical."

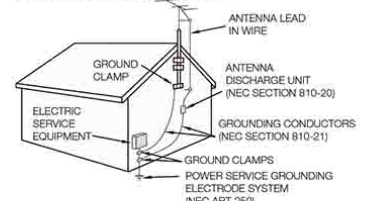
This product qualifies for ENERGY STAR when "Home" is selected for "Easy setup". Setting "Easy setup" to "Home" allows the TV to achieve an energy-saving status for household use.

Manufactured under licence from Dolby Laboratories.
Dolby and the double-D symbol are trademarks of Dolby Laboratories.

- **Outdoor Antenna Grounding** — If an outside antenna is connected to the television equipment, be sure the antenna system is grounded so as to provide some protection against voltage surges and built-up static charges.

Article 810 of the National Electrical Code, ANSI/NFPA 70, provides information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.

EXAMPLE OF ANTENNA GROUNDING AS PER NATIONAL ELECTRICAL CODE, ANSI/NFPA 70



NEC — NATIONAL ELECTRICAL CODE

DEAR SHARP CUSTOMER

Thank you for your purchase of the Sharp Liquid Crystal Television. To ensure safety and many years of trouble-free operation of your product, please read the Important Safety Instructions carefully before using this product.

IMPORTANT SAFETY INSTRUCTIONS

Electricity is used to perform many useful functions, but it can also cause personal injuries and property damage if improperly handled. This product has been engineered and manufactured with the highest priority on safety. However, improper use can result in electric shock and/or fire. In order to prevent potential danger, please observe the following instructions when installing, operating and cleaning the product. To ensure your safety and prolong the service life of your Liquid Crystal Television, please read the following precautions carefully before using the product.

- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water.
- 6) Clean only with dry cloth.
- 7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11) Only use attachments/accessories specified by the manufacturer.
- 12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- 13) Unplug this apparatus during lightning storms or when unused for long periods of time.
- 14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.



Additional Safety Information

- 15) **Power Sources**—This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For products intended to operate from battery power, or other sources, refer to the operating instructions.
- 16) **Overloading**—Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.
- 17) **Object and Liquid Entry**—Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.
- 18) **Damage Requiring Service**—Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - a) When the AC cord or plug is damaged,
 - b) If liquid has been spilled, or objects have fallen into the product,
 - c) If the product has been exposed to rain or water,
 - d) If the product does not operate normally by following the operating instructions.Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.
- e) If the product has been dropped or damaged in any way, and

IMPORTANT SAFETY INSTRUCTIONS

- f) When the product exhibits a distinct change in performance - this indicates a need for service.
- 19) **Replacement Parts**—When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.
- 20) **Safety Check**—Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.
- 21) **Wall or ceiling mounting**—When mounting the product on a wall or ceiling, be sure to install the product according to the method recommended by the manufacturer.

- Do not install this equipment in a confined or building-in space such as a book case or similar unit, and remain a well ventilation conditions at open site.
- **WARNING** : To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. The apparatus shall not be exposed to dripping or splashing and that objects filled with liquids, such as vases, shall not be placed on apparatus.
- **WARNING**: The battery (battery or batteries or battery pack) shall not be exposed to excessive heat such as sunshine, fire or the like.
- **WARNING**: The mains plug is used as disconnect device, the disconnect device shall remain readily operable.

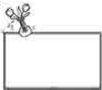


This equipment is a Class II or double insulated electrical appliance. It has been designed in such a way that it does not require a safety connection to electrical earth.

- **Water and Moisture** — Do not use this product near water - for example, near a bath tub, wash bowl, kitchen sink, or laundry tub; in a wet basement; or near a swimming pool; and the like.
- **Stand** — Do not place the product on an unstable cart, stand, tripod or table. Placing the product on an unstable base can cause the product to fall, resulting in serious personal injuries as well as damage to the product. Use only a cart, stand, tripod, bracket or table recommended by the manufacturer or sold with the product. When mounting the product on a wall, be sure to follow the manufacturer's instructions. Use only the mounting hardware recommended by the manufacturer.
- **Selecting the location** — Select a place with no direct sunlight and good ventilation.
- **Ventilation** — The vents and other openings in the cabinet are designed for ventilation. Do not cover or block these vents and openings since insufficient ventilation can cause overheating and/or shorten the life of the product. Do not place the product on a bed, sofa, rug or other similar surface, since they can block ventilation openings. This product is not designed for built-in installation; do not place the product in an enclosed place such as a bookcase or rack, unless proper ventilation is provided or the manufacturer's instructions are followed.
- The front panel used in this product is made of glass. Therefore, it can break when the product is dropped or applied with impact. Be careful not to be injured by broken glass pieces in case the panel breaks.
- **Heat** — The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.
- The Liquid Crystal panel is a very high technology product with 2,073,600 pixels, giving you fine picture details. Occasionally, a few non-active pixels may appear on the screen as a fixed point of blue, green or red. Please note that this does not affect the performance of your product.
- **Lightning** — For added protection for this television equipment during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna. This will prevent damage to the equipment due to lightning and power-line surges.
- **Power Lines** — An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.
- To prevent fire, never place any type of candle or flames on the top or near the TV set.
- To prevent fire or shock hazard, do not place the AC cord under the TV set or other heavy items.

IMPORTANT SAFETY INSTRUCTIONS

- Do not display a still picture for a long time, as this could cause an afterimage to remain.
- To prevent fire or shock hazard, do not expose this product to dripping or splashing. No objects filled with liquids, such as vases, should be placed on the product.
- Do not insert foreign objects into the product. Inserting objects in the air vents or other openings may result in fire or electric shock. Exercise special caution when using the product around children.



Precautions when transporting the TV

- When transporting the TV, never carry it by holding or otherwise putting pressure onto the display. Be sure to always carry the TV by two people holding it with two hands.



Caring for the cabinet

- Use a soft cloth (cotton, flannel, etc.) and gently wipe the surface of the cabinet.
 - Using a chemical cloth (wet/dry sheet type cloth, etc.) may deform the components of the main unit cabinet or cause cracking.
 - Wiping with a hard cloth or using strong force may scratch the surface of the cabinet.
 - If the cabinet is very dirty, wipe with a soft cloth (cotton, flannel, etc.) soaked in neutral detergent diluted with water and thoroughly wrung out, and then wipe with a soft dry cloth.
 - Avoid using benzene, thinner, and other solvents, as these may deform the cabinet and cause the paint to peel off.
 - Do not apply insecticides or other volatile liquids.
- Also, do not allow the cabinet to remain in contact with rubber or vinyl products for a long period of time. Plasticizers inside the plastic may cause the cabinet to deform and cause the paint to peel off.

Caring for the front panel

- Turn off the main power and unplug the AC cord from the wall outlet before handling.
- Gently wipe the surface of the front panel with a soft cloth (cotton, flannel, etc.). To protect the front panel, do not use a dirty cloth, liquid cleaners, or a chemical cloth (wet/dry sheet type cloth, etc.). This may damage the surface of the front panel.
- Wiping with a hard cloth or using strong force may scratch the surface of the front panel.
- Use a soft damp cloth to gently wipe the front panel when it is really dirty. (It may scratch the surface of the front panel when wiped strongly.)
- If the front panel is dusty, use an anti-static brush, which is commercially available, to clean it.
- To avoid scratching the frame or screen, please use a soft, lint free cloth for cleaning. Approved cleaning cloths are available directly from Sharp in single (00Z-LCD-CLOTH) or triple (00Z-LCD-CLOTH-3) packs. Call 1-800-BE-SHARP for ordering, or VISIT <http://www.sharpusa.com/SharpDirect>.



CHILD SAFETY:

PROPER TELEVISION PLACEMENT MATTERS



THE CONSUMER ELECTRONICS INDUSTRY CARES

- Manufacturers, retailers and the rest of the consumer electronics industry are committed to making home entertainment safe and enjoyable.
- As you enjoy your television, please note that all televisions – new and old – must be supported on proper stands or installed according to the manufacturer's recommendations. Televisions that are inappropriately situated on dressers, bookcases, shelves, desks, speakers, chests, carts, etc., may fall over, resulting in injury.

TUNE IN TO SAFETY

- **ALWAYS** follow the manufacturer's recommendations for the safe installation of your television.
- **ALWAYS** read and follow all instructions for proper use of your television.
- **NEVER** allow children to climb on or play on the television or the furniture on which the television is placed.
- **NEVER** place the television on furniture that can easily be used as steps, such as a chest of drawers.
- **ALWAYS** install the television where it cannot be pushed, pulled over or knocked down.
- **ALWAYS** route cords and cables connected to the television so that they cannot be tripped over, pulled or grabbed.

WALL OR CEILING MOUNT YOUR TELEVISION

- **ALWAYS** contact your retailer about professional installation if you have any doubts about your ability to safely mount your television.
- **ALWAYS** use a mount that has been recommended by the television manufacturer and has a safety certification by an independent laboratory (such as UL, CSA, ETL).
- **ALWAYS** follow all instructions supplied by the television and mount manufacturers.
- **ALWAYS** make sure that the wall or ceiling where you are mounting the television is appropriate. Some mounts are not designed to be mounted to walls and ceilings with steel studs or cinder block construction. If you are unsure, contact a professional installer.
- Televisions can be heavy. A minimum of two people is required for a wall or ceiling mount installation.

MOVING AN OLDER TELEVISION TO A NEW PLACE IN YOUR HOME

- Many new television buyers move their older CRT televisions into a secondary room after the purchase of a flat-panel television. Special care should be made in the placement of older CRT televisions.
- **ALWAYS** place your older CRT television on furniture that is sturdy and appropriate for its size and weight.
- **NEVER** place your older CRT television on a dresser where children may be tempted to use the drawers to climb.
- **ALWAYS** make sure your older CRT television does not hang over the edge of your furniture.

CE.org/safety



IMPORTANT SAFETY INSTRUCTIONS

Wireless LAN

This TV has received the following certifications:
- Wi-Fi CERTIFIED™ (certification program from the Wi-Fi Alliance®)

FCC

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. To comply with the FCC RF exposure compliance requirements, this device and its antenna must not be co-located or operated in conjunction with any other antenna or transmitter.

The device for the band 2412-2484 MHz is only for indoor usage to reduce potential for harmful interference to co-channel mobile satellite systems;

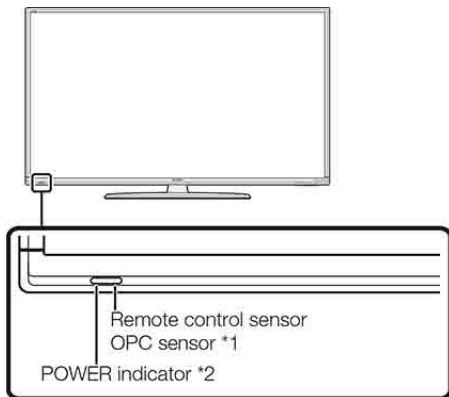
The maximum antenna gain permitted (for devices in the bands 2412-2484 MHz) to comply with the e.i.r.p. limit; and High-power radars are allocated as primary users (meaning they have priority) of the bands 2412-2484 MHz and these radars could cause interference and/or damage to LE-LAN devices.

Part Names

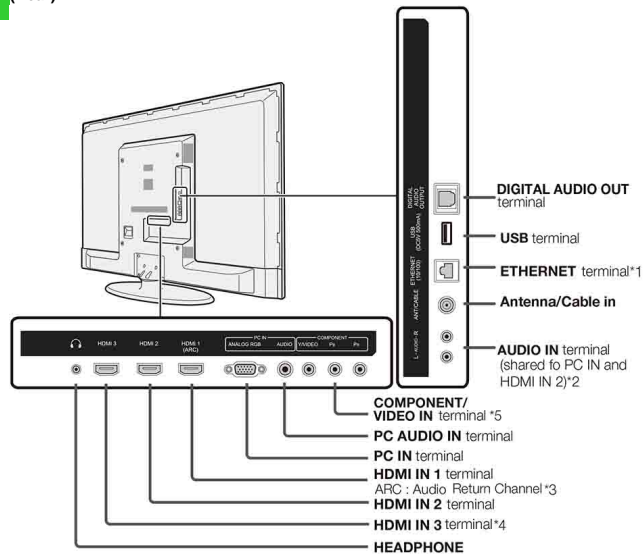
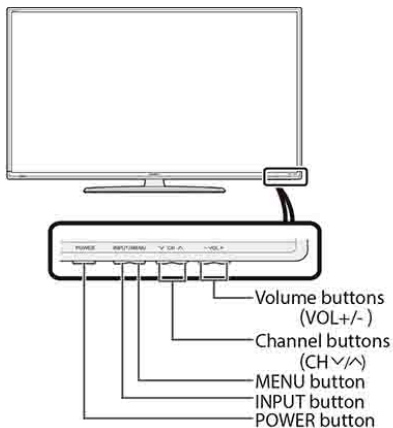
TV

(Rear)

(Front)



(Front)



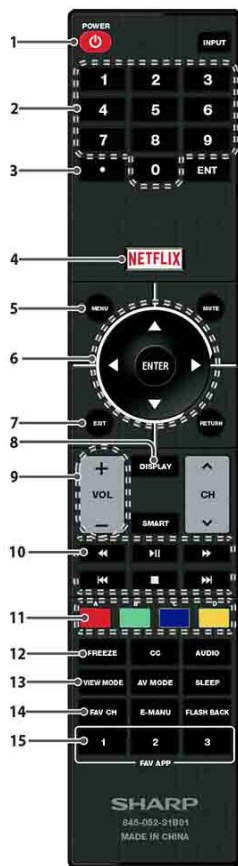
*1 See the Setup Guide.

*5 See [page 4-12](#) for details on the Input Select function.

- The illustrations and on-screen displays in this operation manual are for explanation purposes and may vary slightly from the actual operations.
- The examples used throughout this manual are based on the LC-60LE644U model.

* See [pages 2-1, 4-4](#) for button operations.

Remote Control Unit



1 POWER: Switch the TV power on or enter standby.

2 0-9: Set the channel.

[\(See page 3-1.\)](#)

3 • (DOT): Set the channel.

[\(See pages 3-1.\)](#)

4 NETFLIX: Display the Netflix screen.

If you press the NETFLIX button when the TV is turned off, the TV turns on and the NETFLIX screen is displayed.

[\(See page 3-7.\)](#)

5 MENU: Display the menu screen.

[\(See page 4-1.\)](#)

6 ▲/▼/◀/▶, ENTER: Select a desired item on the screen.

7 EXIT: Turn off the menu screen.

8 DISPLAY: Display the channel information.

9 VOL+/-: Set the volume.

[\(See page 3-2.\)](#)

10 External equipment operational buttons: Operate the external equipment.

11 A, B, C, D: Select 4 preset favorite channels in 4 different categories.

While watching, you can toggle the selected channels by pressing A, B, C and D.

12 FREEZE: Set the still image. Press again to return to normal screen.

[\(See page 3-4.\)](#)

13 VIEW MODE: Select the screen size.

[\(See pages 3-14 to 3-16.\)](#)

14 FAV CH: Set the favorite channels.

15 FAV APP 1, 2, 3: You can assign your favorite applications to these buttons.

NOTE

- When using the remote control unit, point it at the TV.

Remote Control Unit (Continue)



16 **INPUT**: Select a TV input source.

[\(See page 2-1.\)](#)

17 **ENT**: Jumps to a channel after selecting with the 0–9 buttons.

18 **MUTE**: Mute the sound.

[\(See page 3-3.\)](#)

19 **RETURN**: Return to the previous menu screen.

20 **CH/VV**: Select the channel.

[\(See page 3-1.\)](#)

21 **SMART**: Display the application window.

[\(See page 3-6.\)](#)

22 **CC**: Display captions from a closed-caption source.

[\(See page 3-12 to 3-13\)](#)

23 **AUDIO**: Selects the MTS/SAP or the audio mode during multichannel audio broadcasts.

[\(See page 3-8.\)](#)

24 **AV MODE**: Select an audio or video setting.

[\(See page 3-10.\)](#)

25 **SLEEP**: Set the sleep timer.

[\(See page 3-9.\)](#)

26 **E-MANU**: Display the operation manual.

27 **FLASH BACK**: Return to the previous channel or external input mode.

[\(See page 3-5.\)](#)

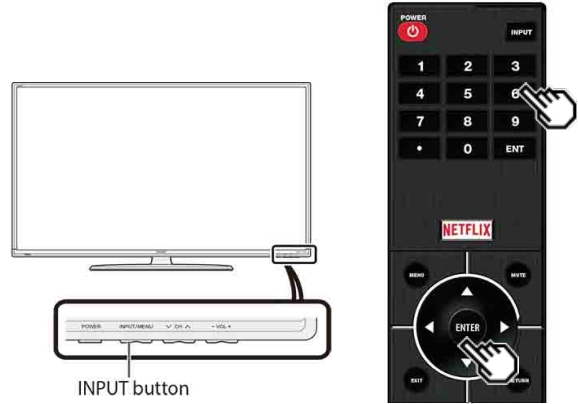
NOTE

- When using the remote control unit, point it at the TV.

Watching TV

Displaying an External Equipment Image

To view external source images, select the input source by pressing **INPUT** on the remote control unit or on the TV.



INPUT button

Example



- 1 Press **INPUT**.
 - The **INPUT** list screen displays.
- 2 Press **▲▼** to select the input source.
 - An image from the selected source automatically displays.
 - If the corresponding input is not plugged in, you cannot change the input. Be sure to connect the equipment beforehand.

- You can also select the input source by pressing **INPUT**.
 - Each time **INPUT** is pressed, the input source toggles.
- TV → HDMI1 → USB → Home Network



Initial Installation

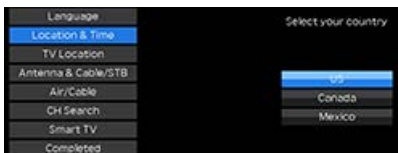
When you turn on the TV for the first time, it will automatically memorize the broadcasting channels available in the region where you live. Perform the following steps before you press **POWER** on the remote control unit.

1. Insert the batteries into the remote control unit.
2. Connect the antenna cable to the TV.
3. Plug in the AC cord to the AC outlet.

Language (Language setting)

Select from among 3 languages: English, French and Spanish.

- 1 Press **▲▼** to select the desired language listed on the screen, and then press **ENTER**.



Location & Time

Make settings for the country, area and time zone where you use the TV.

- 2 Press **▲▼** to select "United States", "Canada" or "Mexico", and then press **ENTER**.



- 3 Press **▲▼** to select the time zone where you are using the TV, and then press **ENTER**.

Example



- The time zone differs depending on the selected country.
- The factory preset value is the time zone for the capital of the selected country.



Initial Installation (Continue)

4 Press ▲▼ to select the Daylight Savings Time, and then press ENTER.

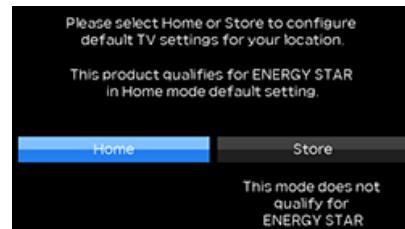


- "Auto" is the default selection.

TV Location

Select "Home" or "Store" for the location where you plan to install the TV. This product qualifies for ENERGY STAR in Home mode default setting.

5 Press ←→ to select "Home" or "Store". Press ENTER to enter the setting.



Home: AV MODE is set to "STANDARD (ENERGY STAR)".

Store: AV MODE is set to "DYNAMIC (Fixed)". Picture Reset and Feature Demo can be set.

Picture Reset: AV MODE will be set to "DYNAMIC (Fixed)" regardless of whether Picture Reset is "On" or "Off".

- If you select "On" and there is no operation for 30 minutes:
 - AV MODE will be reset to "DYNAMIC (Fixed)".
- When "Off" is selected:
 - AV MODE will be set to "DYNAMIC (Fixed)".

Feature Demo: When "On" is selected, after all the settings are completed, the Feature Demo screen is displayed if there is no operation for several minutes.

NOTE

- ENERGY STAR qualification is based on AV MODE "STANDARD (ENERGY STAR)".



Initial Installation (Continue)

Antenna & Cable/STB

Select the type of connection you will use to watch TV.

- 6 Press **◀▶** to select "Antenna & Cable" or "Set-top box", and then press **ENTER**.

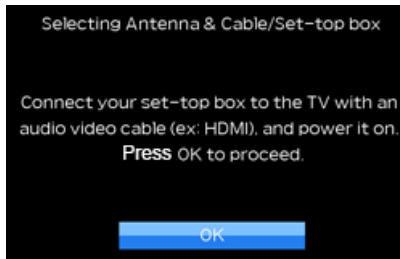


To watch TV via an antenna or cable connection (without using a set-top box):

Select "Antenna & Cable", and then go to step 7.

To watch TV via a set-top box:

- ① Select "Set-top box", and then press **ENTER**.
② Check that the set-top box connected to the TV is on.



- ③ To watch TV, select the input source corresponding to the terminal connected to the set-top box. When doing so, you must make the setting to skip "TV". Press **◀▶** to select "On", and then press **ENTER**.

- When this is set to "On", the channel on the TV cannot be changed using the remote control unit or menu. (e.g. CH **AV**, Favorite CH, etc.)

- ④ Press **INPUT** to select the input source corresponding to the terminal connected to the set-top box. Make the necessary settings on the connected external equipment.
- See the operation manual of the connected equipment for setting up the equipment.

Air/Cable (Antenna setting)

Make sure what kind of connection is made with your TV when selecting "Air" or "Cable".

- 7 Press **◀▶** to select "Air" or "Cable".

Press **ENTER** to enter the setting.





Initial Installation (Continue)

CH Search (Channel search)

Channel auto search makes the TV look for all channels viewable in the set area.

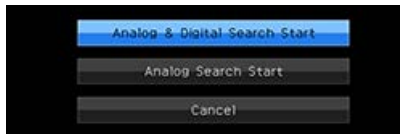
8 When "Air" is selected in Antenna setting:

Press **◀▶** to select "Start", and then press **ENTER**.



When "Cable" is selected in Antenna setting:

① Press **▲▼** to select "Analog & Digital Search Start" to search both analog and digital broadcasts, or to select "Analog Search Start" to search only analog broadcasts, and then press **ENTER**.



- The Channel search will start automatically.
- To exit the Channel search screen, select "Cancel", and then press **ENTER**.

② The Channel search results may include scrambled channels or channels that are not viewable in the set area. Press **◀▶** to select "Yes", and then press **ENTER** to remove scrambled channels.

Smart TV

When you connect to the Internet on the TV, select the desired connection method and follow the instructions shown on the display.

- Wireless LAN connection is possible only when the WPS (push button) method is used. If any other method is used, make settings by Smart TV > Internet Setup > Internet Connection.

9 Press **◀▶** to select "Yes", and then press **ENTER**.



10 Press **▲▼** to select "Wired" or "Wireless", and then press **ENTER**.





Initial Installation (Continue)

Connection using an ETHERNET cable:

- 1 Select "Wired" and press **ENTER**.
- 2 Confirm that the TV is properly connected with the router, and then press "Next". Follow the instructions on the display to perform the connection test.

Wireless LAN connection by the WPS method:

- 1 Select "Wireless" and press **ENTER**.
- 2 Follow the instructions on the display, and finalize the connection after testing its viability.

NOTE

- After you finish configuring the network settings, configure the "TV Name Setting".
(See page 8-3.)
- When you change the network settings, refer to Smart TV > Internet Setup > Internet Connection.

Completed

- 11 The settings confirmation screen is displayed. Confirm the information displayed on the screen, and then press **ENTER**.

Examples of the settings confirmation screen

When one or more channel is received after "Antenna & Cable" was selected in step 6 and a search was carried out.



When no channel is received after "Antenna & Cable" was selected in step 6 and a search was carried out.





Initial Installation (Continue)

NOTE

- If no channel is found, confirm the type of connection made with your TV and try "Easy Setup" again. ([See page 4-13.](#))
- To see the list of channels found during Channel search, press **INPUT**, and then press **▶**.

When "Set-top box" was selected in step 6.



- Click "OK" to display the confirmation screen for input source switching.

Show the input list: You can check the current connection status of external equipment. Confirm which input terminal is connected to the set-top box.

OK: Clicking "OK" will complete the Easy Setup procedure.

- This may not display correctly depending on the connected equipment.
- This is not displayed correctly when the connected equipment is off.
- To watch TV using a set-top box, press **INPUT** after completing the initial settings, and select the input to which the set-top box is connected.

NOTE

- For changing the settings of the Initial Installation, perform "Easy Setup" on the Initial Setup menu on ([See page 4-13.](#))



Changing Channels

You can change channels in several ways.

Method 1

Using **CH** on the remote control unit or on the TV.

Method 2

Using remote control buttons **0-9**, • (DOT).

Examples:

To select a 1 or 2-digit channel number (e. g., Channel 5):

Press 5 → ENTER

To select a 3-digit channel number (e. g., Channel 115):

Press 1 → 1 → 5 → ENTER

To select a 4-digit channel number (e. g., Channel 22.1):

Press 2 → 2 → • (DOT) → 1 → ENTER

Method 3

Selecting the program from the Channel list.

- 1 Press **INPUT** on the remote control unit.
 - The INPUT list displays.
- 2 Press **◀▶** to select "AIR" or "CABLE".
 - The Channel list displays.
- 3 Press **▲▼** to select the desired channel, and then press **ENTER**.

NOTE

- When selecting a 1-digit channel number, it is not necessary to press **0** before the number.
- When you enter **0-9** only, channel selection will be made if there is no operation within a few seconds.
- If you push "0" by itself, nothing will happen.
- Complete the above steps within a few seconds.
- When you enter **0-9** and • (DOT), channel selection will be made if there is no operation within a few seconds.

Changing Volume

You can change the volume by pressing **VOL+/-** on the TV or on the remote control unit.

- To increase the volume, press **VOL +**.
- To decrease the volume, press **VOL -**.



Audio status

Output device	Output Select	
	Fixed	Variable
Speaker	Variable sound	Mute


- When "Output Select" is set to "Variable", the indicator on the screen changes as shown below.



MUTE

Mutes the current sound output.

Press **MUTE**.

-  will be displayed on the screen for 30 minutes, and the sound is silenced.

NOTE

- Within 30 minutes of pressing **MUTE**, mute can be canceled by pressing **VOL+/-** or **MUTE**.
- Mute will be canceled after 30 minutes have passed. However, the TV will not suddenly output a loud sound as the volume level is set to 0 automatically.



FREEZE

Allows you to capture and freeze a moving image that you are watching.

Press **FREEZE**.

- A moving image is captured.
- Press **FREEZE** again to cancel the function.

NOTE

- When this function is not available, "No displaying still image available." will display.
- The still image automatically goes out after 30 minutes.
- If you are using the freeze function and a broadcast activates the V-CHIP BLOCK, the freeze function will be canceled and a V-CHIP BLOCK message will appear.



FLASH BACK

Press **FLASHBACK** to switch to the previously tuned channel or previous input mode.

- Press **FLASHBACK** again to switch back to the currently tuned channel.

NOTE

- **FLASH BACK** will not work if no channel has been changed after the TV is turned on.



SMART

Allows you to directly activate various types of applications.

- 1 Press **SMART** to display the application window.
 - Press **SMART** again to switch back to the currently tuned channel.
- 2 Press **◀▶** to select the desired application, and then press **ENTER**.
 - If you changed the display to the list of applications in step 1, select a category and then an application.
 - If "E" is displayed after you switch to USB mode, check the USB connection.
 - If "W" or "S" is displayed after you switch to Home Network mode or after you connect to the Internet, check your TV's network settings and connection.



Direct Button Operation

NETFLIX

Displays the Netflix screen.

Press **NETFLIX**.

NOTE

If you press the NETFLIX button when the TV is turned off, the TV turns on and the NETFLIX screen is displayed.

- To enjoy Netflix, you need to make:
 - a broadband Internet connection
 - settings of Internet Setup
 - adjustments for Netflix





AUDIO

MTS/SAP stereo mode

The TV has a feature that allows reception of sound other than the main audio for the program. This feature is called Multi-channel Television Sound (MTS). The TV with MTS can receive mono sound, stereo sound and Secondary Audio Programs (SAP). The SAP feature allows a TV station to broadcast other information, which could be audio in another language or something completely different like weather information.

You can enjoy Hi-Fi stereo sound or SAP broadcasts where available.

- **Stereo broadcasts:** View programs like live sporting events, shows and concerts in dynamic stereo sound.
- **SAP broadcasts:** Receive TV broadcasts in either MAIN or SAP sound.
MAIN sound: The normal program soundtrack (either in mono or stereo).
SAP sound: Listen to a second language, supplementary commentary or other information. (SAP is mono sound.)

If stereo sound is difficult to hear.

- Obtain a clearer sound by manually switching to fixed mono-sound mode.

You can change MTS as shown below to match the television broadcast signal.

Press **AUDIO** to toggle between audio modes.

Examples: when receiving MTS and SAP

STEREO mode: ST(SAP) → SAP(ST) → MONO

STEREO + SAP mode: STEREO ↔ MONO

MAIN + SAP mode: MAIN ↔ SAP

MONO mode: MONO

Digital broadcasting audio mode

The types of audio transmitted in a digital broadcast include SURROUND as well as MONO and STEREO. In addition, it is possible for multiple audio tracks to accompany a single video track.

Press **ENTER** to toggle between audio modes.

Example: when receiving Digital broadcasting

STEREO (Audio1) → STEREO (Audio2)
↔ SURROUND (Audio3) ↔

NOTE

- MTS only operates while in TV mode.
- You can have the same settings by choosing "Change Audio" on the menu items.



Sleep Timer

Allows you to set a time when the TV automatically switches to standby.

Press **SLEEP**.

- The remaining time displays when the sleep timer has been set.
- Each time you press **SLEEP**, the remaining time switches as shown below.

Off → 0hr30min → 1hr00min
2hr30min ← 2hr00min ← 1hr30min

- When set, the time automatically starts counting down.
- If you want to adjust the sleep timer, you can press **SLEEP** twice then change the time setting.
- When it is 5 minutes before the time expires, the remaining time will start to keep appearing every minute.

NOTE

- The TV will enter standby when the remaining time reaches 0.

Direct Button Operation



AV MODE

AV MODE gives you several viewing options to choose from to best match the surrounding environment of the TV, which can vary due to factors like room brightness, type of program watched or the type of device connected. You can use USER Mode to create customized settings for each input for convenience. These settings will be automatically saved on each input for convenience.

Press **AV MODE**. Current AV MODE displays.

Press **AV MODE** again before the mode displayed on the screen disappears.

The mode changes as shown below:

Example:

When using the **COMPONENT/VIDEO** or **VIDEO** terminals



Example:

When using the **PC IN** or **HDMI IN 1 to 3** terminals



AV MODE (Continue)

STANDARD (ENERGY STAR): For a highly defined image in a normal lighting.

MOVIE: For a movie.

PC: For PC.

USER: Allows the user to customize settings as desired. You can set the mode for each input source.

DYNAMIC: For a clear-cut image emphasizing high contrast, useful for sports viewing.

DYNAMIC (Fixed): Changes the image and sound settings to the factory preset values. No adjustments are allowed.

NOTE

- You can select a different AV MODE item for each input mode. (For example, select STANDARD (ENERGY STAR) for TV input and DYNAMIC for COMPONENT.)
- You cannot set "PC" when the TV is connected to the Internet.
- You cannot set "PC" when selecting the input "Home Network" or "USB".
- You can have the same settings by choosing "AV MODE" on the menu items.





Closed Captions and Digital Closed Captions

Your TV is equipped with an internal Closed Caption decoder. It allows you to view conversations, narration and sound effects as subtitles on your TV. Closed Captions are available on some TV programs and on some VHS home video tapes at the discretion of the program provider. Digital Closed Caption service is a new caption service available only on digital TV programs (also at the discretion of the service provider). It is a more flexible system than the original Closed Caption system, because it allows for a variety of caption sizes and font styles. When the Digital Closed Caption service is in use, it will be indicated by the appearance of a 3-letter abbreviation that also indicates the language of the Digital Closed Captions: ENG (English), SPA (Spanish), FRA (French) or other language codes. Not all programs and VHS videotapes offer closed captions. Please look for the "CC" symbol to ensure that captions will be shown.

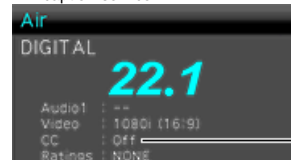
In the Closed Caption system, there can be more than one caption service provided. Each is identified by its own number. The "CC1" and "CC2" services display subtitles of TV programs superimposed over the program's picture. In the Closed Caption system, the "Text1" or "Text2" services display text that is unrelated to the program being viewed (e.g., weather or news). These services are also superimposed over the program currently being viewed.

1 Press **CC**.

- This will present the Closed Caption information display.

2 Press **CC** while the Closed Caption information is still on the screen.

- Press repeatedly until you select the desired closed caption service.



- Depending on the number of caption services in the signal being received, you will see information such as 1/2 or 1/4 displayed.

1/2 means "the first of two services".

Example:

If a program has three services (Digital CC(ENG), CC1 and Text1), the closed caption display will toggle in this sequence:



- The **CC** button keeps a record of the last service selected in its memory.

If the last closed caption mode (e.g. 1/3 ENG) you selected is not available for the next program, or on another channel, the closed caption service that is available is automatically selected, and this service appears in parentheses, e.g. "1/3(CC1)".

Closed Caption services that appear in parentheses will not be stored in the **CC** button's memory as your last selected service. Only services that you have selected with the **CC** button are stored.

Closed Captions and Digital Closed Captions (Continue)

Examples:

In a case where there are two closed caption services provided (for instance, Digital CC(ENG) and CC1), and Digital CC(ENG) is displayed as your current selection, if Digital CC(ENG) is not broadcast for the next program, the other closed caption service, CC1, will be displayed in parentheses.

A closed caption service appears in parentheses because the service you selected is not available and a different service is displayed on your screen. "1/1(CC1)" is displayed instead of "1/2/ENG".

NOTE

- When the program contains no closed caption, "--" displays in the closed caption information.
- If the language code, e.g. "ENG", is not found on Digital TV programs, "--" will be shown.
- Four kinds of closed caption service (CC1, CC2, Text1, Text2) are potentially available, but a broadcast may contain none or only some of these services at the discretion of the program provider.
- When a web page is displayed, Closed Captions are not available.
- You can have the same settings by choosing "Change CC" on the menu items.





VIEW MODE



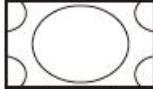

You can select the screen size.

- 1 Press **VIEW MODE**.
 - The View Mode menu displays.
 - The menu lists the View Mode options selectable for the type of video signal currently being received.
- 2 Press **VIEW MODE** or **▲/▼** while the View Mode menu is displayed to select a desired item on the menu.
 - You can sequentially select a View Mode that has its own aspect ratio.

NOTE

- You can have the same settings by choosing "View Mode" on the menu items.
- Each time you press VIEW MODE when a browser screen is shown, the display pattern toggles between a website-only screen and a TV+Web screen.
- Operate this function during the input of other types of signals (such as Full HD).

For HD programs

Stretch	Dot by Dot (Full Screen)	S.Stretch (Smart stretch)	Zoom
			
<p>Suitable for viewing wide-screen 1.78:1 aspect ratio program, stretch mode will still show very thin black bands at the top and bottom of the screen.</p>	<p>"Dot by Dot" when the number of pixels on the screen and the resolution of the signal are the same. "Full Screen" when the number of pixels on the screen and the resolution of the signal are different. In either case, the image fully fills the screen.</p>	<p>Suitable for stretching 4:3 programs to fill the screen.</p>	<p>Suitable for viewing wide-screen 2.35:1 aspect-ratio programs in full screen.</p>

NOTE

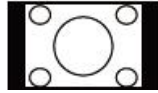

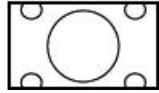
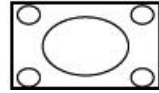
- When using Dot by Dot or Full Screen, it is possible to see noise or bars around different outer portions of the screen. Please change view mode to correct this.

Direct Button Operation

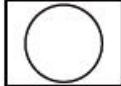
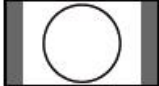

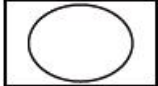


VIEW MODE (Continue)

For 4:3 programs
 Example: Screen size images

Side Bar	S.Stretch (Smart stretch)	Zoom	Stretch
			
Suitable for viewing conventional 4:3 programs in their normal format.	Suitable for stretching 4:3 programs to fill the screen.	Suitable for viewing wide-screen 2.35:1 anamorphic DVDs in full screen.	This mode is useful for 1.78:1 DVDs. When viewing 1.85:1 DVDs, stretch mode will still show very thin black bands at the top and bottom of the screen.

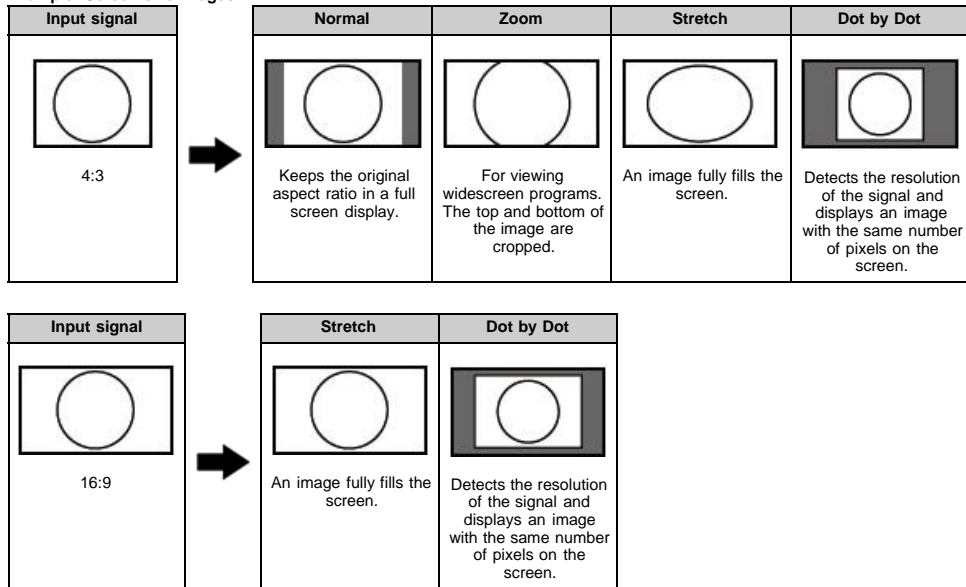
For USB-Video, Home Network Video or Internet applications
 Example: Screen size images

Input signal	Auto	Original	Stretch
			
	Keeps the original aspect ratio in a full screen display.	Displays an image by an original size.	An image fully fills the screen.



VIEW MODE (Continue)

For PC
 Example: Screen size images



NOTE

- Connect the PC before making adjustments. See the Setup Guide.
- Selectable screen size may vary with input signal type.



Introduction



① Guide display

- This indicates the buttons that can be operated on the displayed screen. The guide display varies depending on the menu setting screen.
- The operations for some selected items may be displayed in the operational guide bar at the bottom of the screen.

② Item displayed in blue

- This indicates the item currently selected.
- Press **ENTER** to go to the adjustment screen for this item.

③ Item in brackets

- This indicates the current setting for the item.

④ Item displayed in white

- This indicates that the item can be selected.

⑤ Item displayed in gray

- This indicates that the item cannot be selected. There are various reasons why the items cannot be selected, but the main reasons are as follows:
 - Nothing is connected to the selected input terminal.
 - The function is not compatible with the current input signal.
 - When this conflicts with other functions, you must change the settings for the other functions.

Introduction (Continue)

About Menu Items

- Some menu items may not be displayed depending on the selected input source.

NOTE

- The screens in the operation manual are for explanation purposes (some are enlarged, others cropped) and may vary slightly from the actual screens.
- The order of explanations for each menu item in the following pages is not necessarily in accordance with the alignment of the items on the screen.



LCFONT:

- This product is embedded with LC Font technology, which was developed by SHARP Corporation for clearly displaying easy-to-read characters on LCD screens.



On-Screen Display Menu Operation

Example



1 Press **MENU** to display the MENU screen.

2 ① Press **◀▶** to select the desired menu.

② Press **▲▼** to select a specific adjustment item, and then press **ENTER**.

- Additional related adjustment items may be displayed. Press **▲▼** to select the desired item.

③ Adjust the item while referring to the guide display.

- Operations vary depending on the function or item. Refer to the guide display corresponding to the menu setting screen for button operations.

3 Press **MENU** to exit.

NOTE

- Menu options differ in the selected input modes, but the operating procedures are the same.

Menu Operation Buttons

Using the remote control

Use the following buttons on the remote control to operate the menu.

MENU: Press to open or close the menu screen.

▲/▼/◀/▶: Press to select a desired item on the screen or adjust a selected item.

ENTER: Press to go to the next step or complete the setting.

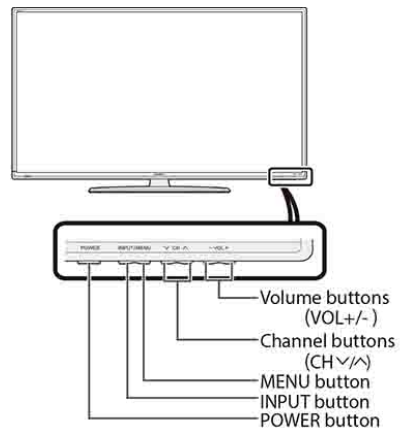
RETURN: Press to return to the previous step.



Using the control panel of the TV

You can also operate the menu with the control panel of the TV.

Button operations on the control panel correspond to the ones on the remote control as shown below.



MENU: MENU on the remote control.

INPUT: ENTER on the remote control.

CH/▲/▼: Cursor ▲/▼ on the remote control.

VOL+/-: Cursor ◀▶ on the remote control.

Example



Initial Setup

NOTE

- For operating the on-screen display menu, [see page 4-3](#).
- When you select "Easy Setup", "CH Setup", "Parental Control" or "Reset", you can enter the 4-digit secret number here.

Easy Setup

You can run Easy Setup again, even after setting up the preset channels.

Language: Select from among 3 languages (English, French and Spanish).

Location & Time: Make settings for the country, area and time zone where you use the TV.

Select your country: Select either "United States", "Canada" or "Mexico".

Select your time zone: Select your time zone. The available settings differ depending on the selected country.

Select DST (Daylight Savings Time): Select "Auto", "Manual" or "Off".

TV Location: Select "Home" or "Store" for the location where you plan to install the TV. This product qualifies for ENERGY STAR in Home mode default setting.

Home: AV MODE is set to "STANDARD (ENERGY STAR)".

Store: AV MODE is set to "DYNAMIC (Fixed)". Picture Reset and Feature Demo can be set.

Picture Reset: AV MODE will be set to "DYNAMIC (Fixed)" regardless of whether Picture Reset is "On" or "Off". If you select "On", AV MODE will be reset to "DYNAMIC (Fixed)" if there is no operation for 30 minutes. When "Off" is selected, AV MODE will be set to "DYNAMIC (Fixed)".

Feature Demo: When "On" is selected, after all the settings are completed, the Feature Demo screen is displayed if there is no operation for several minutes.

- ENERGY STAR qualification is based on AV MODE "STANDARD (ENERGY STAR)".

Antenna & Cable/STB: Select the type of connection you will use to watch TV.

Air/Cable: Make sure what kind of connection is made with your TV when selecting "Air" or "Cable".

CH Search: Channel auto search makes the TV look for all channels viewable in the set area.

- If "Cable" is selected for Antenna setting, scrambled channels are removed after the Channel search has been completed.

Smart TV: When you connect to the Internet on the TV, confirm the connection method and make adjustments.

- Wireless LAN connection is possible only when the WPS (push button) method is used. If any other method is used, make settings by Smart TV > Internet Setup > Internet Connection.

Completed: The settings confirmation screen is displayed. Confirm the information displayed on the screen.

NOTE

- See Initial Installation on [see pages 2-2 to 2-7](#) for setting each item.
- If no channel is found, confirm the type of connection made with your TV and try "Easy Setup" again.
- If you select "Analog Search Start" and initiate the channel search, the CH Memory for Cable Digital will be deleted.

Example



Initial Setup (Continue)

Language

You can also select a language from the Initial Setup menu. Select from among 3 languages: English, French and Spanish.

NOTE

- To change the language of the manual, select "MENU" > "Initial Setup" > "Language" to change the language.

TV Channel Setup


Channel Setup


If Initial Installation does not memorize all the channels in your region, follow the instructions below to manually memorize the channels.

Air/Cable: Make sure what kind of connection is made with your TV when selecting "Air" or "Cable".

CH Search: Channel auto search makes the TV look for all channels viewable in the set area.

CH Memory: You can select the channels to skip in each ANALOG (Air), ANALOG (Cable), DIGITAL (Air) and DIGITAL (Cable).

On: Skips channels. (Channel selection disabled using CH )

Off: Does not skip channels. (Channel selection enabled using CH )

Remove Scrambled CH: This function makes the TV look for and then delete digital cable channels that are scrambled and so unavailable in the set area. The process may take more than 20 minutes.

Yes: Starts to remove scrambled channels.

No: This function does not work.

NOTE

- See Initial Installation on [see pages 2-2 to 2-7](#) for setting each item.
- If no channel is found, confirm the type of connection made with your TV and try channel search again.
- If you select "Analog Search Start" and initiate the channel search, the CH Memory for Cable Digital will be deleted.

Example



Initial Setup (Continue)

Favorite CH (Favorite Channel Setting)

This function allows you to program 4 favorite channels, in 4 different categories. By setting the favorite channels in advance, you can select your favorite channels easily.

To register your favorite channel:

Select "Register" and then press **ENTER**. Press **▲/▼/◀/▶** to select the position in the category, and then press **ENTER** to register.

To delete your favorite channel:

Select "1 Data Clear" and then press **ENTER**. Press **▲/▼/◀/▶** to select the channel you want to delete, and then press **ENTER**. Select "Yes" and then press **ENTER**.

To delete all the favorite channels, select "All Data Clear".

NOTE

- Before setting the channel, select the channel you want to register as a favorite channel.
- You can display the "Favorite CH" screen by pressing **FAVORITE CH** on the remote control.

Antenna Setup-DIGITAL

In order to receive digital air broadcasts, you need a digital broadcast antenna. You can confirm the antenna configuration through the "Antenna Setup-DIGITAL" screen. If necessary, adjust the direction of the antenna to obtain the maximum signal strength.

Signal Strength: The signal strength of DIGITAL channel is displayed. The signal information is based on the current channel.

Channel Strength: Input the 2-digit channel number to check the signal strength of the selected channel. Make sure the signal is strong enough for each channel.

- This function is available for DIGITAL (Air) only.

Example



Initial Setup (Continue)

Individual Setup

Secret No.

Allows you to use a secret number to protect certain settings from being accidentally changed.

IMPORTANT:

Three conditions must be met to enable the V-Chip

1. Secret No. is registered.
2. V-Chip/V-Chip (DTV Only) settings have been made.
 - The "V-Chip (DTV Only)" will only be selectable when a new rating system can be downloaded via digital broadcasting in the U.S.
3. "Status" is set to "On".

Setting Secret No.

You can set and change the secret number by using **0-9**.

Yes: Changes or sets the Secret No.

No: The confirmation screen to clear the Secret No. appears when the Secret No. has been set. When the Secret No. has not been set, the previous screen will be displayed.

NOTE

- As a precautionary measure, make a note of your secret number and keep it in a familiar place.

Parental Control (Parental Control Setting)

V-Chip

V-CHIP is an electronic filtering device built into your TV. This tool gives parents a great degree of control over broadcasts accessed by their children. It allows parents to select programs judged suitable for child viewing while blocking ones judged not suitable. It does so automatically once you activate the V-CHIP feature in your TV. "V-Chip" and "Status" will not be selectable from the menu if you do not first configure your secret number.

- The U.S. has two rating systems for viewing content: TV Parental Guidelines and movie ratings.
- The TV Parental Guidelines work in conjunction with the V-CHIP to help parents screen out inappropriate television shows from their children.
- Movie ratings are used for original movies rated by the Motion Picture Association of America (MPAA) as watched on cable TV and not edited for television. The V-CHIP can also be set to block MPAA-rated movies.

NOTE

- The setting automatically enters "Block" for any ratings below your selection.
- If Status is not set to "Enable", the configuration settings will not work.

MPAA (Voluntary movie rating system)

Example



Press **▲/▼** to adjust the item to your desired position.

"**■**" indicates the item is blocked. Press **MENU** to exit.

G: General audiences. All ages admitted.

PG: Parental guidance suggested. Some material may not be suitable for children.

PG-13: Parents strongly cautioned. Some material may be inappropriate for children under 13.

R: Restricted. Under 17 requires accompanying parent or adult guardian (age varies in some jurisdictions).

NC-17: No one 17 and under admitted.

X: X is an older rating that is unified with NC-17 but may be encoded in the data of older movies.

NOTE

- Voluntary movie rating system only uses an age-based rating.

Example



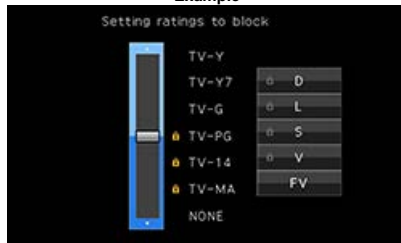
Initial Setup (Continue)

Individual Setup

Parental Control
(Parental Control Setting)

TV Parental Guidelines

Example



Suggested age

TV-Y: All children.

TV-Y7: Directed to older children.

TV-G: General audience.

TV-PG: Parental Guidance suggested.

TV-14: Parents strongly cautioned.

TV-MA: Mature audience only.

When setting an individual content-based rating item:

- 1 Press **▶** to access blocked content items from the currently selected age-based rating item.
- 2 Press **▲/▼** to select an individual item, and then press **ENTER** to unblock it ("■" is removed). Repeat the same steps for the other items.
- 3 Press **◀** to register after all individual content rating items are set.

Content

FV: Fantasy violence.

V: Violence.

S: Sexual situation.

L: Adult language.

D: Sexually suggestive dialog.

Rating	Content					
	FV	V	S	L	D	
Suggested age	TV-Y	⊗	⊗	⊗	⊗	⊗
	TV-Y7	×	⊗	⊗	⊗	⊗
	TV-G		⊗	⊗	⊗	⊗
	TV-PG		×	×	×	×
	TV-14		×	×	×	×
	TV-MA		×	×	×	

⊗: The content rating can be set, but this rating is not normally broadcast by TV stations.

×: Content rating can be set.

Canadian Rating Systems (Canadian English ratings and Canadian French ratings)

- The TV rating systems in Canada are based on the Canadian Radio-Television and Telecommunications Commission (CRTC) policy on violence in television programming.
- While violence is the most important content element to be rated, the structure developed takes into consideration other program contents like language, nudity, sexuality and mature themes.
- When setting the V-CHIP on the Canadian system you can choose either the Canadian English ratings or the Canadian French ratings.

Example



Initial Setup (Continue)

Individual Setup

Parental Control (Parental Control Setting)

Canadian English Ratings

- E:** Exempt: Includes news, sports, documentaries and other information programming; talk shows, music videos, and variety programming.
- C:** Children: Intended for younger children under the age of 8 years. Pays careful attention to themes that could threaten their sense of security and well-being.
- C8+:** Children over 8 years old: Contains no portrayal of violence as the preferred, acceptable, or only way to resolve conflict; nor encourage children to imitate dangerous acts which they may see on the screen.
- G:** General: Considered acceptable for all age groups. Appropriate viewing for the entire family, contains very little violence, physical, verbal or emotional.
- PG:** Parental Guidance: Intended for a general audience, but may not be suitable for younger children (under the age of 8) because it could contain controversial themes or issues.
- 14+:** Over 14 years: Could contain themes where violence is one of the dominant elements of the storyline, but it must be integral to the development of plot or character. Language usage could be profane and nudity present within the context of the theme.
- 18+:** Adults: Intended for viewers 18 years and older and might contain depictions of violence, which while related to the development of plot, character or themes, are intended for adult viewing. Could contain graphic language and portrayals of sex and nudity.

Canadian French Ratings

- E:** Exempt programming.
- G:** General: All ages and children, contains minimal direct violence, but may be integrated into the plot in a humorous or unrealistic manner.
- 8ans+:** General but inadvisable for young children: May be viewed by a wide public audience, but could contain scenes disturbing to children under 8 who cannot distinguish between imaginary and real situations. Recommended for viewing with parent.
- 13ans+:** Over 13 years: Could contain scenes of frequent violent scenes and therefore recommended for viewing with parent.
- 16ans+:** Over 16 years: Could contain frequent violent scenes and intense violence.
- 18ans+:** Over 18 years: Only for adult viewing. Could contain frequent violent scenes and extreme violence.

How to temporarily release the V-CHIP BLOCK

When the V-CHIP BLOCK is working and censors a broadcast, "V-CHIP HAS BEEN ACTIVATED." displays.

- 1 Press **ENTER** while the V-CHIP is working, and then the secret number setting menu displays.
- 2 Input the 4-digit secret number by using **0-9**. At this time V-CHIP BLOCK temporarily releases.

Example



Initial Setup (Continue)

Reactivating the temporarily released V-CHIP BLOCK

You can reactivate the temporarily released V-CHIP BLOCK as shown below.

- Select "Status" setting from the Parental Control menu to reactivate BLOCK.
- Select "V-Chip" setting ("MPAA", "TV Guidelines", "Can. English Ratings" or "Can. French Ratings") from the Parental Control to reactivate BLOCK. [\(See pages 3-12 to 3-13.\)](#)
- Switch off the TV power.

NOTE

- Performing any of the three above will activate the V-CHIP BLOCK.

Status

Used to enable or disable the parental control function. This function will not be selectable from the menu if you do not first configure your secret number.

Secret No.

Allows you to use a secret number to protect certain settings from being accidentally changed.

IMPORTANT:

Three conditions must be met to enable the V-Chip [\(see pages 3-12 to 3-13\):](#)

1. Secret No. is registered.
2. V-Chip/V-Chip (DTV Only) settings have been made.
 - The "V-Chip (DTV Only)" will only be selectable when a new rating system can be downloaded via digital broadcasting in the U.S.
3. "Status" is set to "Enable".

Setting Secret No.

You can set and change the secret number by using **0-9**.

Yes: Changes or sets the Secret No.

No: "Delete Secret No." menu will appear when the Secret No. has been set. When the Secret No. has not been set, the previous screen will be displayed.

NOTE

- As a precautionary measure, make a note of your secret number and keep it in a familiar place.
- If the secret number is cleared, the Status setting automatically sets to "Off". "V-Chip" and "Status" will not be selectable from the menu.

Quick Start Mode

When this function is activated, you can reduce the TV's start-up time or even let the TV in standby mode start displaying images and so on via the connected equipment on the network.

NOTE

- Setting "Quick Start Mode" to "On" consumes more power.

Example



Initial Setup (Continue)

Input Settings

HDMI Setup - Auto View

When you view images sent from external equipment in an HDMI connection, this function allows the image size on the TV to automatically switch to an appropriate one.

NOTE

- Refer to your external equipment operation manual for the signal type.

DIGITAL AUDIO

You can output digital audio to an AV amplifier or similar device whose DIGITAL AUDIO INPUT terminal is connected to the DIGITAL AUDIO OUT terminal on the TV. Please select an audio output format compatible with the audio format of the program you are watching and the equipment connected.

Off: Close the digital audio output function.

PCM: For connecting to equipment that does not support Dolby Digital. The same audio (main, sub, or main/sub) as the audio of the program being viewed is output.

2-channel audio with a sampling rate of 48 kHz or less is output as linear PCM audio.

Bitstream: For connecting to an audio system that supports Dolby Digital. Audio is output through both the main and sub channels.

NOTE

- Analog channel audio and video input audio are output in PCM mode even when "Bitstream" is selected.
- PCM digital input signals are output in PCM mode even when "Bitstream" is selected.

Audio Select

This function sets the terminal to output the computer audio. The adjustment items vary depending on the input source.

Select the input source corresponding to the terminal connected to the PC and then adjust the desired item.

To perform the operation, refer to "Initial Setup" >

"Advanced" > "Audio Select".

[\(See page 3-8.\)](#)

Output Select

Allows you to select what controls the audio output.

Fixed: Sound via speaker is adjusted with **VOL+/-** on the remote control unit or on the TV.

Sound via the AUDIO OUT terminal is not adjustable and outputs at a consistent level.

Variable: Sound via the AUDIO OUT terminal is adjusted with **VOL+/-** on the remote control unit or on the TV.

Sound via speaker is muted.

Input Select

For image input applied to the COMPONENT IN or VIDEO IN terminal, switch to "**COMPONENT**" or "**VIDEO**", respectively.

COMPONENT: Select component video

VIDEO: Select composite video.

NOTE

- If no (color) image display, try changing to another signal type.
- Check the operation manual of the external equipment for the signal type.

Input Skip

This setting allows you to skip the TV, HDMI or PC IN Input ("PC IN, COMPONENT, HDMI 1, HDMI 2, HDMI 3 and VIDEO") on the Input Selection operation.

NOTE

- If you connect external equipment to an HDMI IN terminal which you have set to be skipped, a notification message appears on the display when a signal is received from the connected external equipment. Press "Yes" to reset the related skipping setting so that the input terminal becomes available.

Example



Initial Setup (Continue)

Color System

Select the video signal system compatible with your equipment from the list below:

Auto/NTSC/PAL-M/PAL-N

NOTE

- "Color System" can only be set for the VIDEO IN 1 or 2.
- If you have already set the Secret No., input the 4-digit secret number here.

LINK Setup

Make the settings to use AQUOS LINK.

Set the settings with "Initial Setup" > "Input Settings" > "LINK Setup".

Fine Sync.

You can adjust the position on the image input from a PC the settings with "Initial Setup" > "Input Settings" > "Fine Sync."

Reset

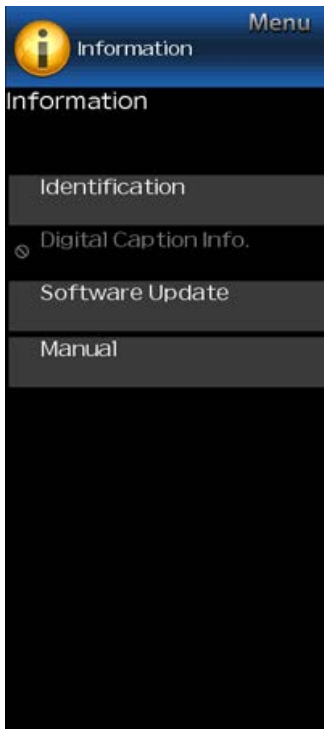
If complex adjustments are made and the settings cannot be restored to normal, you can reset the settings to the factory preset values.

- If you have already set the Secret No., input the 4-digit secret number here.

NOTE

- The Channel Setup settings will not be changed.
- The Language settings will not be changed.
- The TV Location settings will not be changed.

Example



Information

NOTE

- For operating the on-screen display menu, see [page 4-3](#).

Identification

The current version of the TV software is displayed.

Digital Caption Info. (Digital Caption Information)

This function allows viewing of digital closed caption information for the digital broadcast program being viewed.

NOTE

- This list is not displayed for analog broadcasts or external input audio/video.
- This information is not included in CC1, CC2, Text1, or Text2, and is not displayed in a list.

Software Update

This is used to upgrade the system software to enhance the TV functions.

- Press **MENU** to display the MENU screen, and then press **◀▶** to select "Information".
- Press **▲/▼** to select "Software Update", and then press **ENTER**.
 - If you have already set the Secret No., go to step 3.
- Press **▲/▼** to select "Manual Update" or "Auto Update Setting", and then press **ENTER**.
 - The operations thereafter vary depending on the setting.

Auto Update Setting

When the TV is on, or when an Internet application is being accessed, this function enables the TV to connect to the network and check for updates automatically. When an update is available, a message is displayed. Press **◀▶** to select "Yes", and then press **ENTER** to display the download screen.

NOTE

- This function does not work when a broadband connection or Internet Setup is not available.
- A message may also be displayed when an application is running. The message varies depending on the application.

Manual Update

Select the method for manually updating the software.

USB Update: Updates the software using a USB memory device containing the update file. (See "Updating the Software with a USB Memory Device".)

Network Update: Downloads the update file via the network and then updates the software.

NOTE

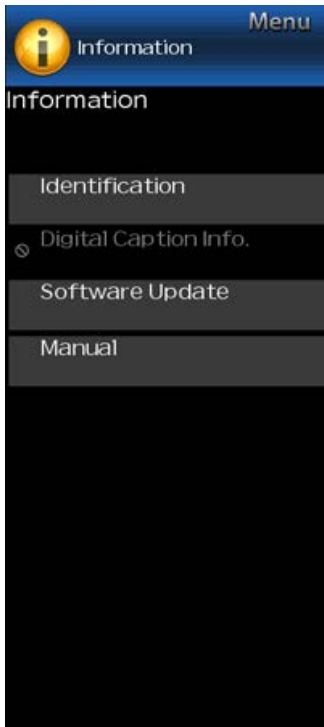
- A broadband connection and Internet Setup are required to update the software using the network.
- It may take time to access and download the update depending on the Internet connection and other factors.

Updating the Software with a USB Memory Device

To check for the availability of a software update, visit <http://www.sharpusa.com/products/support/>. If you have any questions, please call 1-800-BE-SHARP (800-237-4277).

On-Screen Display Menu

Example



Information (Continue)

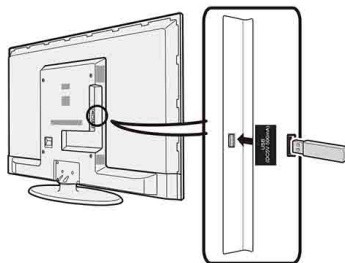
Software Update

Manual Update

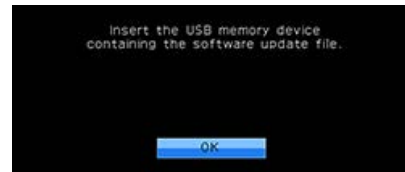
CAUTION

- Do not remove the USB memory device or unplug the AC cord while the software is being updated.
- Be sure to properly follow the whole procedure described below, step by step. Otherwise, for example, the TV cannot read the data in the USB memory device and software updating will fail.

1 Insert the USB memory device with the update file into the USB terminal on the TV.

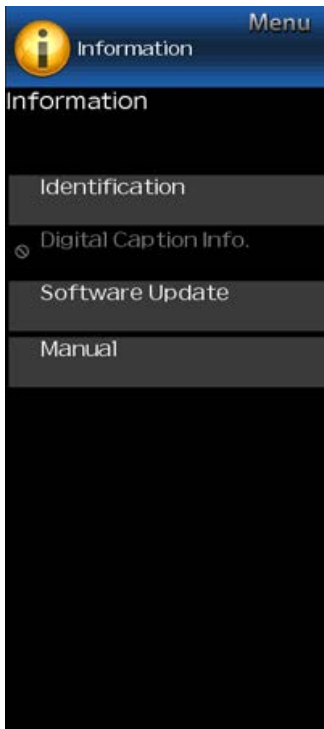


- 2 Press ▲/▼ on the Manual Update screen to select "USB Update", and then press **ENTER**.
- 3 Press **ENTER** to start checking the data in the USB memory device.



- 4 During the data checking, "Checking" blinks.
 - The current version of the TV software and the version of the update file on the USB memory device are displayed.
 - If the USB memory device is not properly installed or the correct update file cannot be found on the USB memory device, an error message is displayed. Check the file on the USB memory device, and then reinsert the USB memory device correctly.

Example



Information (Continue)

Software Update

Manual Update

5 To update the TV software with the update file, select "Yes", and then press **ENTER**.

CAUTION

- Do not remove the USB memory device or unplug the AC cord while the software is being updated.

6 When the software is successfully updated, a screen is displayed indicating that the update process is completed.

After this screen is displayed, the TV automatically turns off and then turns on again.

- If the update has failed, check the file in the USB memory device and try Software Update again.

7 Remove the USB memory device.

Updating the Software via the Network

1 Press **▲/▼** on the Manual Update screen to select "Network Update", and then press **ENTER**.

- The TV connects to the network and checks for updates.
- To cancel, press **ENTER**.

2 The current version of the TV and the latest version of software are displayed. To update the TV software, select "Yes", and then press **ENTER**.

- When a server connection cannot be established or an update is not available, a message is displayed. If a server connection cannot be established, check the broadband connection and Internet Setup.

3 After the update file is downloaded, the software update process begins.

CAUTION

- Do not unplug the AC cord while the software is being updated.

4 When the software is successfully updated, a screen is displayed indicating that the update process is completed.

- A screen indicating that the update is completed is displayed. 4 seconds later, the TV restarts automatically.
- If the software was not updated successfully, check the broadband connection and Internet Setup, and then try updating the software again.

Software License

Displays software version information.

Manual

Displays the built-in operation manual on the screen. You can read information about how to use this device.

Example



Picture Settings

Adjusts the picture to your preference with the following picture settings.

NOTE

- For operating the on-screen display menu, [see page 4-3](#).

Selected item	◀ button	▶ button
Backlight	The screen dims	The screen brightens
Contrast	For less contrast	For more contrast
Brightness	For less brightness	For more brightness
Color	For less color intensity	For more color intensity
Tint	Skin tones become reddish	Skin tones become greenish
Sharpness	For less sharpness	For more sharpness

- For resetting all Picture adjustment items to the factory preset values, press ▲/▼ to select "Reset", press ENTER, press ▲/▼ to select "Yes", and then press ENTER.

AV MODE (Changing Pic.Quality)

The audio and video settings can be changed to suit the program or input content being watched.

NOTE

- The selectable items vary depending on the input source and on the model of your TV.
- You can select AV MODE by pressing **AV MODE** on the remote control unit.
[See page 3-10](#) for details of AV MODE settings.

Example



Picture Settings (Continue)

Advanced

Motion Enhancement

Use Motion Enhancement to view fast-action video more clearly.

Selected item	Description
120Hz	For obtaining a clearer image.
Off	Original image.

NOTE

- "Motion Enhancement" may cause image noise. If this occurs, turn the function "Off".
- When AV MODE is set to "PC", or PC format is being input, "Motion Enhancement" is not available.

Digital Noise Reduction

Produces a clearer video image.

Auto: Automatically adjusts the level of noise reduction.

High/Middle/Low: You can select a desired level for viewing a clearer video image.

Off: No adjustment.

NOTE

- "Digital Noise Reduction" is not available when you set AV MODE to "PC" or PC format is being input.

Example



Picture Settings (Continue)

C.M.S. (Color Management System)

Color tone is managed using the six-color adjustment setting.

C.M.S.-Hue: This is a standard to adjust the color either more reddish or more bluish in tone.

C.M.S.-Saturation: Increases or decreases the saturation of a selected color.

C.M.S.-Value: A higher value makes the image brighter. A lower value makes the image darker.

NOTE

- For resetting all adjustment items to the factory preset values, press ▲/▼ to select "Reset", and then press ENTER.

Color Temp. (Color Temperature)

For a better white balance, use color temperature correctly.
Low: White with bluish tone

Middle:



High: White with reddish tone

Fine tuning the color temperature

To fine tune the color temperature, set "10 Point Setting" to "On".

You can adjust the "Position" setting. Adjust the set color temperature from +1 to +10.

White balance can be adjusted between a maximum of +30 and a minimum of -30 for each color temperature.

NOTE

- When "Position" is set to "10", you can adjust the white balance between -30 and 0.
- For resetting all adjustment items to the factory preset values, press ▲/▼ to select "Reset", and then press ENTER.

Example



Picture Settings (Continue)

Active Contrast

Automatically adjusts the image contrast according to the scene.

On: Produces high contrast image.

Off: No adjustment.

Film Mode (3:2 pull-down)

This function provides high-quality playback of images originally encoded at 24 frames/second, such as films.

On: Adjusts effect to reduce judder from film contents.

Off: Normal viewing mode.

NOTE

- "Film Mode" does not function depending on input signal type.
- "Film Mode" does not function when you set AV MODE to "PC".
- "Standard" does not function depending on input signal type.

Monochrome

For viewing a video in monochrome.

Reset

Returns Picture Settings to their factory preset values. To reset, select "YES" and then press **ENTER**.

Example



Audio Settings

You can adjust the sound quality to your preference with the following settings.

NOTE

- For operating the on-screen display menu, see [page 4-3](#).

Selected item	◀ button	▶ button
Treble	For weaker treble	For stronger treble
Bass	For weaker bass	For stronger bass
Balance	Decrease audio from the right speaker	Decrease audio from the left speaker

NOTE

- The Audio menu is grayed out when "Output Select" is set to "Variable".
- For resetting Audio adjustment items to the factory preset values, press ▲/▼ to select "Reset", press **ENTER**, press ▲/▼ to select "Yes", and then press **ENTER**.

SURROUND

The surround function produces Surround effect from the speakers.

NOTE

- The Audio Settings menu is grayed out when "Output Select" is set to "Variable".
- For some discs, setup may be required on your BD/DVD player. In this case, please refer to the operation manual of your BD/DVD player.

Auto Volume

Different sound sources sometimes do not have the same loudness level, such as a program and its commercial breaks. The Automatic Volume Control(Auto Volume) reduces this problem by equalizing.

ON: Reduces the loudness gaps among different sound source. The result is automatically adjusted according to the sound sources.

OFF: No adjustment.

Reset

Returns Audio Settings to their factory preset values. To reset, select "YES" and then press **ENTER**.

Example



Smart TV

Dashboard

You can display a list of the main Smart TV settings.

Internet Setup

Configures LAN and Internet settings.

Internet Connection

You can connect your TV to the Internet using the setting item "Internet Connection".
[\(See pages 8-3 to 8-4.\)](#)

Interactive Service

If you do not want other people to connect to the Internet in your absence, you can make settings to keep the TV away from the Internet.

Example



Smart TV (Continue)

Wallpaper

Activating the function will display still images when the TV is in standby mode.

Wallpaper Mode

Configures Wallpaper Mode settings.

Off: Nothing will be displayed.

On: Still images will be displayed when the TV is in standby mode.

Data Source

For the wallpaper, you can select either the still images pre-installed in the TV or your favorite still images stored in the USB memory device.

Pre-Installed: The images pre-installed in the TV will be displayed in a slideshow.

USB: Your favorite images stored for the wallpaper will appear.

If only a single still image is stored in the USB memory device, that image will be displayed as the wallpaper. When there are multiple still images in the memory, all the images will be displayed in a slideshow.

NOTE

- Images are displayed in 3-minute intervals as a slideshow.
- When the TV is in Wallpaper mode, you can turn off the TV by pressing and holding **POWER** on the TV for 5 seconds.
 - Just before the TV turns off, the last image shown when the TV was turned off appears briefly.
 - Your settings may not be saved in some cases.

When you display images by using the USB memory device:

- Create a folder named "WP" in the root directory of the USB memory device (the first directory when the USB memory device is opened), and store into the folder the still images you want to display for the wallpaper.
- You must insert the USB memory device to the TV before turning off the TV.
- If there are images on the USB memory device but they do not appear on the screen, switch to USB mode and check whether the image files on the USB memory device are shown correctly.

Timer Setting

You can set the length of time the TV will remain in the Wallpaper Mode.

3 hours/6 hours/12 hours/24 hours

NOTE

- No buttons except for **POWER** work even while the still images are being displayed.
- If the ready-for-use USB memory device is not inserted, the still images pre-installed in the TV will be displayed in a slideshow even when "Data Source" is set to "USB".
- Because the USB memory device cannot be detected immediately after the TV is turned on from standby mode, the wallpaper pre-installed in the TV may be displayed even when "Data Source" is set to "USB".
- The still images will be displayed until the set time has elapsed.

Example



Smart TV (Continue)

Advanced

Netflix Help

You can deactivate the Netflix function. Refer to "Smart TV" > "Advanced" > "Netflix Help" and select "Deactivate".

VUDU Help

To deactivate the VUDU function, refer to "Smart TV" > "Advanced" > "VUDU Help" and select "Yes".
[\(See pages 8-12 to 8-13.\)](#)

Example



System Options

NOTE

- For operating the on-screen display menu, [see page 4-3](#).

Power Control

Power control setting allows you to save energy.

No Signal Off

When this function is enabled, the TV automatically shuts down if no signal is received for more than 15 minutes.

NOTE

- When it is 5 minutes before the power shuts down, the remaining time will start to keep appearing every minute.
- When a TV program finishes, this function may not operate.

No Operation Off

When you enable this function, the TV automatically shuts down if no operation is performed for more than 3 hours.

NOTE

- When it is 5 minutes before the power shuts down, the remaining time will start to keep appearing every minute.

View option

View Mode

This function changes the screen size. Select "Shortcuts" on the menu to display the View Mode menu screen. The View Mode menu varies depending on the input source.

Change Audio

MPX

Allows you to change the audio when multiple audio is available for the program you are watching.

NOTE

- You can change Audio by pressing AUDIO on the remote control unit.
[See page 3-8](#) for details of Audio function.

Audio Only

When listening to music from a music program, you can turn the screen off and enjoy audio only.

NOTE

- The screen image will return to normal when a button (except those for audio adjustment, such as VOL, MUTE) is pressed.

Change CC

Allows you to change the Closed Caption display. Select "Change CC" on the menu to display the Closed Caption information.

- The information displayed varies depending on the program you are watching.

NOTE

- You can change Closed Caption by pressing CC on the remote control unit.
[See pages 3-12 to 3-13](#) for details of Closed Caption function.

Example



System Options (Continue)

Caption Setup

This function allows you to adjust the closed caption screen appearance to suit your preference.

Size/Edge Effect/Edge Color/Text Color/Background Color/Text Opacity/Background Opacity

NOTE

- The default value depends on the broadcasting station.

Startup Screen

With this function activated, the SHARP logo will be displayed when you turn on the TV.

NOTE

- This function is not available when the TV is set to "Quick Start Mode".

Front Indicator Light

When this function is set to "On", the LED on the front of the TV turns on.

NOTE

- "On" is the factory preset value. If you want to turn off the LED, set the function to "Off".

Demo

You can select the image from several types of demo mode.

NOTE

- What kinds of setting item are available depends on the model of your TV.
- This function will be canceled when you press **EXIT** on the remote control unit.
- "Demo" may not be selected depending on input signal type or application status.
- "Demo" may be automatically canceled depending on input signal type.

Enjoying Photo/Music/Video Playback

Preparation

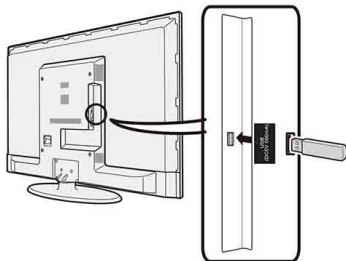
You can connect the TV to a USB memory device, USB hard drive or Home Network server to enjoy viewing pictures, listening to music, and watching videos.

NOTE

- Depending on the USB memory device/USB hard drive/Home Network server, the TV may not be able to recognize the recorded data.
- It may take time to read the recorded data if the USB memory device/USB hard drive/Home Network server contains many files or folders.
- Use only alphanumeric characters for naming files.
- File names over 80 characters (may vary depending on character set) may not be displayed.

Connecting a USB Memory Device/USB Hard Drive

Insert the USB memory device with recorded photos, music or videos into the USB terminal on the TV.



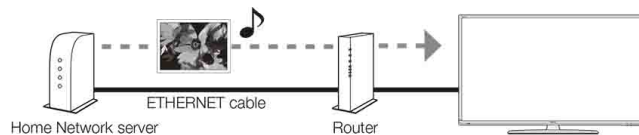
- When connecting a USB hard drive, be sure to use a hard drive with an AC adapter.
- Do not remove a USB memory device or memory card from the TV while transferring files, using the slide show function, or switching screens, or before you exit "USB" from the INPUT list.
- Do not insert and remove a USB memory device/USB hard drive to and from the TV repeatedly.
- When using a card reader, be sure to insert a USB memory device first.

CAUTION

- Do not use a USB extension cable when connecting a USB memory device to the USB terminal on the TV.
- Using a USB extension cable with the USB memory device may prevent the TV from performing correctly.

Connecting a Home Network Server

- Connect the TV to the Home Network server using an ETHERNET cable.
- You can also connect a Home Network server by using a wireless LAN.



NOTE

- Do not disconnect a Home Network server from the TV while transferring files, when a screen is switching to another or before you exit "DLNA" from the INPUT list.
- Do not connect and disconnect a Home Network server from the TV repeatedly.

Selecting the Folders to Play Back

- To play back data on a USB memory device, insert the USB memory device on the TV. USB mode is selected automatically. (Go to step 2)
- Use the following procedure to switch back to USB mode after switching from USB mode to another mode.
 - Select "USB" or "Home Network" from INPUT list screen.
 - Press ▲/▼ (or ◀/▶) to select the drive/server where you want to find your files, and then press **ENTER**.
 - For USB mode, select the drive.
 - When in Home Network mode, select the server.
 - Press ◀/▶ to select "Photo", "Music" or "Video", and then press **ENTER**.

Example



- Press ◀/▶ to select the desired folder, and then press **ENTER**.

- "VIEW MODE" is fixed during the Music mode. During "Video mode", you can select "Auto", "Original" or "Stretch".
- During "Video mode", videos that are smaller than the number of pixels on the screen are displayed at their original size. In these cases, switch "VIEW MODE" to "Auto" to have the video fill the screen.

NOTE

- The Media screen can be displayed even by using the application window. To display the application window, press **SMART**. (See page 3-6.)
- 16 is the maximum number of USB drives and 10 is the maximum number of Home Network servers that can be displayed.

USB Device Compatibility

USB device	USB Memory, USB card reader (Mass Storage class), USB hard drive
File system	FAT/FAT32/NTFS (USB hard drive only)
Photo file format	JPEG (.jpg) (DCF2.0 compliant) Multi-Picture Format (.mpo) (CIPA DC-007 Compliant) MP Type : Multi view individually image (stereoscopic view)
Music file format	MP3 (.mp3) Bitrate: 32k, 40k, 48k, 56k, 64k, 80k, 96k, 112k, 128k, 160k, 192k, 224k, 256k, 320kbps Sampling frequency: 32k, 44.1k, 48kHz





Selecting the Folders to Play Back (Continue)

Video file format			
File extension	Container	Video	Audio
.avi	AVI	H.264 MPEG4 Motion Jpeg	MP3 Dolby Digital LPCM ADPCM
.mkv	MKV	H.264 MPEG4	MP3 Dolby Digital LPCM ADPCM
.asf .wmv	ASF	MPEG4 VC-1 Windows Media	MP3 Dolby Digital LPCM WMA
.mp4 .mov	MP4 (SMP4)	H.264 MPEG4 Motion Jpeg	MP3 Dolby Digital Dolby Digital Plus AAC
.mpg .mpeg	PS	MPEG2 MPEG1	Dolby Digital MPEG LPCM

NOTE

- Progressive format jpeg files are not supported.
- USB 1.1 devices may not be played properly.
- Operation using USB hubs is not guaranteed.
- Some video file formats may not be played depending on the file.
- Some images may not be displayed in the appropriate aspect ratio depending on the file format.

Home Network Server Compatibility

Photo file format	JPEG
Music file format	LPCM, MP3
Video file format	MPEG2-PS, MPEG2-TS, WMV, ASF, MP4, MOV, AVI

NOTE

- Progressive format jpeg files are not supported.
- Some video file formats may not be played depending on the file or the server.
- WMV, ASF, MP4, MOV and AVI are not Home Network contents.

Playing Back Files on a USB Memory Device/Home Network Server

NOTE

- The screen images in this section are for the USB mode. It may be slightly different in the Home Network mode.

Photo Mode

Viewing Thumbnails

Example



Buttons for thumbnail operations

Buttons	Description
▲▼/◀▶	Select a desired item.
ENTER	When selecting a folder icon: Enter this directory. When selecting a photo thumbnail: Start the slide show.
RETURN	Return to the previous process.
A (red)	Clear the file information display.
B (green)*	
C (blue)	
D (yellow)	

*This function is available only for the USB mode.

NOTE

- When there are invalid photo files, the X mark will be displayed for the file. (USB mode only.)
- A few seconds after the cursor is positioned on a thumbnail, the file information is displayed in the right of the center of the screen.



Playing Back Files on a USB Memory Device/Home Network Server (Continue)

Slide Show

The photos displayed on the thumbnail selection screen are displayed as a slide show.

Buttons for slide show operation

Buttons	Description
RETURN	Return to the thumbnail selection screen.
B (green)	Displaying/hiding operation guidance
C (blue)	Previous file
D (yellow)	Next file

NOTE

- Rotating photos only applies to the temporarily selected item and this setting is not saved.



Playing Back Files on a USB Memory Device/Home Network Server (Continue)

Music Mode

Example



Buttons for music mode

Buttons	Description
▲▼◀▶	Select a desired item.
ENTER	When selecting a folder icon: Enter this directory. When selecting a music file: Play music.
RETURN	Return to the previous process.
A (red)	Clear the file information display.
B (green)	
C (blue)	
D (yellow)*	

* This function is available only for the USB mode.

NOTE

- When there are invalid music files, the X mark will be displayed for the file. (USB mode only.)
- The displayed play time may differ slightly from the actual play time depending on the files.
- A few seconds after the cursor is positioned on a thumbnail, the file information is displayed in the right of the center of the screen.



Enjoying Photo/Music/Video Playback

Playing Back Files on a USB Memory Device/Home Network Server (Continue)

Video Mode

Example



Buttons for file selecting operations

Buttons	Description
▲▼/◀▶	Select a desired item.
ENTER	When selecting a folder icon: Enter this directory. When selecting a video file: Play the video.
RETURN	Return to the previous process.
A (red)	Clear the file information display.
B (green)	
C (blue)	
D (yellow)*	

* This function is available only for the USB mode.

NOTE

- A few seconds after the cursor is positioned on a thumbnail, the file information is displayed in the right of the center of the screen.



Enjoying Photo/Music/Video Playback

Playing Back Files on a USB Memory Device/Home Network Server (Continue)



Buttons for playing mode

Buttons	Description
▲	Frame advance
▼	Stop playback
▶	Fast forward
◀	Fast rewind
A (red)	Clear OSD
B (green)	Previous file
C (blue)	Display/hide operation guide
D (yellow)	Next file
RETURN	Go back to the file selection screen.

Playing Back Files from a Portable Device or PC

With the remote playback function, you can use your portable device to play back pictures, video, and music on the Home Network server.

- To use the remote playback function, your portable device must be a DLNA Certified Digital Media Controller.
- A wireless access point is required to use a portable device.

Set Up Home Network

Make the settings for remote playback.

- 1 Press **◀▶** to select "Smart TV", and then press **ENTER**.
- 2 Press **▲/▼** to select "Internet Setup", and then press **ENTER**.
- 3 Press **▲/▼** to select "Home Network", and then press **ENTER**.
- 4 Press **▲/▼** to select the specific adjustment item, and then press **ENTER** to set each item.

Remote Control Play Settings

This setting allows the TV to perform remote playback.

Permitted/Not allowed

Timeout Setup

This sets the time until the TV returns automatically to TV mode after remote playback ends.

10 sec./60 sec./No

NOTE

- This function may not work while an Internet application is being used.
- For information on the compatible formats, see "Home Network Server Compatibility" on [see page 6-3](#).



Using LINK Operation

Controlling HDMI Equipment Using LINK Operation

What's LINK Operation?

- Using the HDMI CEC (Consumer Electronics Control) protocol, with LINK Operation you can interactively operate compatible system equipment (Blu-ray disc equipment, AV amplifier, DVD).
- LINK Operation allows you to operate the HDMI-connected equipment with one remote control.

NOTE

- For connecting the TV to LINK-compatible equipment, use commercially available cables.
- Point the remote control toward the TV, not to connected HDMI equipment.
- Video noise may occur depending on the type of HDMI cable used. Make sure to use an HDMI-certified cable.
- Up to 3 pieces of HDMI recording equipment and one AV amplifier can be connected using this system.
- These operations affect the HDMI equipment selected as the current input source. If the equipment does not operate, turn on the equipment and select the appropriate input source using **INPUT**.
- The LINK feature may not operate properly when an HDMI splitter or AV selector unit is used. These devices may cause interruptions to the image and/or sound.

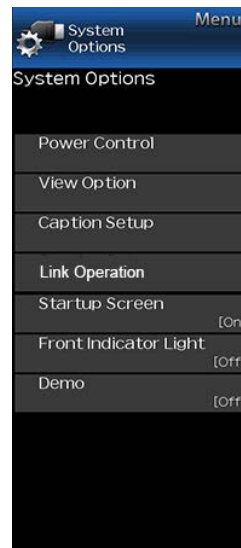
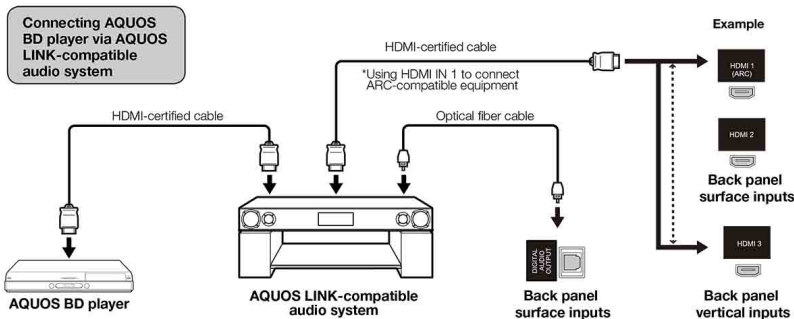
Connected LINK-compatible devices can be operated without changing the settings of the remote control unit.

Control the LINK-compatible audio system

Set the volume of LINK-compatible audio system.

NOTE

- The steps in "LINK Setup" on [see page 6-2](#) need to be completed beforehand.
- Refer to this operation manual and the operation manual of the LINK device to be used with this TV.





Controlling HDMI Equipment Using LINK Operation (Continue)

LINK Setup

Make the settings to use LINK Operation. Set the settings with "Initial Setup" > "Input Settings" > "LINK Setup".

Link Operation

Select LINK Operation Control to disable the LINK function even when a LINK-compatible HDMI device is connected to the TV. This function prevents the device from starting to operate unexpectedly.

Auto Power On

If this is activated, the One Touch Play function is enabled. While the TV is in standby mode, it automatically turns on and plays back the image from the HDMI source.

Audio Return Channel

This function allows you to listen to the TV audio via audio equipment without using an optical fiber cable, which conventionally is required.

Requirements for using an ARC-compatible AV amplifier:

- ARC-compatible AV amplifier connected to the ARC-compatible HDMI IN terminal. (HDMI IN 1) (Refer to the operation manual of the ARC-compatible equipment for details.)
- Use of an ARC-compatible cable.

Auto: You can listen to the TV audio with ARC-compatible audio equipment.

Off: This function does not work.

NOTE

- If the TV audio cannot be output from the AV amplifier even after making the necessary settings, connect the TV to the AV amplifier with an optical fiber cable and select "Off".







Controlling HDMI Equipment Using LINK Operation (Continue)

One Touch Playback



LINK Operation allows you to operate the HDMI-connected equipment with one remote control.

Press **▶** to start playing back a title.

- The last played program is played back. You can use the following buttons during broadcast viewing.

Buttons	Description
	Hold down this button to go in reverse.
	Starts playback. Sets pauses and still pictures.
	Hold down this button to fast forward.
	Stops playback.
	Pressing quickly once takes you to the start of the chapter currently playing. Each time you press it, you move back to the start of the previous chapter.
	Pressing quickly once takes you to the start of the next chapter. Each time you press it, you move ahead to the start of the next chapter.

NOTE

- The buttons   do not function with the following Blu-ray disc players currently available.
 - BD-HP20U, BD-HP50U





Link Operation Menu

Show Start Menu

You can call up a setup menu from the connected LINK-compatible equipment.

NOTE

- Depending on the status of the equipment (recording or in standby mode, etc), the setup menu will not be displayed.

Change Audio Output Device

You can select to listen to the TV sound only from the LINK-compatible audio system.

By AQUOS audio SP: The sound from the TV speaker is muted and only the sound from the LINK-compatible audio system is audible.

- You can use **VOL+/-** and **MUTE**.

By AQUOS SP: The sound is output from the TV speaker.

HDMI Device Selection

If multiple HDMI devices are connected in a daisy chain, you can specify which device to control here.

Press **▲▼** to select the desired device from a list of connected HDMI devices, and then press **ENTER**.

LINK Setup

You can also display the LINK Setup screen from the Link Operation Menu.

Using a PC

Adjusting the PC Image

You can adjust the position of the image input from a PC the settings with "Initial Setup" > "Input Settings" > "Fine Sync."

Fine Sync.

Ordinarily you can easily adjust the picture as necessary to change image position using "Auto Sync.". In some cases, however, manual adjustment is needed to optimize the image.

Input Signal: Select the input signal.

1024x768

1360 x 768

Auto Sync.: For automatically adjusting the PC image.

Yes: Auto Sync. starts and "Now adjusting the image." display.

No: This function does not work.

H-Pos.: Centers the image by moving it to the left or right.

V-Pos.: Centers the image by moving it up or down.

Clock: Adjust when the image flickers with vertical stripes.

Phase: Adjust when characters have low contrast or when the image flickers.

NOTE

- When "Auto Sync." is successful, "Completed" displays. If not, "Auto Sync." failed.
- "Auto Sync." may fail even if "Completed" displays.
- "Auto Sync." may fail if the computer image has low resolution, has unclear (black) edges, or is moved while executing "Auto Sync."
- Be sure to connect the PC to the TV and switch it on before starting "Auto Sync."
- For resetting all "Fine Sync." adjustment items to the factory preset values, press ▲▼ to select "Reset", and then press **ENTER**.
- It is not necessary to adjust the "Clock" or "Phase" when a digital signal is being input, so it cannot be selected.
- The default cursor position may not be in the center, because the screen position variable ranges may be asymmetrical.
- The screen position variable ranges depend on the View Mode or the signal type. The ranges can be seen on the position-setting screen.

Setting Audio Input

Audio Select

This function sets the terminal to output the computer audio. The adjustment items vary depending on the input source. Select the input source corresponding to the terminal connected to the PC and then adjust the desired item. To perform the operation, refer to "Initial Setup" > "Input Settings" > "Audio Select".

HDMI 2

HDMI(Digital): Select this when the TV and PC are connected using an HDMI-certified cable and audio is input via the same cable.

HDMI+Analog: Select this when the TV and PC are connected using an HDMI-certified cable and the audio is input via a Ø 3.5 mm stereo minijack.

NOTE

- When "Audio Select" is set to "HDMI(Digital)", sound will not be produced if you use only an HDMI-certified cable to connect HDMI-compatible equipment. To produce sound, you should make an analog audio connection.
- If you want to connect HDMI-compatible equipment using only an HDMI-certified cable, set "Audio Select" to "HDMI(Digital)".

Using a PC

Control of the TV

- The TV can be controlled from a PC, control panels and other devices using the IP.
- Use a cross-type ETHERNET cable (commercially available) or wireless LAN for the connections.

NOTE

- This operation system should be used by a person who is accustomed to using computers.

Detailed Settings

Make the detailed settings (Login ID, password, etc.).
Follow the on-screen instructions to configure the settings.

TV Name Setting

- Set the name of the TV displayed on other network devices.
- Use the software keyboard to set the name.

Communication Conditions for IP

Connect to the TV with the following settings made for IP on the PC.

IP protocol:	TCP/IP
Host IP address:	Set the IP address on the TV menu
Service:	None (Do not select Telnet or SSH)
TCP port#:	Set a port number on the TV menu (Control port)

When you set your ID and password on the TV menu, you need to enter them as soon as you connect to the TV.

NOTE

- When you use this function, make settings for "AQUOS Remote Control".
- The connection will be cut off when there has been no communication for 3 minutes.

Communication procedure

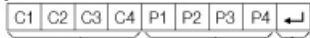
Send the control commands from the PC via the IP.
The TV operates according to the received command and sends a response message to the PC.
Do not send multiple commands at the same time.
Wait until the PC receives the OK response before sending the next command.

Using a PC

Control of the TV (Continue)

Command format

Eight ASCII codes +CR



Command 4-digits Parameter 4-digits Return code

Command 4-digits: Command. The text of four characters.

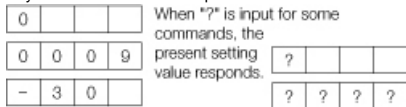
Parameter 4-digits: Parameter 0-9, x, blank, ?

Parameter

Input the parameter values, aligning left, and fill with blank(s) for the remainder. (Be sure that 4 values are input for the parameter.)

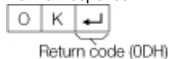
When the input parameter is not within an adjustable range, "ERR" returns. (Refer to "Response code format".)

Any numerical value can replace the "x" on the table.



Response code format

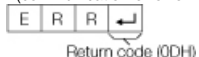
Normal response



Return code (ODH)

Problem response

(communication error or incorrect command)



Return code (ODH)

Command table

- Commands not indicated here are not guaranteed to operate.

CONTROL ITEM		COMMAND				PARAMETER			CONTROL CONTENTS		
POWER ON COMMAND SETTING		R	S	P	W	0	_	_	_	Off	The Power On command rejected.
						2	_	_	_	On [IP]	The Power On command accepted.
POWER SETTING		P	O	W	R	0	_	_	_	Power Off	It shifts to standby.
						1	_	_	_	Power On	Power On
INPUT SELECTION	TOGGLE	I	T	G	D	x	_	_	_	(Toggle)	It input-switches by the toggle. (It is the same as an input change key)
	TV	I	T	V	D	0	_	_	_		It input-switches to TV. (A channel remains as it is. (Last memory))
	1-8	I	A	V	D	*	_	_	_	1: HDMI IN 1, 2: HDMI IN 2, 3: HDMI IN 3, 4: HDMI IN 4, 5: COMPONENT IN, 6: VIDEO IN 1, 8: PC IN	

NOTE

- If an underbar (_) appears in the parameter column, enter a space.
- If an asterisk (*) appears, enter a value in the range indicated in brackets under CONTROL CONTENTS.
- Any numerical value can replace the "x" on the table.

Using a PC

Control of the TV (Continue)

CONTROL ITEM	COMMAND				PARAMETER				CONTROL CONTENTS		
AV MODE SELECTION	A	V	M	D	*	*	*	_	0: (Toggle), 1: STANDARD (ENERGY STAR), 2: MOVIE, 4: USER, 5: DYNAMIC (Fixed), 6: DYNAMIC	Although it can choose now, it is toggle operation in inside.	
VOLUME	V	O	L	M	*	*	*	_	Volume (0-100)		
POSITION	H-POSITION	H	P	O	S	*	*	*	_		The screen position variable ranges depend on the View Mode or the signal type.
	V-POSITION	V	P	O	S	*	*	*	_		
	CLOCK	C	L	C	K	*	*	*	_	Only PC mode. (0-180)	
	PHASE	P	H	S	E	*	*	_	_	Only PC mode. (0-40)	

CONTROL ITEM	COMMAND				PARAMETER				CONTROL CONTENTS	
VIEW MODE	W	I	D	E	*	*	_	_	0: (Toggle) [AV], 1: Side Bar [AV], 2: S.Stretch [AV] 3: Zoom [AV], 4: Stretch [AV], USB-Video, Home Network Video or Internet applications], 5: Normal [PC] 6: Zoom [PC], 7: Stretch [PC], 8: Dot by Dot [PC] [AV], 9: Full Screen [AV] 10: Auto [USB-Video, USB-Photo, Home Network Video, Photo or Internet applications], 11: Original [USB-Video, USB-Photo, Home Network Video, Photo or Internet applications]	0: Although it can choose now, it is toggle operation in inside. 1: Only available when 4:3 signal is being input. 5, 6: Only available when 4:3 signal is being input. 8: [PC] Available except when UXGA is being input. [AV] Only available when 1080i/p is being input. 9: Only available when 720p is being input. 10, 11: Available when USB-Video, USB-Photo, Home Network Video, Photo or Internet application is used.
MUTE	M	U	T	E	*	_	_	_	0: (Toggle), 1: On, 2: Off	

NOTE

- If an underbar (_) appears in the parameter column, enter a space.
- If an asterisk (*) appears, enter a value in the range indicated in brackets under CONTROL CONTENTS.
- Any numerical value can replace the "x" on the table.

Using a PC

Control of the TV (Continue)

CONTROL ITEM	COMMAND				PARAMETER				CONTROL CONTENTS
SURROUND	A	C	S	U	*	_	_	_	0: (Toggle), 1: On, 2: Off
AUDIO SELECTION	A	C	H	A	x	_	_	_	(Toggle)
SLEEP TIMER	O	F	T	M	*	_	_	_	0: Off, 1: OFF TIMER - 30 MIN., 2: OFF TIMER - 60 MIN., 3: OFF TIMER - 90 MIN., 4: OFF TIMER - 120 MIN.

CONTROL ITEM	COMMAND			PARAMETER				CONTROL CONTENTS			
CHANNEL	DIRECT CHANNEL (ANALOG)	D	C	C	H	*	*	*	-	The channel number of TV (1-135)	An input change is included if it is not TV display. In Air, 2-69ch is effective. In Cable, 1-135ch is effective.
	DIRECT CHANNEL (DIGITAL)	D	A	2	P	*	*	*	*	(0100-9999)	DIGITAL Air (Two-Part numbers, 2-digit plus 2-digit)
		D	C	2	U	*	*	*	-	(1-999)	DIGITAL Cable (Two-Part numbers, 3-digit plus 3-digit) Front half of DIGITAL CABLE CHANNEL NO. (Designate major channel)
	D	C	2	L	*	*	*	-	(0-999)	DIGITAL Cable (Two-Part numbers, 3-digit plus 3-digit) Rear half of DIGITAL CABLE CHANNEL NO. (Designate minor channel)	

NOTE

- If an underbar (_) appears in the parameter column, enter a space.
- If an asterisk (*) appears, enter a value in the range indicated in brackets under CONTROL CONTENTS.
- Any numerical value can replace the "x" on the table.

Using a PC

Control of the TV (Continue)

CONTROL ITEM		COMMAND				PARAMETER				CONTROL CONTENTS	
CHANNEL	DIRECT CHANNEL (DIGITAL)	D	C	1	0	*	*	*	*	(0-9999)	DIGITAL Cable (One-Part numbers, 5-digit, less than 10,000)
		D	C	1	1	*	*	*	*	(0-6383)	DIGITAL Cable (One-Part numbers, 5-digit, more than 10,000)
	CH UP	C	H	U	P	x	-	-	-	The channel number of TV +1	If it is not TV display, it will input-switch to TV. (same function as CH ▲)
	CH DOWN	C	H	D	W	x	-	-	-	The channel number of TV -1	If it is not TV display, it will input-switch to TV. (same function as CH ▼)
CC		C	L	C	P	x	-	-	-	(Toggle)	Toggle operation of a closed caption.
DEVICE NAME		T	V	N	M	1	-	-	-		The device name set in "TV Name Setting" is displayed.
MODEL NAME		M	N	R	D	1	-	-	-		The model name of the TV













CONTROL ITEM	COMMAND				PARAMETER				CONTROL CONTENTS	
	S	W	V	N	1	-	-	-		
SOFTWARE VERSION					1	-	-	-		The current version of the TV software is displayed.
IP PROTOCOL VERSION	I	P	P	V	1	-	-	-		The currently supported version of IP protocol is displayed.

NOTE

- If an underbar (_) appears in the parameter column, enter a space.
- If an asterisk (*) appears, enter a value in the range indicated in brackets under CONTROL CONTENTS.
- Any numerical value can replace the "x" on the table.

Using a PC

Control of the TV (Continue)

CONTROL ITEM	COMMAND				PARAMETER				CONTROL CONTENTS
REMOTE CONTROL BUTTONS	R	C	K	Y	*	*	-	-	0-10: 0-9, 11: DOT, 12: ENT, 13: POWER, 14: DISPLAY, 15:  , 16:  , 17:  , 18:  , 19:  , 20:  , 21: SLEEP, 22: CC, 23: AV MODE, 24: VIEW MODE, 25: FLASH BACK, 26: MUTE, 27: VOL -, 28: VOL +, 29: CH  , 30: CH  , 31: INPUT, 32: MENU, 33: SMART, 34: ENTER, 35:  , 36:  , 37:  , 38:  , 39: RETURN, 40: EXIT, 41: FAV CH, 42: AUDIO, 43: A (red), 44: B (green), 45: C (blue), 46: D (yellow), 47: FREEZE, 48: FAV APP 1, 49: FAV APP 2, 50: FAV APP 3, 51: NETFLIX, 52: E-MANU.

NOTE

- If an underbar (_) appears in the parameter column, enter a space.
- If an asterisk (*) appears, enter a value in the range indicated in brackets under CONTROL CONTENTS.
- Any numerical value can replace the "x" on the table.

Using a PC

PC Compatibility Chart

It is necessary to set the PC correctly to display XGA and WXGA signal.

Resolution		Horizontal Frequency	Vertical Frequency	VESA Standard
VGA	720 x 400	31.5 kHz	70 Hz	—
	640 x 480	31.5 kHz	60 Hz	○
		37.9 kHz	72 Hz	○
		37.5 kHz	75 Hz	○
SVGA	800 x 600	35.1 kHz	56 Hz	○
		37.9 kHz	60 Hz	○
		48.1 kHz	72 Hz	○
		46.9 kHz	75 Hz	○
XGA	1024 x 768	48.4 kHz	60 Hz	○
		56.5 kHz	70 Hz	○
		60.0 kHz	75 Hz	○
WXGA	1360 x 768	47.7 kHz	60 Hz	○
SXGA	1280 x 1024	64.0 kHz	60 Hz	○
SXGA+	1400 x 1050	65.3 kHz	60 Hz	○
UXGA	1600 x 1200	75.0 kHz	60 Hz	○
1080p	1920 x 1080	67.5 kHz	60 Hz	—

VGA and XGA are registered trademarks of International Business Machines Corp.

Using the Internet

By connecting your TV to a broadband system, you can access the Internet from the TV.

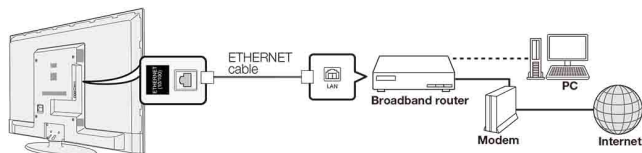
- You can enjoy a variety of streaming content and Internet applications.
(See pages 8-3 to 8-4.)

Connecting to the Internet

- To connect your TV to the Internet, you must have a broadband Internet connection.
- If you do not have a broadband Internet connection, consult the store where you purchased your TV or ask your Internet service provider or telephone company.
- When an Internet connection is made, an Ethernet and wireless connection cannot be used at the same time. Use only one of the connection types.

Using an ETHERNET cable

Use an ETHERNET cable (commercially available) to connect the ETHERNET terminal on the TV to your broadband router (commercially available).



Using the wireless LAN

This TV is equipped with a wireless LAN function.

For a wireless LAN connection, you must use "Wireless Setup" to connect the access point and TV.



NOTE

- This TV has a built-in wireless LAN function. Using a separate wireless USB LAN adapter may result in radio communications that do not comply with regulations on radio communications. Therefore, do not use a separate wireless LAN adapter.
- A wireless LAN connection and performance cannot be guaranteed for all residential environments. In the following cases, the wireless LAN signal may be poor or drop, or the connection speed may become slower.
 - When used in buildings made with concrete, reinforced steel, or metal
 - When placed near objects that obstruct the signal
 - When used with other wireless devices that emit the same frequency
 - When used in the vicinity of microwave ovens and other devices that emit a magnetic field, electrostatic charge, or electromagnetic interference
- When there is significant interference in the 2.4-GHz frequency (such as from other wireless LAN devices, Bluetooth® devices, 2.4-GHz cordless telephones, and microwave ovens), it is recommended that you use a wireless LAN router/access point that supports IEEE802.11a/n (5 GHz) and set the access point to transmit at 5 GHz. For setup details, see the operation manual of your access point.

Internet Setup

Perform the procedure below to make adjustments or to confirm the settings for accessing the Internet.

- 1 Press **MENU** to display the MENU screen, and then press **ENTER**.
- 2 Press **◀▶** to select "Smart TV", and then press **ENTER**.
- 3 Press **▲▼** to select "Internet Setup", and then press **ENTER**.
- 4 Press **▲▼** to select "Connection Type", "Wired Setup" or "Wireless Setup", and then press **ENTER**.
 - Select "Wired Setup" or "Wireless Setup" when you make general adjustments to connect to the Internet.
- 5 Press **▲▼** to select a specific item, and then press **ENTER**.
- 6 Press **▲▼** (or **◀▶**) to select the desired setting, and then press **ENTER**.
- 7 Press **MENU** to exit.

Connection Type

Select the connection type.

Wired: The signal is detected and setup is performed automatically. Use "IP Setup" to check and change the settings as necessary.

Wireless: Configure the access point settings on "Wireless Setup".



Internet Setup (Continue)



Wireless Setup

Make adjustments and confirm the settings necessary for wireless LAN connection (such as search for the access point and registration of it).

WPS push button: Allows the TV to automatically establish the connection using a button on the access point.

WPS PIN code: Sets up the connection by registering a PIN code for the access point.

Selecting wireless network: Searches for and selects the access point to be connected.

Registering wireless network: Allows you to make the connection by entering an SSID for the access point. If your access point supports Wi-Fi Protected Setup (WPS push button method), it is recommended that you use this function for the wireless connection. You can press the WPS button on the access point to configure the settings automatically.

- The name of the WPS button function may differ depending on the access point. See the operation manual of the access point for details.

- Confirm the current settings in "Connection Type".
 - If "Wired" is selected, press **◀▶** to select "Wireless".
- Press **▲▼** to select "Wireless Setup", and then press **ENTER**.
 - Confirm the settings. If each setting item is correct, press **MENU** to exit.
 - If you are configuring the wireless setup for the first time or changing the settings, go to step 3.
- Press **◀▶** to select "Change", and then press **ENTER**.
- Select the desired connection method and follow the instructions shown on the display.
- When a connection is established, the connection details are displayed. Press **ENTER**.

NOTE

- Operations cannot be guaranteed when used with access points that do not have Wi-Fi® certification.
- A wireless LAN router/access point is required to connect the TV to the Internet using a wireless LAN. See the operation manual of your access point for setup.
- If your access point is set to a stealth mode (that prevents detection by other devices), you may not be able to establish a connection. In this case, disable the stealth mode on the access point.
- A stable connection speed is required to play back streaming content. Use an Ethernet connection if the wireless LAN speed is unstable.
- Before transferring to a third party or disposal, be sure to initialize the wireless LAN settings.
- Please follow the legislation in your country when using the wireless LAN outdoors.

IP Setup

You can make adjustments manually for the IP.

- Check that numbers are displayed for each setting.
- If there are any settings without numbers, specify the numbers by following the on-screen instructions.
- Input the IP address by using remote control buttons 0-9.

Example



Internet Setup (Continue)

Connection Test

After the connecting and setting procedures have been completed, you can check that the preparation is correct. Press "Yes" to start the "Connection Test".

- When the test results are displayed, follow the instructions shown on the screen.



Entering Text (Software Keyboard)

When you are editing an input screen or specifying the Network settings used for accessing the Internet, enter text from the software keyboard.

NOTE

- You can enter up to 128 characters for text.
- Some special characters or diacritics may not be available depending on where you enter the text.

The text you enter is displayed as you type it in.

To move the cursor (the current input position), use "<->" or "<->" on the software keyboard.



While you are entering text, likely input conversion candidates are displayed based on what you typed in.

CapsLock

If "alphabet" is selected, this switches characters between uppercase and lowercase. Each time you press **ENTER**, the character type switches.

Symbol

Press **ENTER** to select the type of characters entered: alphabet, or sign.

BackSpace/Delete

Erases text one character at a time.



Entering Text (Software Keyboard) (Continue)



Enter

Applies the entered information and closes the software keyboard.

Space

Enters a space.


Clear

Erases the character string.

- When the cursor is somewhere in a line: the character string to the right of the cursor will be erased.
- When the cursor is at the right end of a line: the entire line will be erased.

Close

Closes the software keyboard without applying the entered information.

Buttons on the remote control unit	Description
	Moves the focus. When moved at the far edge, the focus moves to the opposite edge.
ENTER	Performs the processing for the button currently in the focus.
EXIT	Closes the software keyboard without applying the original input elements for the entered text.
RETURN	
0-9	Directly enters the single-byte number for that button.

Using the Browser

- 1 Press **SMART**, press **◀▶** (or **▲▼**) to select the browser icon from the application window, and then press **ENTER**.
 - Press **SMART** again to switch back to the currently tuned channel.

Buttons for Using the Browser

ENTER, ▲▼◀▶

- Press **▲▼◀▶** to select a link that you want to jump, and then press **ENTER**.

EXIT

- Press the button to return to the TV screen.

RETURN

- Press the button to return to the previous page.

NOTE

- Restrictions apply to window display.







Using the Browser (Continue)




Pages with security protection, "  " will be displayed.



Tool bar



Selected item	Description
	Allows you to go back to the previous page.
	Allows you to go to the next page.
	Refreshes the page. Interrupts a page while it is loading.
	Displays the home page. You can set the page displayed as your home page when the browser starts up. (See page 8-7.)

Selected item	Description
	Displays the bookmarks list.
	Displays your browsing history.
	Configures browser settings such as your home page and browsing security.


Using the Toolbar

You can use the toolbar to control the browser and to specify settings.

Press  to select a function, and then press **ENTER**.

Browsing Web Contents

You can display the web content you want to enjoy.

- 1 Press  to move to the address area in the toolbar, and then press **ENTER**.
 - The Enter Address menu is displayed.
- 2 Enter an address, and then press **ENTER**.
 - The web content you want to view is displayed.

Using the Browser (Continue)

CAUTION

- If the power is cut off due to a power failure or the TV being unplugged while you are using the Internet, information such as bookmarks or cookies may not be saved correctly.

NOTE

When a security notification window is displayed:

- Press **ENTER** to close the window.
- This window appears when you visit a web page that has security protection, or when you move from a protected page to an unprotected page.
- In "Security" you can set whether or not this window is displayed.

To users who access the Internet from a PC

- When you access the Internet from this TV, the procedures may not be the same as regular browser-based access on a PC.
- On some pages, video and audio, text or images may not be displayed correctly.

About links

- Web pages on the Internet often include "links" that allow you to jump to other web pages (or sites).
- "Links" can take various forms, including words or images, but they always work in the same way letting you jump to the link destination when you select them.
- Selected items (such as links of text input fields) are enclosed in a frame.
- You can jump from a "link" to the corresponding link destination.

DISCLAIMERS

SHARP corporation bears no responsibility regarding the content and quality of the content provided by the content serve provider.





Using the Browser (Continue)

Browser Settings

You can check or modify your browser settings from the Browser menu.

- 1 Press **ENTER** to select "⚙️" in the toolbar, and then press **ENTER**.
- 2 Press **▲/▼** to select and confirm the item you want to set.
- 3 Press **▲/▼/◀/▶** to specify the required setting, and then press **ENTER**.

Home Page: You can set the page displayed as your home page when the browser starts up.

Encoding: You can select the desired encoding from the list below:

Western (ISO-8859-1)/Unicode (UTF-8)

Page Information: Displays information about the currently displayed page.

Security:

Secure sites:

When set to "Disabled", HTTPS sites cannot be accessed.

Security warnings:

When set to "Enabled", displays warning dialogs when going HTTP ↔ HTTPS.

Certificates: Display the list of certificates. You can choose to enable/disable a certificate.

- Disable certificate are shown unticked in the certificate list screen.

Cookies:

Accept all: Select this option to accept all cookies.

Reject all: Select this option when you do not want to accept cookies.

Delete All Cookies: Deletes all your cookies.

Using Keyboard and Mouse

You can use a keyboard or mouse for operating the TV while using the browser.

- When you use the USB devices, connect the device to the USB terminal on the TV.

NOTE

- The keyboard and mouse can only be used on a browser screen. The keyboard or mouse may not operate properly depending on the application being used.





Using Applications via the Internet

By connecting the TV to the Internet, you can enjoy a variety of broadband content, including videos, music and photos.



Please check that the most current software is loaded on TV by selecting "Software Update On Information" on "Software Update"
<http://www.sharpusa.com/products/support/>
to check for a download of the newest software version.

Use the application window to access your favorite Internet applications. Press **SmartCentral** to display the application window.

Follow the on-screen instructions for each application.

- When using this TV to access an Internet application for the first time, the Disclaimer appears on the screen. Press **▲/▼** to select "Agree", and then press **ENTER**. (You must select "Agree" to use the application.)
- Check the web site of the provider for details on setup and use of the functions.

NOTE

- If  or  is displayed after you connect to the Internet, check your TV's network settings and connection.
- Additional applications will be available in the future.
- These applications are provided by content providers. The available applications vary depending on your country or region.
- The delivery speed of applications varies depending on the network speed. Check the web site of the provider for details on application setup and other information.

Using the Application Window

During Dock Display

You can move the application icons and delete any unused icons.

Example



- 1 Select an application, and then press **▲**.
- 2 Press **▲/▼** to select "Move App" or "Delete App", and then press **ENTER**.

Move the Icons

You can move the icons of the more commonly used applications closer to the left. Press **◀/▶** to move the icon to the desired location.

Saving Favorite Applications

You can set your favorite applications to the **FAV APP 1**, **2**, and **3** buttons on the remote control for easier startup. The applications whose icons are moved onto **①**, **②** and **③** during Dock Display will be assigned to the **FAV APP 1**, **2** and **3** buttons respectively.

Using Applications via the Internet (Continue)

Deactivating Netflix Function

You can deactivate the Netflix function. Refer to "Smart TV" > "Advanced" > "Netflix Help" and select "Deactivate".

- To confirm the Netflix status, check the information displayed on the screen and click "OK".

Deactivating the VUDU Function

To deactivate the VUDU function, refer to "Smart TV" > "Advanced" > "VUDU Help" and select "Yes". When you access the Internet application for the first time, the following appears.

- This message is available only in English.



Using the Internet

Notes

DISCLAIMERS

- This SHARP device facilitates the access to content and services provided by third parties. The content and services accessible via this device belong to and may be proprietary to third parties. Therefore, any use of such third party content and services must be in accordance with any authorization or terms of use provided by such content or service provider. SHARP shall not be liable to you or any third party for your failure to abide by such authorization or terms of use. Unless otherwise specifically authorized by the applicable content or service provider, all third party content and services provided are for personal and non-commercial use; you may not modify, copy, distribute, transmit, display, perform, reproduce, upload, publish, license, create derivative works from, transfer or sell in any manner or medium any content or services available via this device.
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Examples of Application Logos

The logo for Netflix, consisting of the word "NETFLIX" in a bold, sans-serif font.The logo for Vudu HD Movies, featuring the word "vudu" in a stylized lowercase font followed by "HD Movies" in a smaller, sans-serif font.The logo for YouTube, featuring the word "You" in a sans-serif font followed by "Tube" in a bold, sans-serif font inside a rounded rectangle.

Removing the Stand

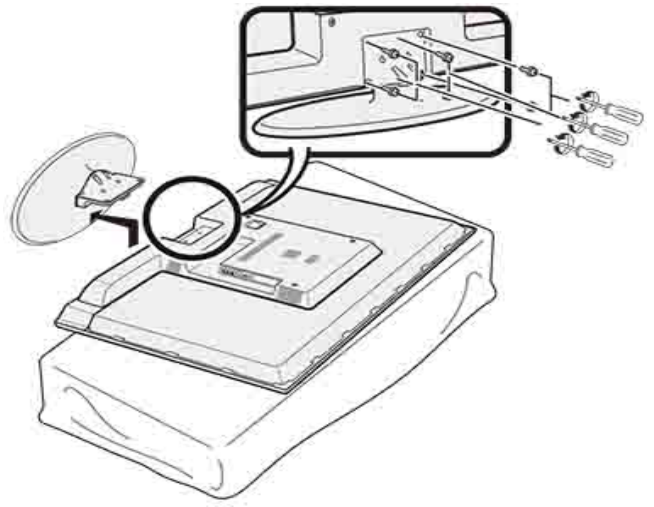
- Before detaching (or attaching) the stand, make sure to turn off the TV and unplug the AC cord.

CAUTION

- Do not remove the stand from the TV unless using an optional wall mount bracket to mount it.

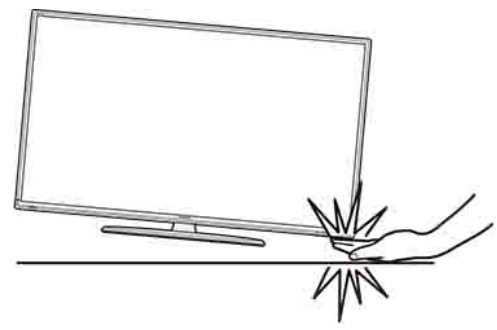
Unfasten the six screws used to secure the stand in place.

Example



NOTE

- Be sure to always carry the TV by two people holding it with two hands.
- In the installation procedure, be careful not to catch your fingers between the TV set and the floor.

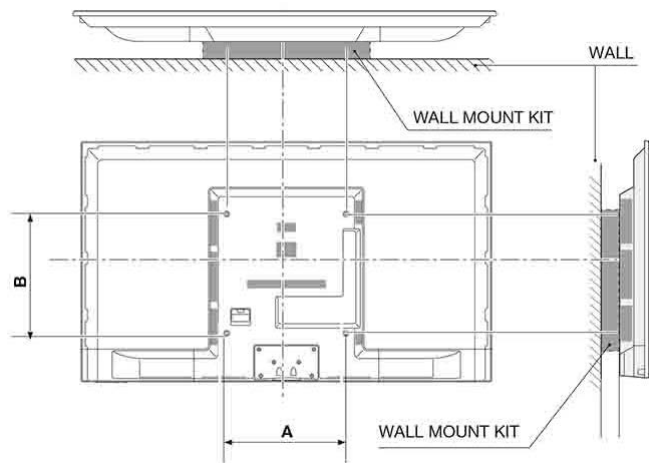


Setting the TV on the Wall

Wall Mount Kit Specifications

Standard dimensions for wall mount kits are shown below.

The illustration is based on the LC-60LE644U model as an example.

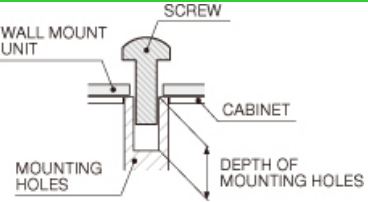


The mounting means should be strong enough to bear the weight of the display.
The wall mounting bracket should have UL or related approval.

Model	
Item	LC-60LE644U
Wallmount Footprint (A x B)	400mm x 400mm

Appendix

Setting the TV on the Wall(Continue)



For the screws, refer to the table shown below.

Model	
Item	LC-60LE644U
Standard Screws	M6 (Use 1.0 pitch screws)
Length(Depth of mounting holes)	15/32 (12mm)
Quantity	4pcs

NOTE

- Do not mount the TV at a tilt.
- Do not use screws that do not comply with the VESA standard screw specifications.
- Do not use screws that are longer than the standard length. Screws that are too long may cause damage to the inside of the TV.
- Do not fasten the screws too firmly or loosely. This may damage the product or cause the product to fall, leading to personal injury. SHARP is not liable for these kinds of accidents.
- SHARP is not liable for product damage or personal injury when a non-VESA or non-specified wall mount is used or the consumer fails to follow the product installation instructions.



Do not install the wall mount kit while your TV is turned on. It may result in personal injury due to electric shock.

Appendix

Troubleshooting

Problem	Possible Solution
• No power	<ul style="list-style-type: none"> • Check if you pressed POWER on the remote control unit. • Is the AC cord disconnected? • Has the power been turned on?
• Unit cannot be operated.	<ul style="list-style-type: none"> • External influences such as lightning, static electricity, may cause improper operation. In this case, operate the unit after first turning off the power of the TV or unplugging the AC cord and replugging it in after 1 or 2 minutes.
• Remote control unit does not operate.	<ul style="list-style-type: none"> • Is the equipment to be operated by the remote control unit set correctly? Press TV to set the remote control unit to the setting for operating the TV. • Are batteries inserted with polarity (+, -) aligned? • Are batteries worn out? (Replace with new batteries.) • Are you using it under strong or fluorescent lighting? • Is a fluorescent light illuminated near the remote control sensor?
• Picture is cut off/with sidebar screen.	<ul style="list-style-type: none"> • Is the image position correct? • Are screen mode adjustments such as picture size made correctly? see pages 3-14 to 3-16
• Strange color, light color, or color misalignment	<ul style="list-style-type: none"> • Adjust the picture tone. see pages 4-17 to 4-20 • Is the room too bright? The picture may look dark in a room that is too bright.
• Power is suddenly turned off.	<ul style="list-style-type: none"> • Is the sleep timer set? see page 3-9 • Check the power control settings. • The unit's internal temperature has increased. Remove any objects blocking vent or clean.

Problem	Possible Solution
• No picture	<ul style="list-style-type: none"> • Is connection to other components correct? • Is the correct input selected? see page 2-1 • Is "On" selected in "Audio Only"? • If the PC image is not displayed, check the following: <ul style="list-style-type: none"> - When connecting a laptop PC to the TV, check that display output mode of the PC is set to external monitor. - Check the resolution setting on the PC. Is a non-compatible signal being input? see page 8-9
• Picture quality of HD programs is poor.	<ul style="list-style-type: none"> • To enjoy HD images from external equipment, you are required to set up HDMI connection or component connection. • If the program content is not of HD quality, HD images cannot be displayed. Check that the program you are viewing provides HD images. • The HD cable/satellite set-top box may need to be configured to output HD images via cable/satellite. • The cable/satellite broadcast may not support a signal resolution of 1080p.
• The TV sometimes makes a cracking sound.	<ul style="list-style-type: none"> • This is not a malfunction. This happens when the cabinet slightly expands and contracts according to change in temperature. This does not affect the TV's performance.
• Some Internet functions used on a PC are not available from the TV.	<ul style="list-style-type: none"> • The TV has only limited functions compared with regular PC browsers.

Troubleshooting (Continue)

Problem	Possible Solution
<ul style="list-style-type: none"> No sound 	<ul style="list-style-type: none"> Is connection to other components correct? Is the volume too low? see page 3-2 Is "Variable" selected in "Output Select"? Have you pressed MUTE on the remote control unit? see page 3-3 Check the audio output of the connected external equipment. Is the volume too low or muted? When external equipment is connected via an HDMI cable, you may need to configure the audio to be output through the HDMI cable. When audio is not output from external equipment connected to the PC IN or HDMI IN 2 terminal, check the "Audio Select" setting. See pages 3-8, 4-21 Even when external equipment is connected using an HDMI-certified cable, an audio cable connection may be required depending on the type of equipment and the media being played back. In this case, in addition to connecting an HDMI-certified cable to the HDMI IN 2 terminal, connect a Ø 3.5 mm stereo minijack cable to the AUDIO IN terminal and set "Audio Select" to "HDMI+Analog". See pages 3-8, 4-21 When connecting a PC via an HDMI-certified cable, check the following: <ul style="list-style-type: none"> - Is the audio output of the PC configured correctly? Check the audio output settings and output audio format in Sound Properties on the PC. The audio formats compatible with this TV are PCM, Dolby Digital and DTS. With other formats, audio cannot be output. - Depending on the board, only video signals may be output. In this case, in addition to connecting an HDMI-certified cable to the HDMI IN 2 terminal, connect a Ø 3.5 mm stereo minijack cable to the AUDIO IN terminal and set "Audio Select" to "HDMI+Analog". See pages 3-8, 4-21

Troubleshooting - Error Message

The example of an error message displayed on a screen	Error code	Possible Solution
• Failed to receive broadcast.	E202	• Check the antenna cable. Check that the antenna is correctly setup.
• No broadcast now.	E203	• Check the broadcast time in the program guide.
• An incompatible audio signal has been received. Check the output device settings.	—	• This message is displayed when an audio format other than PCM or Dolby Digital is input. - Set the audio output format of connected external HDMI equipment to PCM or Dolby Digital. - Refer to the operation manual of the external equipment for setting details.

Information on the Software License for This Product

Software License

You can read the software licenses in the on-screen display menu. Refer to "Information" > "Software License".

Software composition

The software included in this product is comprised of various software components whose individual copyrights are held by SHARP or by third parties.

Cautions regarding use in high and low temperature environments

- When the unit is used in a low temperature space (e.g. room, office), the picture may leave trails or appear slightly delayed. This is not a malfunction, and the unit will recover when the temperature returns to normal.
- Do not leave the unit in a hot or cold location. Also, do not leave the unit in a location exposed to direct sunlight or near a heater, as this may cause the cabinet to deform and the front panel to malfunction.

Storage temperature: -4°F to +140°F (-20°C to +60°C)

CLEARING THE SECRET NUMBER

If you forget the secret number, clear the secret number using the following procedure.

- 1 Select an item from the list below to display the secret number input screen. (For operating the on-screen display menu, [see page 4-3.](#))
 - "Color System" (←"Input Settings" ←Initial Setup menu).
 - "Easy Setup" or "Reset" (←Initial Setup menu).
 - "Channel Setup" (←"TV Channel Setup" ←Initial Setup menu).
 - "Parental Control" (←Initial Setup menu).
 - "Software Update" (←Information menu).
- 2 Press and hold both **CH▲** and **VOL+** on the TV simultaneously until the message appears on the screen.

Specifications

TV

Item		Model: LC-60LE644U	
LCD panel	Size	60" Class (60 1/32" Diagonal)	
	Resolution	2,073,600 pixels (1,920 x 1,080)	
TV Function	TV-standard (CCIR)	American TV Standard ATSC/NTSC System	
	Receiving Channel	VHF/UHF	VHF 2-13ch, UHF 14-69ch
		CATV	1-135ch (non-scrambled channel only)
		Digital Terrestrial Broadcast (8VSB)	2-69ch
		Digital cable*1 (64/256 QAM)	1-135ch (non-scrambled channel only)
Audio multiplex	BTSC System		
Audio out		8W x 2	
Terminals	Back panel surface side	L-AUDIO-R	L/R audio input
		ANT/CABLE	75 Ω Unbalance, F Type x 1 for Analog (VHF/UHF/CATV) and Digital (AIR/CABLE)
		ETHERNET(10/100)	Network connector
		USB(DC5V 500mA)	Photo/Music/Video mode, Software update, USB keyboard/mouse, Wallpaper Picture
		DIGITAL AUDIO OUT	Optical Digital audio out x 1 (PCM/Dolby Digital)
	Back panel surface down	HEADPHONE	HEADPHONE connector
		HDMI 3	HDMI in with HDCP
		HDMI 2	HDMI in with HDCP, Audio in (Ø 3.5 mm stereo jack)
		HDMI 1(ARC)	HDMI in with HDCP, ARC
		PC IN ANALOG RGB	ANALOG RGB (PC) in (15-pin mini D-sub female connector), Audio in (Ø 3.5 mm stereo jack)
		PC IN AUDIO	Audio in (Ø 3.5 mm stereo jack)
	COMPONENT/VIDEO IN	COMPONENT in, AV in	
OSD language		English/French/Spanish	
Power Requirement		AC 120 V, 60 Hz	
On Mode Power		98 W	
Power Consumption		150 W	
Weight	TV + stand	50.7 lbs./23.0 kg	
	TV only	43.0 lbs./19.5 kg	
Dimensions*2 (W x H x D)(inch)	TV + stand	54 15/64" x 34 17/64" x 13"	
	TV only	54 15/64" x 31 3/4" x 3 31/32"	
Operating temperature		+32°F to +104°F (0°C to +40°C)	

*1 Emergency alert messages via Cable are unreceivable.

- As part of policy of continuous improvement, SHARP reserves the right to make design and specification changes for product improvement without prior notice. The performance specification figures indicated are nominal values of production units. There may be some deviations from these values in individual units.
- On Mode Power Consumption is measured according to Energy Star program requirements for televisions.

Specifications

Wireless LAN

Specification	
Standard	IEEE 802.11b/g/n
Frequency Band	2412-2484 MHz
Security	Static WEP (64/128 bit key Index 1 only) WPA-PSK (TKIP) WPA2-PSK (AES)
Modulation	BPSK@6/9 Mbps QPSK@12/18Mbps 16-QAM@24Mbps 64-QAM@48/54Mbps and above, Rx up to 300Mbps

Trademarks

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• Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories.

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• The Wi-Fi Protected Setup Mark is a mark of the Wi-Fi Alliance.
• Wi-Fi CERTIFIED Miracast™ and Miracast™ are trademarks of Wi-Fi Alliance.

• This product includes Home Networking Software 'DiXiM' developed by DigiOn, Inc.

• LCフォント、LCFONT、エルシーフォント and LC logo mark are registered trademarks of SHARP Corporation.
This product is embedded with LC Font technology, which was developed by SHARP Corporation for clearly displaying easy-to-read characters on LCD screens. However, other fonts are used for some screen pages, too.

• Netflix and the Netflix logo are the registered trademarks of Netflix, Inc.

• VUDU™ is a trademark of VUDU, Inc.

ENERGY STAR® User Information

- For more information on the ENERGY STAR program, you can refer to energystar.gov.
- Leaving the ENERGY STAR home mode or enabling optional features will cause an increase power consumed.
- This product qualifies for ENERGY STAR when "Home" is selected for "TV Location". Setting "TV Location" to "Home" allows the TV to achieve an energy-saving status for household use.

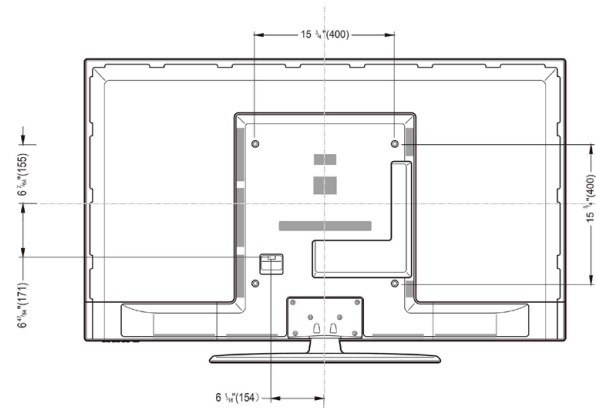
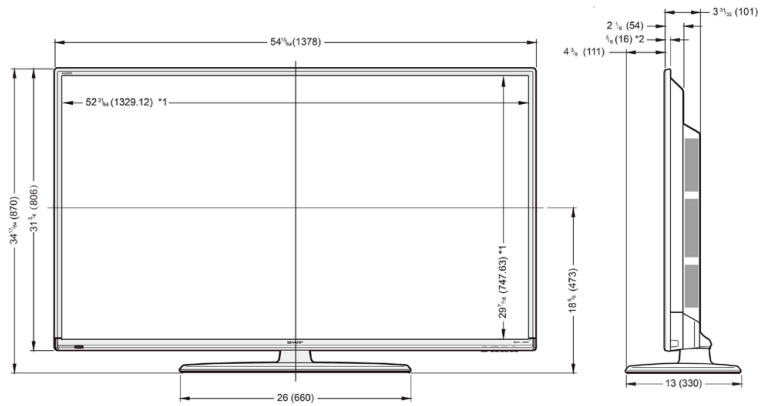


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Dimensional Drawings

LC-60LE644U

Unit: inch (mm)
Unité: pouce (mm)
Unidad: pulgada (mm)



*1 Active area/Área activa/Zone active
*2 Thinnest part/Parte más delgada/Partie la plus mince

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SHARP[®]

SHARP ELECTRONICS CORPORATION

Sharp Plaza, Suite 1 Mahwah, NJ 07495-1123 U.S.A

SHARP CORPORATION

SHARP®

AQUOS

LIQUID CRYSTAL TELEVISION
TÉLÉVISEUR À CRISTAUX
LIQUIDES
TELEVISOR DE CRISTAL
LIQUIDO

OPERATION MANUAL
MODE D'EMPLOI
MANUAL DEL USUARIO

- Please choose your favorite page from the content.
If you want to close the operation manual, press the **EXIT** button.
Also, if you want to return to the previously displayed page, press the **RETURN** button.
- Veuillez choisir votre page favorite dans le contenu.
Appuyez sur le bouton **EXIT** pour refermer le mode d'emploi. Par ailleurs, appuyez sur le bouton **RETURN** si vous souhaitez revenir à la page précédemment affichée.
- Elija su página favorita entre los contenidos.
Si desea cerrar el manual de instrucciones, pulse el botón **EXIT**. Además, si desea volver a la página mostrada anteriormente, pulse el botón **RETURN**.



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INFORMATIONS IMPORTANTES

IMPORTANT :

Pour faciliter la déclaration de perte ou de vol, veuillez noter les numéros de modèle et de série dans l'espace prévu à cet effet. Identifiez les numéros sur le côté du téléviseur où se trouve le panneau de commande.

N° de modèle :

N° de série:

AVERTISSEMENT: POUR RÉDUIRE LES RISQUES D'INCENDIE OU D'ÉLECTROCUTION, N'EXPOSEZ PAS CET APPAREIL À LA PLUIE OU À L'HUMIDITÉ.



Ce symbole (éclair dans un triangle équilatéral) avertit l'utilisateur de la présence dans le boîtier de l'appareil d'une « tension dangereuse » non isolée suffisamment élevée pour causer une électrocution aux personnes.



Ce symbole (point d'exclamation dans un triangle équilatéral) avertit l'utilisateur de la présence d'instructions d'utilisation et d'entretien (dépannage) importantes dans la documentation accompagnant l'appareil.

ATTENTION: AFIN DE RÉDUIRE LE RISQUE D'ÉLECTROCUTION, NE PAS RETIRER LE COUVERCLE (OU PANNEAU ARRIÈRE). PAS DE PIÈCES RÉPARABLES PAR L'UTILISATEUR À L'INTÉRIEUR. CONFIER TOUTE PROCÉDURE D'ENTRETIEN À UN PERSONNEL D'ENTRETIEN QUALIFIÉ.

DÉCLARATION DE CONFORMITÉ:

TÉLÉVISION À ÉCRAN À CRISTAUX LIQUIDES SHARP, MODÈLE LC-60LE644U

Cet appareil est conforme à la partie 15 des règlements FCC. Son fonctionnement est soumis aux deux conditions suivantes : (1) l'appareil ne provoquera pas d'interférences nuisibles, et (2) il doit accepter les interférences reçues, y compris celles pouvant provoquer un fonctionnement indésirable.

PARTIE RESPONSABLE :

SHARP ELECTRONICS CORPORATION
Sharp Plaza, Suite 1 Mahwah, NJ 07495-1123 U.S.A.
TEL: 1-800-BE-SHARP

Pour la clientèle commerciale : URL <http://www.sharppusa.com>

INFORMATION:

Cet appareil a été testé et trouvé conforme aux limites des appareils numériques de classe B, conformément à l'article 15 du règlement FCC. Ces limites sont conçues pour offrir une protection raisonnable contre les interférences nuisibles dans une installation résidentielle. Cet appareil génère, utilise et peut émettre de l'énergie de radiofréquence et, s'il n'est pas installé et utilisé conformément aux instructions, peut provoquer des interférences nuisibles aux communications radio. Cependant, il n'y a aucune garantie que de telles interférences ne se produisent pas pour une installation particulière. Si cet appareil provoque des interférences nuisibles à la réception radio ou télévisée, ce qui peut être déterminé en mettant l'appareil hors et sous tension, vous êtes encouragé à essayer de corriger ces interférences à l'aide de l'une ou de plusieurs des mesures suivantes :

- Réorientez ou déplacez l'antenne réceptrice.
- Augmentez l'espace entre l'appareil et le récepteur.
- Connectez l'appareil sur une prise secteur appartenant à un circuit différent de celui sur lequel le récepteur est connecté.
- Consultez votre revendeur ou un technicien radio/télévisé.

ATTENTION: POUR NE PAS RISQUER UNE ÉLECTROCUTION, PRÉSENTEZ LA FICHE AVEC SA LAME LA PLUS LARGE FACE À LA FENTE CORRESPONDANTE DE LA PRISE ET ENFONCEZ-LA À FOND.

AVERTISSEMENT: Les règles de la FCC stipulent que tout changement ou modification apporté(e) à cet appareil sans l'autorisation expresse du fabricant peut entraîner la révocation du droit de l'utilisateur d'utiliser cet appareil.

ATTENTION:

Cet appareil est conforme aux règlements FCC lorsque des câbles et connecteurs blindés sont utilisés pour le brancher sur un autre appareil. Pour éviter les interférences électromagnétiques avec les appareils électriques comme les radios et les téléviseurs, utilisez des câbles et connecteurs blindés pour les connexions.

INFORMATIONS IMPORTANTES

Déclaration de conformité de la FCC

Cet appareil est conforme à la partie 15 des règlements FCC. Son fonctionnement est soumis aux deux conditions suivantes : (1) l'appareil ne provoquera pas d'interférences nuisibles, et (2) il doit accepter les interférences reçues, y compris celles pouvant provoquer un fonctionnement indésirable.

Radio sans fil

Pour le produit disponible sur le marché des États-Unis/du Canada, seuls les canaux 1 à 11 peuvent être utilisés. La sélection d'autres canaux est impossible.

Cet appareil étant utilisé dans la plage de fréquences de 2.4 GHz, son utilisation est limitée exclusivement à un environnement intérieur.

Important : Tout changement ou modification non expressément homologué par la partie responsable de la conformité peut annuler le droit de l'utilisateur à utiliser l'équipement.

Déclaration d'exposition aux rayonnements de la FCC : Cet appareil est conforme aux limites d'exposition aux rayonnements définies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé à une distance minimale de 20 cm entre l'élément rayonnant et votre corps.

Déclaration d'Industrie Canada

CAN ICES-3 (B)/NMB-3(E)

Standard Television Receiving Apparatus — Appareil de réception télévision ordinaire, Canada BETS-7 / NTMR-7.

Radio sans fil

Pour le produit disponible sur le marché des États-Unis/du Canada, seuls les canaux 1 à 11 peuvent être utilisés. La sélection d'autres canaux est impossible.

Cet appareil pourrait interrompre automatiquement une émission en cas d'absence d'informations à émettre ou de dysfonctionnement.

Veuillez noter qu'il n'est pas destiné à interdire des émissions de commande ou des informations de signalisation ni l'utilisation de codes répétitifs s'ils s'avèrent requis par la technologie.

Important : Tout changement ou modification non expressément homologué par la partie responsable de la conformité peut annuler le droit de l'utilisateur à utiliser l'équipement.

Déclaration d'exposition aux rayonnements d'IC : Cet appareil est conforme aux règlements CNR-210 de l'IC. Son fonctionnement est soumis aux deux conditions suivantes :

(1) l'appareil ne provoquera pas d'interférences nuisibles, et (2) il doit accepter les interférences reçues, y compris celles pouvant provoquer un fonctionnement non désiré.

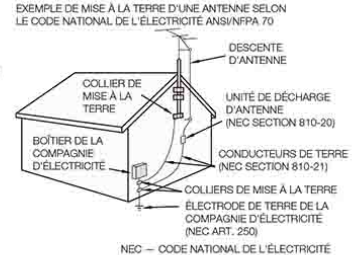
« Note à l'intention de l'installateur de télévision par câble : Nous attirons l'attention de l'installateur de télévision par câble sur l'article 820 du Code National de l'Électricité qui fournit des directives pour l'exécution correcte de la mise à la terre et spécifie notamment que la terre du câble doit être reliée au réseau de mise à la terre du bâtiment, le plus près possible du point d'entrée du câble. »

Ce produit est conforme à ENERGY STAR lorsque vous sélectionnez « Maison » pour « Installation facile ». Régler « Installation facile » sur « Maison » permet de mettre le téléviseur dans un état d'économie d'énergie pour une utilisation domestique.

Fabriqué sous licence des laboratoires Dolby.

Dolby et le symbole double-D sont des marques déposées des Laboratoires Dolby.

- Mise à la terre de l'antenne extérieure — Si le téléviseur est raccordé à une antenne extérieure, assurez-vous que celle-ci est reliée à la terre afin de protéger le poste contre les sautes de tension et l'accumulation de charges électrostatiques. L'article 810 du Code national de l'électricité ANSI/NFPA 70 fournit des informations sur la mise à la terre correcte du mât d'antenne et de sa structure de support, la mise à la terre de la descente d'antenne à une unité de décharge d'antenne, le calibre des conducteurs, l'emplacement de l'unité de décharge d'antenne, le raccordement aux électrodes de terre et les conditions requises pour l'électrode de terre.



Nous vous remercions pour votre achat de ce téléviseur à cristaux liquides Sharp. Pour en assurer la sécurité et le bon fonctionnement pendant de longues années, veuillez lire attentivement les consignes de sécurité importantes avant toute utilisation.

CONSIGNES DE SÉCURITÉ IMPORTANTES

L'électricité remplit de nombreuses fonctions utiles, mais si on l'utilise mal, elle peut occasionner des blessures et des dégâts matériels. Bien que la conception et la fabrication de ce produit aient été axées sur la sécurité, une mauvaise utilisation de l'appareil peut faire courir un risque d'électrocution et/ou d'incendie. Pour ne pas vous exposer à de tels dangers, respectez les consignes suivantes lorsque vous installez, utilisez ou nettoyez le téléviseur. Par mesure de sécurité et pour prolonger la durée de service de votre téléviseur à cristaux liquides, veuillez lire les précautions suivantes avant de l'utiliser :

- 1) Lisez ces instructions.
- 2) Conservez ces instructions.
- 3) Respectez les mises en garde.
- 4) Suivez toutes les instructions.
- 5) N'utilisez pas cet appareil à proximité de l'eau.
- 6) Nettoyez uniquement avec un chiffon sec.
- 7) Ne bloquez pas les ouvertures de ventilation. Installez l'appareil en respectant les instructions du fabricant.
- 8) N'installez pas l'appareil à proximité de sources de chaleur comme des radiateurs, des chauffages, des cuisinières ou d'autres appareils (y compris les amplificateurs) produisant de la chaleur.
- 9) Ne passez pas outre la caractéristique de sécurité de la fiche polarisée ou avec mise à la terre. Une fiche polarisée comprend deux lames dont une plus large que l'autre. Une fiche avec mise à la terre comprend deux lames et une troisième broche de terre. La lame la plus large ou la troisième broche est une mesure de sécurité. Si la fiche fournie ne rentre pas dans votre prise secteur, consultez un électricien pour remplacer la prise obsolète.
- 10) Assurez-vous que le cordon secteur ne puisse être piétiné ou pincé tout particulièrement au niveau des fiches, des prises de courant et aux points où il sort de l'appareil.
- 11) N'utilisez que des accessoires/fixations recommandés par le fabricant.
- 12) Placez l'appareil uniquement sur un chariot, un socle, un trépied, un support ou une table recommandé par le fabricant ou vendu avec l'appareil. Si vous utilisez un chariot, manœuvrez avec précaution l'ensemble chariot/appareil afin d'empêcher toute blessure suite à un renversement.
- 13) Débranchez cet appareil pendant un orage ou lorsqu'il doit rester longtemps inutilisé.
- 14) Faites appel à un technicien qualifié pour tout dépannage. Un dépannage est requis lorsque l'appareil a été endommagé d'une façon ou d'une autre, comme lorsque le cordon secteur ou la fiche est endommagé, du liquide a été renversé sur l'appareil ou des objets sont tombés dans l'appareil, l'appareil a été exposé à la pluie ou à l'humidité, l'appareil ne fonctionne pas normalement ou l'appareil est tombé.



Informations de sécurité supplémentaires

- 15) Alimentation électrique — Cet appareil ne doit être utilisé qu'avec l'alimentation spécifiée sur l'étiquette signalétique. En cas de doute sur le type de courant de votre domicile, consultez votre revendeur ou la compagnie d'électricité locale. Pour les appareils fonctionnant sur batteries ou sur tout autre type d'alimentation, consultez le mode d'emploi.
- 16) Surcharge électrique — Ne dépassez pas la capacité électrique des prises murales, des rallonges ou des prises de courant intégrales, ceci risquant de provoquer un incendie ou une électrocution.
- 17) Pénétration d'objets et de liquides — N'introduisez jamais d'objets par les orifices de cet appareil. Ils pourraient toucher des points sous tension et court-circuiter des pièces et provoquer ainsi un incendie ou une électrocution. Veillez également à ne jamais renverser de liquide dans l'appareil.
- 18) Dommages nécessitant une réparation — Dans les situations ci-dessous, débranchez l'appareil de la prise murale et faites appel à un technicien qualifié pour les réparations :
 - a) si le cordon secteur ou la fiche est endommagée ;
 - b) si du liquide a été renversé sur l'appareil ou si des objets sont tombés à l'intérieur ;
 - c) si l'appareil a été exposé à la pluie ou à l'eau ;
 - d) si l'appareil ne fonctionne pas normalement en suivant le mode d'emploi.
 Ne touchez qu'aux commandes indiquées dans le mode d'emploi. Un réglage incorrect d'autres commandes peut causer des dommages qui demanderont par la suite un travail intensif à un technicien qualifié.

CONSIGNES DE SÉCURITÉ IMPORTANTES

- e) si l'appareil est tombé ou a été endommagé ;
- f) si l'appareil présente des changements visibles de performances – Ceci indique la nécessité d'une inspection d'entretien.
- 19) Pièces de rechange — Si des pièces sont à remplacer, assurez-vous que le technicien utilise bien les pièces de rechange prescrites par le fabricant ou ayant les mêmes caractéristiques que les pièces d'origine. L'utilisation de pièces non autorisées peut occasionner un incendie, une électrocution et d'autres dangers.
- 20) Vérification de sécurité — Après un travail d'entretien ou de réparation, demandez au technicien d'effectuer les vérifications de sécurité nécessaires pour s'assurer que l'appareil est en bon état de fonctionnement.
- 21) Montage au plafond ou au mur — Si vous montez l'appareil au mur ou au plafond, observez la procédure d'installation recommandée par le fabricant.

- Ne pas installer cet appareil dans un espace confiné ou un bâtiment dans tel qu'une bibliothèque ou un meuble similaire, et rester bien aéré conditions de site ouvert.
- MISE EN GARDE ; pour réduire les risques d'incendie et de choc électrique, n'exposez pas cet appareil à la pluie ou à l'humidité. Ne l'exposez pas non plus aux égouttements ou aux éclaboussures. Ne placez pas d'objets remplis de liquide, par exemple un vase, sur le dessus de l'appareil.
- MISE EN GARDE : n'exposez pas les piles (batterie ou des piles ou de la batterie) à une chaleur excessive comme celle induite par la lumière du soleil, un feu ou autrement.
- MISE EN GARDE : la fiche d'alimentation électrique sert de dispositif de désaccouplage; elle doit demeurer facilement accessible.



Cet équipement est un appareil électrique de classe II ou à double isolation. Il a été conçu de sorte à ne pas nécessiter une connexion de sécurité mise à la terre.

- Eau et humidité — N'utilisez pas l'appareil à proximité de l'eau, près d'une baignoire, d'un lavabo, d'un évier, d'une machine à laver, par exemple, ni dans un sous-sol humide ou à proximité d'une piscine.
- Support — Ne placez pas l'appareil sur un chariot, un support, un trépied ou une table instable. S'il est sur une base instable, l'appareil peut tomber et provoquer des blessures corporelles graves ou être endommagé. Utilisez uniquement un chariot, un support, un trépied ou une table recommandés par le fabricant ou vendus avec l'appareil. Pour monter l'appareil sur un mur, suivez les instructions du fabricant. N'utilisez que du matériel recommandé par ce dernier.
- Sélection de l'emplacement — Sélectionnez un emplacement bien aéré et éloigné de la lumière directe du soleil.
- Ventilation — Les événements et autres ouvertures du coffret sont destinés à la ventilation. Ne les recouvrez pas et ne les bloquez pas car une ventilation insuffisante risque de provoquer une surchauffe et/ou de réduire la durée de vie de l'appareil. Ne placez pas l'appareil sur un lit, un sofa, un tapis ou une autre surface similaire risquant de bloquer les ouvertures de ventilation. Ce produit n'est pas conçu pour être encastré ; ne le placez pas dans des endroits clos comme une bibliothèque ou une étagère, sauf si une ventilation adéquate est prévue ou si les instructions du fabricant sont respectées.
- Le panneau avant utilisé dans ce produit est en verre. Il peut donc se briser s'il tombe ou s'il subit un choc. Veillez à ne pas vous blesser avec des morceaux de verre si le panneau à cristaux liquides venait à se briser.
- Sources de chaleur — Éloignez l'appareil des sources de chaleur comme les radiateurs, les chauffages et les autres appareils produisant de la chaleur (y compris les amplificateurs).
- Le panneau à cristaux liquides est un appareil de très haute technologie avec 2 073 600 pixels qui vous offre une très grande finesse de détail. Un petit nombre de pixels non actifs peuvent occasionnellement apparaître à l'écran sous forme de point fixe bleu, vert ou rouge. Notez que cela n'affecte en rien les performances de l'appareil.
- Foudre — Pour mieux protéger ce téléviseur pendant un orage ou lorsqu'il doit rester longtemps sans surveillance et inutilisé, débranchez-le de la prise murale et déconnectez l'antenne. Ceci l'empêchera d'être endommagé par la foudre ou les surtensions de la ligne électrique.
- Lignes électriques — L'antenne extérieure ne doit pas se trouver à proximité de lignes électriques

CONSIGNES DE SÉCURITÉ IMPORTANTES

aériennes ou d'autres circuits d'éclairage ou de distribution électrique. Elle ne doit pas non plus être installée sur une position d'où elle pourrait tomber sur ces lignes ou circuits. Lors de l'installation d'une antenne extérieure, toutes les précautions doivent être prises pour ne pas toucher ces lignes ou circuits électriques. Tout contact avec eux pourrait être mortel.

- Ne placez pas de bougies ni de flammes nues sur le téléviseur ou à sa proximité, afin d'éviter les incendies.
- Afin d'éviter tout incendie ou électrocution, ne placez pas le cordon secteur sous l'ensemble du téléviseur ou autres objets volumineux.
- N'affichez pas une image fixe pendant un période prolongée, sous peine de laisser un traînage à l'écran.
- Pour éviter les incendies ou les électrocutions, veillez à ne pas éclabousser ni faire tomber de l'eau sur cet appareil.
- Ne placez jamais d'objets remplis de liquide, comme des vases, sur l'appareil.
- N'introduisez pas d'objets étrangers dans le produit. L'introduction d'objets dans les événements ou dans d'autres ouvertures pourrait provoquer un incendie ou un choc électrique. Faites particulièrement attention lorsque vous utilisez le produit à proximité d'enfants.

Précautions lors du transport du téléviseur

- Lors du transport du téléviseur, ne le transportez jamais en le tenant ou en faisant pression sur l'écran. Veillez à toujours le transporter à deux personnes, en le tenant à deux mains.



Entretien du coffret

- Utilisez un chiffon doux (en coton, en flanelle, etc.) et essuyez délicatement la surface du coffret.
 - L'utilisation d'un chiffon abrasif (chiffon sous forme de feuille humide/sec, etc.) peut déformer les composants du coffret ou provoquer des fissures.
 - Essuyer avec un chiffon rêche ou avec force risque de rayer la surface du coffret.
 - Si le coffret est très sale, essuyez avec un chiffon doux (en coton, en flanelle, etc.) humidifié à l'aide d'un détergent neutre dilué avec de l'eau et bien essoré, puis essuyez avec un chiffon sec.
 - Le coffret est essentiellement constitué de plastique. Évitez d'utiliser de la benzine, un diluant ou d'autres solvants, car ils pourraient déformer le coffret et provoquer l'écaillage de la peinture.
 - N'appliquez pas d'insecticides ni d'autres liquides volatiles.
- De même, ne laissez pas le coffret en contact avec du caoutchouc ou des appareils en vinyle pendant longtemps. Les plastifiants à l'intérieur du plastique peuvent provoquer des déformations du coffret et l'écaillage de la peinture.

Entretien du panneau avant

- Mettez l'alimentation principale hors tension et débranchez le cordon secteur de la prise murale avant la manipulation.
 - Essuyez délicatement la surface du panneau avant à l'aide d'un chiffon doux (en coton, en flanelle, etc.).
- Pour protéger le panneau avant, n'utilisez pas de chiffon sale, de nettoyants liquides ni chiffon imprégné de produit chimique (chiffon sous forme de feuille humide/sec, etc.). Ceci pourrait endommager la surface du panneau avant.
- Essuyer avec un chiffon rêche ou avec force risque de rayer la surface du panneau avant.
 - Utilisez un chiffon doux et mouillé pour essuyer délicatement le panneau avant s'il est vraiment sale. (Frotter fort risque de rayer la surface du panneau avant.)
 - Si le panneau avant est poussiéreux, utilisez une brosse antistatique en vente dans le commerce pour le nettoyer.
 - Pour éviter tout risque de rayer le cadre ou l'écran, veuillez utiliser un chiffon doux et non-peluchoeur pour le nettoyage. Des chiffons de nettoyage approuvés sont disponibles directement auprès de Sharp, par paquet d'une (00Z-LCD-CLOTH) ou de trois (00Z-LCD-CLOTH-3) unités. APPELEZ le (905)568-7140 ou CONSULTEZ le site <http://www.sharp.ca> pour les commander.



LA SÉCURITÉ DES ENFANTS : L'IMPORTANCE D'UN EMBLACEMENT APPROPRIÉ POUR LE TÉLÉVISEUR



L'INDUSTRIE DE L'ÉLECTRONIQUE GRAND PUBLIC EST SOUCIEUSE DE VOTRE SÉCURITÉ

- Les fabricants, les détaillants et l'industrie de l'électronique grand public dans son ensemble sont déterminés à faire en sorte que le divertissement domestique soit sûr et plaisant.
- Alors que vous vous divertissez devant la télévision, n'oubliez pas que tous les téléviseurs, neufs comme anciens, doivent être : soit positionnés sur un socle approprié, soit installés selon les recommandations spécifiques du fabricant. Les téléviseurs placés de façon non appropriée sur des commodes, des bibliothèques, des étagères, des bureaux, des haut-parleurs, des armoires, des chaises, etc. peuvent tomber et entraîner des blessures.

RESTER À L'ÉCOUTE DE LA SÉCURITÉ

- Respectez **TOUJOURS** les recommandations du fabricant pour une installation sûre de votre téléviseur.
- Lisez et suivez **TOUJOURS** toutes les instructions données pour un bon usage de votre téléviseur.
- Ne permettez **JAMAIS** aux enfants de grimper ou de jouer sur le téléviseur ou le meuble sur lequel le téléviseur est placé.
- Ne placez **JAMAIS** le téléviseur sur un meuble pouvant facilement être utilisé comme marche-pied, telle qu'une commode par exemple.
- Installez **TOUJOURS** le téléviseur à un endroit où il ne peut pas être poussé, tiré ou renversé.
- Faites **TOUJOURS** passer les prises et câbles connectés au téléviseur à un endroit où ils ne pourront pas faire trébucher quelqu'un ou encore où ils ne pourront pas être tirés ou attrapés.

FIXATION DU TÉLÉVISEUR SUR LE MUR OU LE PLAFOND

- Contactez **TOUJOURS** votre revendeur pour une installation professionnelle au moindre doute quant à votre capacité à fixer le téléviseur de manière sûre.
 - Utilisez **TOUJOURS** un support recommandé par le fabricant du téléviseur et dont la sécurité a été certifiée par un laboratoire indépendant (tel que UL, CSA, ETL).
 - Suivez **TOUJOURS** toutes les instructions fournies par les fabricants du téléviseur et du support.
 - Assurez-vous **TOUJOURS** que le mur ou le plafond sur lequel vous fixez le téléviseur est approprié.
- Certains supports ne sont pas conçus pour être fixés aux murs ou aux plafonds ayant une armature en acier ou construits avec des parpaings. En cas de doute, contactez un installateur professionnel.
- Les téléviseurs peuvent être lourds. Deux personnes minimum sont nécessaires pour la fixation au mur ou au plafond.

DÉPLACER UN ANCIEN TÉLÉVISEUR DANS VOTRE MAISON

- Nombreuses sont les personnes déplaçant leur ancien téléviseur CRT dans une autre pièce de la maison après l'achat d'un téléviseur à écran plat. Une attention particulière doit être portée au nouvel emplacement d'un ancien téléviseur CRT.
- Placez **TOUJOURS** votre ancien téléviseur CRT sur un meuble solide et adapté à la taille et au poids du téléviseur.
- Ne placez **JAMAIS** votre ancien téléviseur CRT sur une commode dont les enfants sont susceptibles d'utiliser les tiroirs pour grimper.
- Assurez-vous **TOUJOURS** que votre ancien téléviseur CRT ne dépasse pas le bord de votre meuble.

CE.org/safety



CONSIGNES DE SÉCURITÉ IMPORTANTES

LAN sans-fil

Ce téléviseur a reçu les certifications suivantes.

- Wi-Fi CERTIFIED™ (programme de certification de Wi-Fi Alliance®)

FCC

Cet appareil est conforme à la partie 15 des règlements FCC. Son fonctionnement est soumis aux deux conditions suivantes:

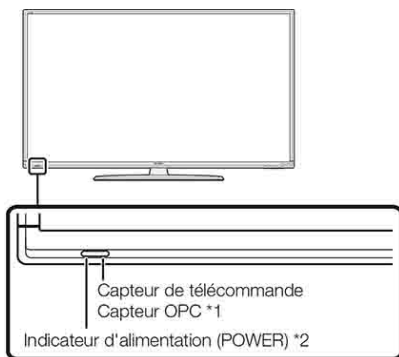
(1) l'appareil ne provoquera pas d'interférences nuisibles, et (2) il doit accepter les interférences reçues, y compris celles pouvant provoquer un fonctionnement indésirable. Les changements ou modifications non expressément homologués par la partie responsable de la conformité peuvent annuler le droit de l'utilisateur à utiliser l'équipement.

En vue de la conformité avec les exigences relatives à l'exposition aux FR de la FCC, cet appareil et l'antenne ne doivent pas se trouver au même endroit ni être utilisés conjointement avec une autre antenne ou un autre émetteur.

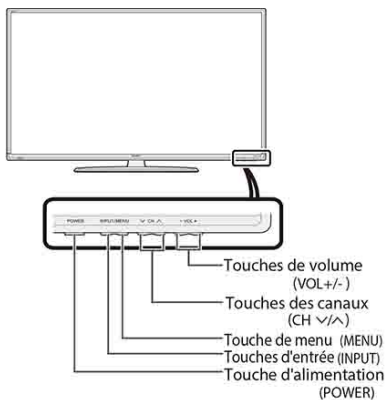
L'appareil conçu pour la bande 2412-2484 MHz est uniquement destiné à une utilisation en intérieur afin de réduire de possibles interférences nuisibles à des systèmes de satellites du service mobile à canal commun.

Le gain maximal autorisé de l'antenne (pour des appareils dans les bandes 2412-2484 MHz) en conformité avec la limite PIRE; et les radars de haute puissance sont attribués comme utilisateurs principaux (c'est-à-dire qu'ils ont la priorité) sur les bandes 2412-2484 MHz, et que ces radars peuvent provoquer des interférences et/ou des dommages aux appareils LE-LAN.

(avant)

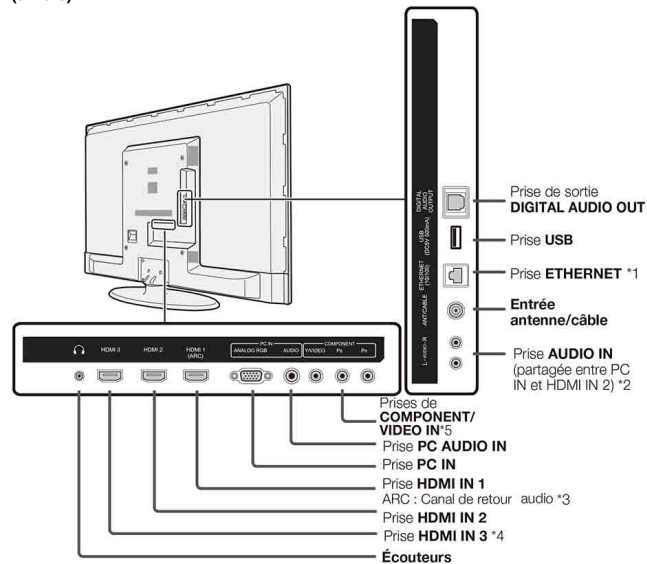


(avant)



* Voir pages 2-1, 4-4 pour l'utilisation des touches.

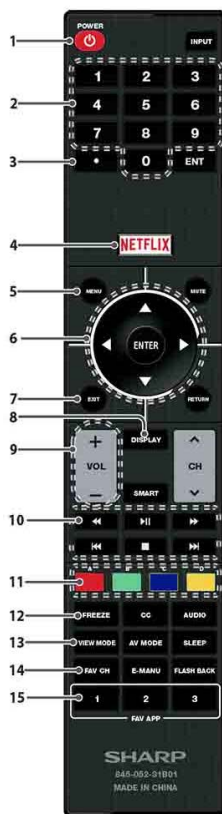
(arrière)



*1 Voir le Guide de configuration.

*5 Voir page 4-12 pour plus de détails sur la fonction Sélection d'entrée.

- Les illustrations et les affichages à l'écran dans ce mode d'emploi sont présentés à titre explicatif et peuvent varier légèrement des opérations réelles.
- Les Exemples utilisés dans ce mode d'emploi sont basés sur le modèle LC-60LE644U.



REMARQUE

- Pour utiliser la télécommande, dirigez-la vers le téléviseur.

- 1 POWER** : Commute le téléviseur sous tension ou en attente.
- 2 0-9** : Règle le canal.
(Voir page 3-1.)
- 3 • (POINT)** : Règle le canal.
(Voir pages 3-1.)
- 4 NETFLIX** : Affiche l'écran de Netflix.
Si vous actionnez le bouton NETFLIX lorsque le téléviseur est éteint, celui-ci s'allume et l'écran NETFLIX s'affiche.
(Voir page 3-7.)
- 5 MENU** : Affiche l'écran du menu.
(Voir page 4-1.)
- 6 ▲▼◀▶, ENTER** : Sélectionne une rubrique désirée sur l'écran.
- 7 EXIT** : Éteint l'écran du menu.
- 8 DISPLAY** : Affiche les informations sur le canal.
- 9 VOL+/-** : Règle le volume.
(Voir page 3-2.)
- 10 Touches d'opération de l'appareil externe** : Opèrent l'appareil externe.
- 11 A, B, C, D** : Sélectionne vos 4 canaux prédéfinis préférés dans 4 catégories différentes.
Lorsque vous regardez la télévision, vous pouvez commuter entre les canaux prédéfinis en appuyant sur A, B, C ou D.
- 12 FREEZE** : Règle l'image fixe. Appuyez de nouveau pour revenir à l'écran normal.
(Voir page 3-4.)
- 13 VIEW MODE** : Sélectionne la taille de l'écran.
(Voir pages 3-14 à 3-16.)
- 14 FAV CH** : Règle les canaux préférés.
- 15 FAV APP 1, 2, 3** : Vous pouvez attribuer vos applications favorites à ces boutons.



16 INPUT : Sélectionne une source d'entrée du téléviseur.

[\(Voir page 2-1.\)](#)

17 ENT : Saute à un canal après sélection au moyen des touches **0-9**.

18 MUTE : Coupe le son.

[\(Voir page 3-3.\)](#)

19 RETURN : Revient à l'écran du menu précédent.

20 CH/VOL : Sélectionne le canal.

[\(Voir page 3-1.\)](#)

21 SMART : Affiche la fenêtre des applications.

[\(Voir page 3-6.\)](#)

22 CC : Affiche les sous-titres d'une source avec sous-titrage.

[\(Voir pages 3-12 à 3-13.\)](#)

23 AUDIO : Sélectionne MTS/SAP ou le mode audio pendant les émissions multi audio.

[\(Voir page 3-8.\)](#)

24 AV MODE : Sélectionne un réglage audio ou vidéo.

[\(Voir page 3-10.\)](#)

25 SLEEP : Règle la minuterie d'extinction.

[\(Voir page 3-9.\)](#)

26 E-MANU : Affichage du mode d'emploi.

27 FLASH BACK : Revient au canal précédent ou au mode d'entrée externe.

[\(Voir page 3-5.\)](#)

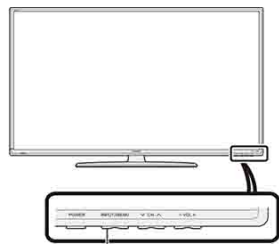
REMARQUE

- Pour utiliser la télécommande, dirigez-la vers le téléviseur.

Pour regarder la télévision

Affichage de l'image d'un appareil externe

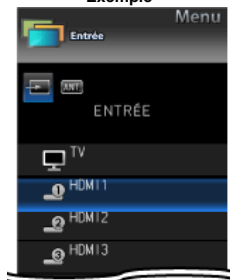
Pour regarder des images d'une source externe, sélectionnez la source d'entrée en appuyant sur **INPUT** sur la télécommande ou sur le téléviseur.



Touches d'entrée (INPUT)

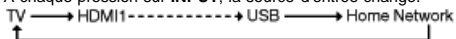


Exemple



- 1 Appuyez sur **INPUT**.
 - L'écran Liste d'entrée s'affiche.
- 2 Appuyez sur ▲/▼ pour sélectionner la source d'entrée.
 - L'image de la source sélectionnée s'affiche automatiquement.
 - Si la source correspondante n'est pas connectée, vous ne pourrez pas changer la source. Veuillez à raccorder au préalable l'appareil.

- Vous pouvez également sélectionner la source d'entrée en appuyant sur **INPUT**.
- A chaque pression sur **INPUT**, la source d'entrée change.





Installation initiale

Lorsque vous mettez le téléviseur sous tension pour la première fois, il mémorise automatiquement les canaux de télévision de la région où vous habitez. Procédez aux étapes suivantes avant d'appuyer sur **POWER** de la télécommande.

1. Introduisez les piles dans la télécommande.
2. Branchez le câble d'antenne sur le téléviseur.
3. Branchez le cordon secteur dans la prise secteur.

Langue (Réglage de la langue)

Sélectionnez parmi 3 langues : anglais, français et espagnol.

- 1 Appuyez sur **▲▼** pour sélectionner la langue désirée sur la liste à l'écran, et appuyez ensuite sur **ENTER**.



Lieu et heure

Effectuez les réglages pour le pays, la zone et le fuseau horaire où vous utilisez le téléviseur.

- 2 Appuyez sur **▲▼** pour sélectionner «USA», «Canada» ou «Mexique», et appuyez ensuite sur **ENTER**.



- 3 Appuyez sur **▲▼** pour sélectionner le fuseau horaire où vous utilisez le téléviseur, et appuyez ensuite sur **ENTER**.

Exemple



- Le fuseau horaire diffère selon le pays sélectionné.
- La valeur présélectionnée à l'usine est le fuseau horaire de la capitale du pays sélectionné.



Installation initiale (Suite)

4 Appuyez sur **▲▼** pour sélectionner l'heure d'été, et appuyez ensuite sur **ENTER**.

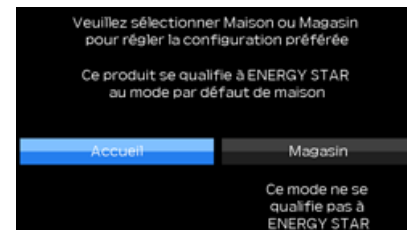


- «Auto» est la sélection par défaut.

Emplacement TV

Sélectionnez «Maison» ou «Magasin» comme emplacement d'installation du téléviseur. Ce produit est conforme à ENERGY STAR avec le réglage par défaut du mode Maison.

5 Appuyez sur **◀▶** pour sélectionner «Maison» ou «Magasin». Appuyez sur **ENTER** pour valider le réglage.



Maison : MODE AV est réglé sur «STANDARD (ENERGY STAR)».

Magasin : MODE AV est réglé sur «DYNAMIQUE(Fixé)». Il est possible de régler Reconfigurer image et Démo des fonctions.

Reconfigurer image : MODE AV est réglé sur «DYNAMIQUE(Fixé)» que Reconfigurer image soit réglé sur «Marche» ou «Arrêt».

- Si vous sélectionnez «Marche» et qu'il n'y a aucune opération pendant 30 minutes :
 - MODE AV est réinitialisé sur «DYNAMIQUE(Fixé)».
- Lorsque «Arrêt» est sélectionné :
 - MODE AV est réglé sur «DYNAMIQUE(Fixé)».

Démo des fonctions : Quand «Marche» est sélectionné, une fois tous les réglages terminés, l'écran démo des fonctions s'affiche s'il n'y a pas d'opération pendant plusieurs minutes.

REMARQUE

- La qualification ENERGY STAR est basée sur le MODE AV «STANDARD (ENERGY STAR)».



Installation initiale (Suite)

Antenne&câble/boîtier

Sélectionnez le type de connexion que vous utiliserez pour regarder la TV.

- Appuyez sur pour sélectionner «Antenne&câble» ou «Boîtier décodeur», et appuyez ensuite sur **ENTER**.

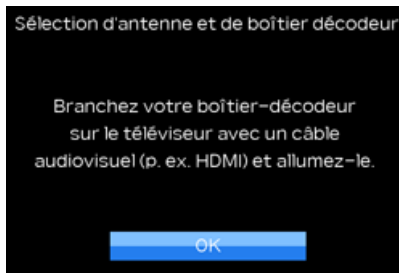


Pour regarder la TV par le biais d'une connexion par antenne ou par câble (sans utiliser de boîtier décodeur) :

Sélectionnez «Antenne&câble» puis passez à l'étape 7.

Pour regarder la TV par le biais d'un boîtier décodeur :

- Sélectionnez «Boîtier décodeur» et appuyez ensuite sur **ENTER**.
- Assurez-vous que le décodeur connecté au téléviseur est en marche.



- Pour regarder la télévision, sélectionnez la source d'entrée correspondant à la borne raccordée au décodeur. Ce faisant, vous devez faire en sorte que le réglage ignore «TV». Appuyez sur pour sélectionner «Marche», et appuyez ensuite sur **ENTER**. Lorsqu'il est réglé sur «Marche», la canal du téléviseur ne peut pas être modifiée à l'aide de la télécommande ou du menu. (par Exemple. CH , Canal préféré, etc.)

- Appuyez sur **INPUT** pour sélectionner la source d'entrée correspondant à la borne raccordée au décodeur. Procédez aux réglages nécessaires sur l'équipement externe raccordé.

- Consultez le mode d'emploi de l'équipement raccordé pour sa configuration.

Ant/Câble (Réglage de l'antenne)

Vérifiez le type de branchement qui est effectué avec votre téléviseur «Ant» ou «Câble».

- Appuyez sur pour sélectionner «Ant» ou «Câble». Appuyez sur **ENTER** pour valider le réglage.





Installation initiale (Suite)

Rech. Canal (Recherche des canaux)

Avec la recherche automatique des canaux, le téléviseur recherche tous les canaux visibles dans la région déterminée.

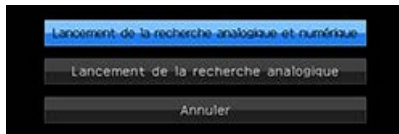
8 Avec «Ant» sélectionné dans Réglage de l'antenne :

Appuyez sur pour sélectionner «Début», et appuyez ensuite sur ENTER.



Avec «Câble» sélectionné dans Réglage de l'antenne :

① Appuyez sur / pour sélectionner «Lancement de la recherche analogique et numérique» afin de rechercher à la fois les émissions analogiques et numériques, ou pour sélectionner «Lancement de la recherche analogique» pour rechercher uniquement les émissions analogiques, et appuyez ensuite sur ENTER.



- La recherche de canaux démarre automatiquement.
- Pour quitter l'écran de recherche de canaux, sélectionnez «Annuler» et appuyez ensuite sur ENTER.

② Les résultats de la recherche de canaux peuvent comprendre des canaux cryptés ou des canaux qui ne sont pas visibles dans la zone configurée. Appuyez sur pour sélectionner «oui», et appuyez ensuite sur ENTER pour supprimer les canaux cryptés.

Smart TV

Lorsque vous vous connectez à Internet via le téléviseur, sélectionnez la méthode de connexion souhaitée et suivez les instructions apparaissant à l'écran.

- Vous ne pouvez utiliser la connexion LAN sans fil que si la méthode WPS (bouton-poussoir) est utilisée. Si une autre méthode est utilisée, effectuez les réglages via Smart TV > Configuration Internet > Configuration de réseau.

9 Appuyez sur pour sélectionner «oui», et appuyez ensuite sur ENTER.



10 Appuyez sur / pour sélectionner «À fil» ou «Sans fil», et appuyez ensuite sur ENTER.





Installation initiale (Suite)

Connexion à l'aide d'un câble ETHERNET

- 1 Sélectionnez « À fil » et appuyez sur **ENTER**.
- 2 Confirmez que le téléviseur est correctement raccordé au routeur puis appuyez sur « Suiv. ». Suivez les instructions apparaissant à l'écran pour tester la connexion.

Connexion LAN sans fil via la méthode WPS :

- 1 Sélectionnez « Sans fil » et appuyez sur **ENTER**.
- 2 Suivez les instructions apparaissant à l'écran, et finalisez la configuration de la connexion après avoir testé sa viabilité.

REMARQUE

- Après avoir fini de configurer les paramètres réseau, configurez le paramètre « Sél. nom appareil ». [\(Voir page 8-3.\)](#)
- Lorsque vous modifiez les paramètres réseau, reportez-vous à Smart TV > Configuration Internet > Configuration de réseau.

Terminé

- 11 L'écran de confirmation des réglages est affiché. Confirmez les informations affichées à l'écran, et appuyez ensuite sur **ENTER**.

Exemples de l'écran de confirmation des réglages
Lorsqu'un ou plusieurs canaux sont reçus après la sélection de « Antenne&câble » à l'étape 6 et qu'une recherche a été effectuée.



Lorsque aucun canal n'est reçu après la sélection de « Antenne&câble » à l'étape 6 et qu'une recherche a été effectuée.





Installation initiale (Suite)

REMARQUE

- Si aucun canal n'est trouvé, vérifiez le type de branchement qui a été effectué avec votre téléviseur et tentez de nouveau « Configuration facile ».
(Voir page 4-13.)
- Pour consulter la liste des canaux trouvés pendant une recherche de canaux, appuyez sur **INPUT**, et appuyez ensuite sur ►.

Lorsque « Boîtier décodeur » a été sélectionné à l'étape 6.



- Cliquez sur «OK» pour afficher l'écran de confirmation pour la commutation des sources d'entrée.

Afficher les entrées : Vous pouvez vérifier l'état de connexion en cours de l'équipement externe. Confirmez quelle borne d'entrée est connectée au boîtier décodeur.

OK : Cliquer sur «OK» terminera la procédure d'Autoinstallation.

- L'affichage peut être incorrect selon l'équipement connecté.
- L'affichage est incorrect lorsque l'équipement connecté est éteint.
- Pour regarder la TV par le biais d'un boîtier décodeur, appuyez sur **INPUT** après avoir terminé les réglages initiaux, et sélectionnez l'entrée sur laquelle le boîtier décodeur est connecté.

REMARQUE

- Pour changer les réglages de l'installation initiale, procédez « Configuration facile » dans le menu Configuration initiale à la (Voir page 4-13.)



Modifier les canaux

Vous pouvez modifier les canaux de différentes façons.

Méthode 1

En utilisant **CH▲▼** de la télécommande ou sur le téléviseur.

Méthode 2

Utilisation des touches de la télécommande **0-9**, • (POINT).

Exemples :

Pour sélectionner un numéro de canal à 1 ou 2 chiffres (par ex. le canal 5) :

Appuyez sur **5** → **ENTER**

Pour sélectionner un numéro de canal à 3 chiffres (par ex. le canal 115) :

Appuyez sur **1** → **1** → **5** → **ENTER**

Pour sélectionner un numéro de canal à 4 chiffres (par ex. le canal 22.1) :

Appuyez sur **2** → **2** → • (POINT) → **1** → **ENTER**

Méthode 3

Sélection du programme dans Liste CH.

- 1 Appuyez sur **INPUT** sur la télécommande.
 - La liste d'entrée s'affiche.
- 2 Appuyez sur **◀▶** pour sélectionner «Ant» ou «Câble».
 - La liste des canaux s'affiche.
- 3 Appuyez sur **▲▼** pour sélectionner la chaîne de votre choix, et appuyez ensuite sur **ENTER**.

REMARQUE

- Lorsque vous sélectionnez un numéro de canal à 1 chiffre, il n'est pas nécessaire d'appuyer sur **0** avant le chiffre.
- Quand vous saisissez **0-9** uniquement, la sélection du canal sera accomplie s'il n'y a pas d'opération pendant quelques secondes.
- En appuyant sur «0» tout seul, rien ne se produira.
- Effectuez les opérations ci-dessus en quelques secondes.
- Quand vous saisissez **0-9** et • (POINT), la sélection du canal sera accomplie s'il n'y a pas d'opération pendant quelques secondes.



Changer le volume

Vous pouvez changer le volume en appuyant sur **VOL+/-** sur le téléviseur ou sur la télécommande.

- Pour augmenter le volume, appuyez sur **VOL +**.
- Pour diminuer le volume, appuyez sur **VOL -**.



Statut audio

Appareil de sortie	Sélect. sortie	
	Fixe	Variable
Haut-parleur	Son variable	Sourdine

- Lorsque «Sélect. sortie» est réglé sur «Variable», l'indicateur à l'écran change de la manière indiquée ci-dessous.






MUTE

Coupe la sortie de son en cours.

Appuyez sur **MUTE**.

- «» est affiché pendant 30 minutes à l'écran, et le son est coupé.

REMARQUE

- En appuyant sur **MUTE** durant les 30 minutes, la sourdine peut être annulée en appuyant sur **VOL+/-** ou **MUTE**.
- La sourdine est annulée lorsque 30 minutes se sont écoulées. Toutefois, le son ne sort pas brusquement à plein volume car le niveau de volume est automatiquement réglé sur 0.



FREEZE

Vous permet de capturer et faire un arrêt sur image d'une image mobile en cours de visionnement.

Appuyez sur **FREEZE**.

- Une image mobile est saisie.
- Appuyez à nouveau sur **FREEZE** pour annuler la fonction.

REMARQUE

- Si cette fonction n'est pas disponible, «Pas d'affichage d'image fixe disponible.» s'affiche.
- L'image fixe disparaît automatiquement au bout de 30 minutes.
- Si vous utilisez la fonction d'arrêt sur image et qu'une émission active le BLOCAGE V-CHIP, la fonction d'arrêt sur image sera annulée et un message BLOCAGE V-CHIP apparaîtra.

FLASH BACK

Appuyez sur **FLASHBACK** pour passer au canal précédemment syntonisé ou au mode d'entrée précédent.

- Appuyez à nouveau sur **FLASHBACK** pour revenir au canal actuellement syntonisé.

REMARQUE


- **FLASH BACK** ne fonctionne pas si aucun canal n'a été changé après la mise sous tension du téléviseur.








SMART

Vous permet d'activer directement divers types d'applications.

- 1 Appuyez à nouveau sur **SMART** pour revenir au canal actuellement syntonisé.
 - Appuyez à nouveau sur **SMART** pour revenir au canal actuellement syntonisé.
- 2 Appuyez sur  pour sélectionner l'application de votre choix, et appuyez ensuite sur **ENTER**.

Si vous avez modifié l'affichage de la liste des applications à l'étape 1, sélectionnez une catégorie, puis une application 1, select a category and then an application.

- Si  s'affiche après que vous avez commuté en mode USB, vérifiez la connexion USB.
- Si  ou  s'affiche après que vous avez commuté sur le mode Réseau personnel ou après que vous vous êtes connecté à Internet, vérifiez les réglages du réseau et la connexion de votre téléviseur.



NETFLIX

Affiche l'écran Netflix.
Appuyez sur **NETFLIX**.

REMARQUE

Si vous actionnez le bouton NETFLIX lorsque le téléviseur est éteint, celui-ci s'allume et l'écran NETFLIX s'affiche.

- Pour profiter de Netflix, vous devez effectuer/avoir :
 - une connexion Internet à haut débit
 - des réglages de Configuration Internet
 - des ajustements pour Netflix



AUDIO

Mode stéréo MTS/SAP

Le téléviseur est doté d'une fonction permettant la réception sonore d'un autre son que le son principal de l'émission. Cette fonction est appelée Son télévisé multicanaux (Multi-channel Television Sound : MTS). Le téléviseur doté de la fonction MTS peut recevoir le son mono, le son stéréo et les programmes audio secondaires (SAP). Cette fonction SAP permet à une station de télévision de diffuser d'autres informations, comme le son dans une autre langue ou quelque chose d'entièrement différent, comme le bulletin météorologique par Exemple.

Vous pourrez apprécier le son stéréo Hi-fi ou les émissions SAP disponibles.

- **Émissions stéréo** : Pour regarder des programmes comme des manifestations sportives, des spectacles et des concerts avec un son stéréo dynamique.
- **Émissions SAP** : Pour la réception des émissions avec le son MAIN ou le son SAP.
Son MAIN (principal) : piste sonore normale de l'émission (en mono ou en stéréo).
Son SAP : pour l'écoute d'une seconde langue, d'un commentaire supplémentaire ou d'une autre information. (SAP est un son mono.)

Si le son stéréo est difficile à entendre.

- Obtenez un son plus net en passant manuellement au mode de son mono fixe.

Vous pouvez modifier MTS comme indiqué ci-dessous pour qu'il corresponde au signal de l'émission de télévision.

Appuyez sur **AUDIO** pour basculer entre les modes audio.

Exemples : pour la réception MTS et SAP

Mode STÉRÉO : ST(SAP) → SAP(ST) → MONO

Mode STÉRÉO + SAP : STEREO ↔ MONO

Mode MAIN + SAP : MAIN ↔ SAP

Mode MONO : MONO

Mode audio d'émission numérique

Les types audio transmis dans une émission numérique sont AMBIOPHONIE ainsi que MONO et STÉRÉO. En outre, il est possible pour les pistes audio multiples d'accompagner une piste vidéo simple.

Appuyez sur **ENTER** pour basculer entre les modes audio.

Exemple : lors de la réception d'émissions numériques

STÉRÉO (Audio1) → STÉRÉO (Audio2)
↕ AMBIOPHONIE (Audio3) ↕

REMARQUE

- MTS ne fonctionne qu'en mode TV.
- Vous pouvez obtenir les mêmes réglages en choisissant «Changer audio» dans les rubriques du menu.



AV MODE

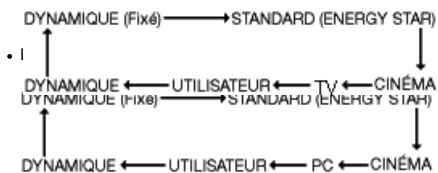
Le MODE AV vous offre plusieurs options de visionnement à partir desquelles vous pouvez sélectionner celle qui convient le mieux à l'environnement du téléviseur, qui peut varier en raison de facteurs comme la luminosité de la pièce, le type de programme regardé ou le type de l'appareil connecté.

Appuyez sur **AV MODE**. Le MODE AV actuel s'affiche.

- Appuyez de nouveau sur **AV MODE** avant que le mode affiché à l'écran ne disparaisse.
- Le mode change comme indiqué ci-dessous :

• **Exemple:**

Lorsque vous utilisez les bornes
COMPONENT / VIDEO ou **VIDEO**





AV MODE (Suite)

STANDARD (ENERGY STAR) : Pour une image haute définition sous un éclairage normal.

CINÉMA : Pour un film.

PC : Pour PC.

UTILISATEUR : Permet à l'utilisateur de personnaliser les réglages. Vous pouvez régler le mode pour chaque source d'entrée.

DYNAMIQUE : Pour une image nette avec des contrastes accentués, pratique pour regarder les sports.

DYNAMIQUE(Fixé) : Change les réglages de l'image et du son aux valeurs pré-réglées d'usine. Aucun ajustement n'est toléré.

REMARQUE

- Vous pouvez sélectionner une rubrique du MODE AV différente pour chaque mode d'entrée. (Par Exemple, sélectionnez STANDARD (ENERGY STAR) pour l'entrée TV et DYNAMIQUE pour COMPOSANT.)
- Vous ne pouvez pas régler les options «PC» lorsque le téléviseur est connecté à Internet.
- Vous ne pouvez pas régler l'option «PC» lorsque la source d'entrée est «Réseau personnel(Home Network)» ou «USB».
- Vous pouvez obtenir les mêmes réglages en choisissant «MODE AV» dans les rubriques du menu.



Sous-titrage et sous-titrage numérique

Votre téléviseur est doté d'un décodeur de sous-titres interne. Ce qui vous permet de regarder des conversations, des narrations et des effets sonores sous forme de sous-titres sur votre téléviseur. Le sous-titrage est disponible sur certains programmes télévisés et sur certaines cassettes vidéo VHS, au gré du fournisseur de programme.

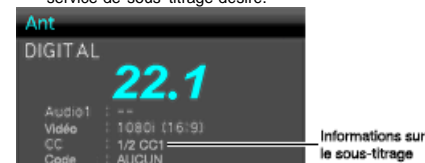
Le sous-titrage numérique est un nouveau service de sous-titres disponible uniquement sur les programmes de télévision numérique (également au gré du fournisseur de service). Il s'agit d'un système plus flexible que le système de Sous-titrage original, car il offre un large choix de formats de sous-titre et de styles de police. Lorsque le sous-titrage numérique est utilisé, il sera indiqué sous l'apparence d'une abréviation à 3 lettres indiquant également la langue des sous-titres numériques : ENG (Anglais) ou SPA (Espagnol) ou FRA (Français) ou d'autres codes de langue.

Tous les programmes et les cassettes vidéo VHS ne sont pas dotés de sous-titres. Recherchez le symbole «**CC**» pour vous assurer que les sous-titres seront indiqués.

Dans le système de Sous-titrage, plus d'un service de sous-titre peut être fourni. Chacun est identifié par son propre numéro. Les services «CC1» et «CC2» affichent les sous-titres des programmes télévisés superposés sur l'image des programmes.

Dans le système de Sous-titrage, les services «Texte1» ou «Texte2» affichent un texte sans rapport avec le programme actuellement visionné (par Exemple, la météo ou les informations). Ces services sont également superposés sur le programme que vous êtes entrain de regarder.

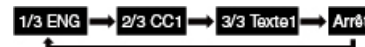
- Appuyez sur **CC**.
 - Ceci affichera les informations sur le sous-titrage.
- Appuyez sur **CC** pendant que les informations sur le sous-titrage sont à l'écran.
 - Appuyez de façon répétée jusqu'à la sélection du service de sous-titrage désiré.



- Selon le nombre de services de sous-titrage dans le signal reçu, vous verrez des informations comme 1/2 ou 1/4 s'afficher. 1/2 indique le «premier des deux services».

Exemple :

Si le programme comprend 3 services (Numérique CC (ENG), CC1 et Texte1), le sous-titrage change dans cet ordre :



- La touche **CC** garde en mémoire le dernier service sélectionné. Si le dernier mode de sous-titrage (par Exemple, 1/3 ENG) que vous avez sélectionné n'est pas disponible pour le prochain programme, ou sur un autre canal, le service de sous-titrage disponible est automatiquement sélectionné et il apparaît entre parenthèses, par Exemple «1/3 (CC1)».
- Les services de sous-titrage qui apparaissent entre parenthèses ne seront pas gardés dans la mémoire de la touche **CC** en tant que dernier service sélectionné. Seuls les services que vous avez sélectionnés avec la touche **CC** sont enregistrés.



Sous-titrage et sous-titrage numérique (Suite)

Exemples :

Au cas où deux services de sous-titrage seraient fournis, (par Exemple, Numérique CC(ENG) et CC1) et que Numérique CC(ENG) s'affiche en tant que sélection actuelle, si Numérique CC(ENG) n'est pas transmis pour le prochain programme, l'autre service de sous-titre, CC1, sera affiché entre parenthèses.

Un service de sous-titrage apparaît entre parenthèses parce que le service que vous avez sélectionné n'est pas disponible et qu'un service différent est affiché sur votre écran. «1/1(CC1)» est affiché au lieu de «1/2(ENG)».

REMARQUE

- Si le programme ne contient aucun sous-titre, «--» s'affiche dans les informations sur le sous-titrage.
- Si le code de la langue n'est pas trouvé, par Exemple, «ENG» n'est pas trouvé sur les émissions de télévision numérique, «--» apparaîtra.
- Quatre types de service de sous-titrage (CC1, CC2, Texte1, Texte2) sont potentiellement disponibles, mais il se peut qu'une émission n'en contienne aucun ou seulement une partie, au gré du fournisseur de service.
- Si une page Web est affichée, le sous-titrage n'est pas disponible.
- Vous pouvez obtenir les mêmes réglages en choisissant «Changer cc» dans les rubriques du menu.



VIEW MODE

Vous pouvez sélectionner la taille de l'image.

1 Appuyez sur **VIEW MODE**.

- Le menu Mode vue s'affiche.
- Le menu donne une liste des options du Mode vue sélectionnables pour le type de signal vidéo actuellement reçu.



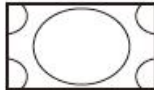
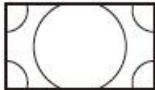
2 Appuyez sur **VIEW MODE** ou **▲/▼** lorsque le menu du Mode vue est affiché pour sélectionner la rubrique désirée sur le menu.

- Vous pouvez ensuite sélectionner un Mode vue ayant son propre rapport hauteur/largeur.

REMARQUE

- Vous pouvez obtenir les mêmes réglages en choisissant «Mode vue» dans les rubriques du menu.
- Chaque fois que vous appuyez sur **VIEW MODE** lorsqu'un écran de navigateur est affiché; le modèle d'affichage change entre un écran Site web seul et un écran TV+Web.
- Exécutez cette fonction pendant l'entrée d'autres types de signaux (tels que Full HD).

Pour les programmes HD

Allonge	Pt par Pt (Plein Écran)	Allonge Smart (Intelligent allongé)	Zoom
			
Convient au visionnement d'émissions au rapport de format grand écran 1,78 : 1. Le mode allongé présente encore de très minces bandes noires en haut et en bas de l'écran.	«Pt par Pt» lorsque le nombre de pixels sur l'écran et la résolution du signal sont identiques. «Plein Écran» lorsque le nombre de pixels sur l'écran et la résolution du signal sont différentes. Dans un cas comme dans l'autre, image occupe la totalité de l'écran.	Convient pour allonger les émissions en 4 : 3 et remplir l'écran.	Convient au visionnement d'émissions au rapport de format grand écran 2,35 : 1 sur un affichage plein écran.

REMARQUE

- Si vous utilisez Pt par Pt ou Plein Écran, il se peut qu'apparaissent des parasites ou des barres aux abords des différentes parties extérieures de l'écran. Changez le mode de vue pour y remédier.



VIEW MODE (Suite)

Pour programmes 4 : 3

Exemple : Taille des images à l'écran

Barre Latérale	Allonge Smart (Intelligent allongé)	Zoom	Allonge
Convient pour regarder des émissions ordinaires en 4 : 3 dans leur format normal.	Convient pour allonger les émissions en 4 : 3 et remplir l'écran.	Convient pour regarder des DVD anamorphiques grand écran 2,35 : 1 sur plein écran.	Ce mode est pratique pour les DVD 1,78 : 1. Lors du visionnement de DVD 1,85 : 1, le mode allongé présente encore de très minces bandes noires en haut et en bas de l'écran.

Pour USB-Vidéo, Réseau personnel vidéo ou applications Internet

Exemple : Taille des images à l'écran

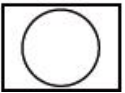
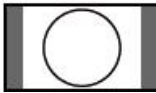
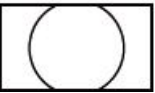
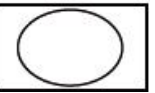
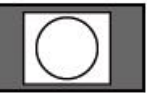
Signal d'entrée	Auto	Original	Allonge
	Conserve le rapport hauteur/largeur original dans un affichage plein écran.	Affiche une image en taille originale.	L'image remplit entièrement l'écran.

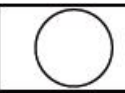
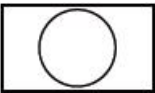
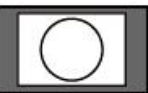


VIEW MODE (Suite)

Pour PC

Exemple : Taille des images à l'écran

Signal d'entrée	Normal	Zoom	Allonge	Pt par Pt
 <p>4 : 3</p>	 <p>Conserve le rapport hauteur/largeur original dans un affichage plein écran.</p>	 <p>Convient aux émissions au rapport de format grand écran. Le haut et le bas de l'image sont coupés.</p>	 <p>L'image remplit entièrement l'écran.</p>	 <p>Détecte la résolution du signal et affiche une image avec le même nombre de pixels à l'écran.</p>

Signal d'entrée	Allonge	Pt par Pt
 <p>16 : 9</p>	 <p>L'image remplit entièrement l'écran.</p>	 <p>Détecte la résolution du signal et affiche une image avec le même nombre de pixels à l'écran.</p>

REMARQUE

- Branchez l'ordinateur avant de procéder aux réglages. Voir le Guide de configuration.
- La taille de l'image sélectionnable peut varier selon le type de signal.



Introduction

LC LCFONT intégrée



① Guide d'affichage

- Ceci représente les boutons qui peuvent être utilisés sur l'écran affiché. Le guide d'affichage varie en fonction de l'écran de réglage du menu.
- Les opérations de certaines rubriques sélectionnées peuvent s'afficher dans la barre du guide opérationnel en bas de l'écran.

② Rubrique affichée en bleu

- Ceci indique la rubrique actuellement sélectionnée.
- Appuyez sur **ENTER** pour avancer à l'écran de réglage pour cette rubrique.

③ Rubrique entre crochets

- Ceci indique le réglage actuel pour la rubrique.

④ Rubrique affichée en blanc

- Ceci indique qu'une rubrique peut être sélectionnée.

⑤ Rubrique affichée en gris

- Ceci indique que la rubrique ne peut pas être sélectionnée.
- Il existe diverses raisons pour lesquelles les rubriques ne peuvent pas être sélectionnées, mais les principales raisons sont les suivantes :

— Aucun appareil n'est raccordé à la prise d'entrée sélectionnée.

— La fonction n'est pas compatible avec le signal d'entrée actuel.

— En cas de conflit avec d'autres fonctions, vous devez modifier les paramètres des autres fonctions.

Introduction (Suite)

À propos des rubriques du menu

- Certaines rubriques du menu peuvent ne pas s'afficher selon la source d'entrée sélectionnée.

REMARQUE

- Les écrans dans le mode d'emploi ne sont qu'à titre explicatif (certains sont agrandis; d'autres coupés) et peuvent légèrement varier des écrans réels.
- Dans les pages suivantes, l'ordre des explications de chaque rubrique du menu n'est pas nécessairement conforme à la position des rubriques à l'écran.

LCFONT :

- Ce produit intègre la technologie LC Font, qui a été développée par SHARP Corporation pour afficher de manière nette et facile à lire des caractères sur les écrans LCD.



Exemple



1 Appuyez sur **MENU** pour afficher l'écran MENU.

2 ① Appuyez sur ◀▶ pour sélectionner le menu désiré.

- ② Appuyez sur ▲▼ pour sélectionner une rubrique de réglage spécifique, et appuyez ensuite sur **ENTER**.
- Il est possible que des rubriques d'ajustement supplémentaires appropriées s'affichent. Appuyez sur ▲▼ pour sélectionner la rubrique de votre choix.

③ Ajustez la rubrique tout en consultant le guide d'affichage.

- Les opérations varient selon la fonction ou la rubrique. Consultez le guide d'affichage correspondant à l'écran de réglage du menu de fonctionnement de la touche.

3 Appuyez sur **MENU** pour quitter.

REMARQUE

- Les options du menu sont différentes selon les modes d'entrée sélectionnés, mais les marches à suivre sont les mêmes.

Touches d'opération du menu

Utilisation de la télécommande

Utilisez les touches suivantes de la télécommande pour opérer le menu.

MENU : Appuyez pour ouvrir ou fermer l'écran du menu.
▲/▼/◀/▶ : Appuyez pour sélectionner une rubrique désirée sur l'écran ou ajuster une rubrique sélectionnée.

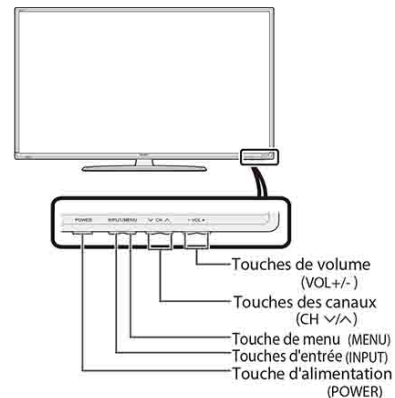
ENTER : Appuyez pour avancer à l'étape suivante ou valider le réglage.

RETURN : Appuyez pour revenir à l'étape précédente.



Utilisation du tableau de commande du téléviseur

Vous pouvez aussi utiliser le tableau de commande du téléviseur pour les réglages de menu. Les touches du tableau de commande correspondent à celle de la télécommande, comme indique ci-dessous.



MENU : MENU sur la télécommande

INPUT : ENTER sur la télécommande

CH ▲/▼ : Curseur ▲/▼ de la télécommande

VOL +/- : Curseur ◀/▶ de la télécommande

Exemple



Configuration initiale

REMARQUE

- Pour utiliser le d'affichage sur l'écran, [voir page 4-3.](#)
- Si vous sélectionnez «Configuration facile», «Channel Setup», «Contrôle parental» et «Reinitial.», vous pouvez saisir le numéro secret à 4 chiffres ici.

Configuration facile

Vous pouvez exécuter à nouveau l'installation automatique même après avoir prédéfini ces canaux.

Langue : Sélectionnez parmi 3 langues (anglais, français et espagnol).

Lieu et heure : Effectuez les réglages pour le pays, la zone et le fuseau horaire où vous utilisez le téléviseur.

Choisissez votre pays : Sélectionnez soit «États-Unis», «Canada» ou «Mexique».

Sélectionnez votre fuseau horaire : Sélectionnez votre fuseau horaire. Les réglages disponibles diffèrent selon le pays sélectionné.

Sélectionnez HA (heure avancée) : Sélectionnez «Auto», «Manuel» ou «Arrêt».

Emplacement TV : Sélectionnez «Maison» ou «Magasin» comme emplacement d'installation du téléviseur. Ce produit est conforme à ENERGY STAR avec le réglage par défaut du mode Maison.

Maison : MODE AV est réglé sur «STANDARD (ENERGY STAR)».

Magasin : MODE AV est réglé sur «DYNAMIQUE(Fixé)». Il est possible de régler Reconfigurer image et Démo des fonctions.

Reconfigurer image : MODE AV est réglé sur «DYNAMIQUE (Fixé)», que Reconfigurer image soit réglé sur «Marche» ou sur «Arrêt». Si «Marche» est sélectionné, le MODE AV est réinitialisé sur «DYNAMIQUE(Fixé)» s'il n'y a pas d'opération pendant 30 minutes. Quand «Arrêt» est sélectionné, le MODE AV est réglé sur «DYNAMIQUE(Fixé)».

Démo des fonctions : Quand «Marche» est sélectionné, une fois tous les réglages terminés, l'écran Démo des fonctions s'affiche s'il n'y a pas d'opération pendant plusieurs minutes.

- La qualification ENERGY STAR est basée sur le MODE AV «STANDARD (ENERGY STAR)».

Antenne&câble/boîtier : Sélectionnez le type de connexion que vous utiliserez pour regarder la TV.

Ant/Câble : Vérifiez le type de branchement qui est effectué avec votre téléviseur «Ant» ou «Câble».

Rech. Canal : Avec la recherche automatique des canaux, le téléviseur recherche tous les canaux visibles dans la région déterminée.

- Si «Câble» est sélectionné pour le réglage de l'antenne, les canaux cryptés seront supprimées une fois la recherche de canal terminée.

Smart TV : Lorsque vous vous connectez à Internet via le téléviseur, confirmez la méthode de connexion et procéder à des réglages.

- Vous ne pouvez utiliser la connexion LAN sans fil que si la méthode WPS (bouton-poussoir) est utilisée. Si une autre méthode est utilisée, effectuez les réglages via Smart TV > Configuration Internet > Configuration de réseau.

Terminé : L'écran de confirmation des réglages est affiché. Confirmez les informations affichées à l'écran.

REMARQUE

- Reportez-vous à l'Installation initiale aux [voir pages 2-2 à 2-7](#) pour régler chaque rubrique.
- Si aucun canal n'est trouvé, vérifiez le type de branchement qui a été effectué avec votre téléviseur et tentez de nouveau «Configuration facile».
- Si vous sélectionnez «Lancement de la recherche analogique» et lancez la recherche de canal, la mémoire du canal pour Câble Digital sera effacée.

Exemple



Configuration initiale (Suite)

Langue

Vous pouvez également sélectionner une langue à partir du menu Configuration initiale. Sélectionnez parmi 3 langues : anglais, français et espagnol.

REMARQUE

- Pour modifier la langue du manuel, sélectionnez «Menu» > «Configuration initiale» > «Langue» pour changer de langue.

Réglages des chaînes

Channel Setup

Suivez les instructions ci-dessous pour mémoriser manuellement les canaux si l'installation initiale ne mémorise pas tous les canaux de votre région.

Ant/Câble : Vérifiez le type de branchement qui est effectué avec votre téléviseur «Ant» ou «Câble».

Rech. Canal : Avec la recherche automatique des canaux, le téléviseur recherche tous les canaux visibles dans la région déterminée.

Mem. Canal : Vous pouvez sélectionner les canaux à ignorer dans le cas de ANALOG (Ant), ANALOG (Câble), DIGITAL(Ant) et DIGITAL (Câble).

Marche : Omet les canaux. (Sélection des canaux désactivée avec CH \wedge .)

Arrêt : N'omet pas les canaux. (Sélection des canaux activée avec CH \wedge .)

Suppr. CH cryptée : Cette fonction recherche les canaux numérique câblés cryptés dans la zone sélectionnée et les efface. Cette opération peut prendre plus de 20 minutes.

oui : Lance l'effacement des canaux cryptés.

non : La fonction ne marche pas.

REMARQUE

- Reportez-vous à l'Installation initiale aux [voir pages 2-2 à 2-7](#) pour régler chaque rubrique.
- Si aucun canal n'est trouvé, vérifiez le type de branchement qui a été effectué avec votre téléviseur et tentez de nouveau la recherche des canaux.
- Si vous sélectionnez «Lancement de la recherche analogique» et lancez la recherche de canal, la mémoire du canal pour Câble Digital sera effacée.

Exemple



Configuration initiale (Suite)

Réglages des chaînes

Canal préféré (Réglage des canaux préférés)

Cette fonction vous permet de régler vos quatre canaux préférés, dans 4 catégories différentes. En réglant ces canaux au préalable, vous pourrez par la suite les sélectionner facilement.

Pour enregistrer les canaux favoris :

Sélectionnez «Inscrire» puis appuyez sur **ENTER**. Appuyez sur ▲/▼/◀/▶ pour sélectionner la position dans la catégorie puis appuyez sur **ENTER** pour provoquer l'enregistrement.

Pour effacer les canaux favoris :

Sélectionnez «1 donnée effacée» puis appuyez sur **ENTER**. Appuyez sur ▲/▼/◀/▶ pour sélectionner le canal à effacer puis appuyez sur **ENTER**. Sélectionnez «oui» puis appuyez sur **ENTER**.

Pour effacer tous les canaux favoris, sélectionnez «Toutes dn. eff.».

REMARQUE

- Avant de régler le canal, sélectionnez le canal que vous souhaitez enregistrer comme canal favori.
- Vous pouvez afficher l'écran «Canal préféré» en appuyant sur **FAVORITE CH** sur la télécommande.

Rég. antenne-DIGITAL

Pour recevoir des émissions numériques hertziennes, vous aurez besoin d'une antenne d'émission numérique. Vous pouvez confirmer la configuration de l'antenne sur l'écran «Rég. antenne-DIGITAL». Au besoin, ajustez le sens de l'antenne pour obtenir la force de signal maximum.

Force du signal : La force du signal du canal DIGITAL s'affiche. Les informations du signal sont basées sur le canal actuel.

Force du canal : Entrez le numéro du canal à 2 chiffres pour vérifier la force du signal du canal sélectionné. Assurez-vous que le signal est suffisamment fort pour chaque canal.

- Cette fonction n'est disponible que pour DIGITAL (Ant).

Exemple



Configuration initiale (Suite)

Configuration individuelle

No. secret

Vous permet d'utiliser un numéro secret pour protéger certains réglages d'être accidentellement changés.

IMPORTANT :

Trois conditions doivent être remplies pour activer V-Chip :

1. Le numéro secret doit être enregistré.
2. Les réglages V-Chip/V-Chip (DTV uniquement) ont été effectués.
 - La fonction «V-Chip (DTV uniquement)» ne sera sélectionnable que lorsqu'un nouveau système de restriction peut être téléchargé via une émission numérique aux États-Unis.
3. «Etat» est réglé sur «Marche».

Nouveau No. secret

Vous pouvez définir et changer le numéro secret par utilisation de **0-9**.

oui : Change ou définit le numéro secret.

non : L'écran de confirmation permettant d'effacer le numéro secret s'affiche lorsque celui-ci a été défini. Lorsque le numéro secret n'a pas été défini, l'écran précédent s'affiche.

REMARQUE

- Par mesure de précaution, notez votre numéro secret et conservez-le dans un endroit sûr.

Contrôle parental

V-Chip

V-CHIP est un dispositif de filtrage électronique intégré dans votre téléviseur. Cet outil donne aux parents un large degré de contrôle sur les émissions accessibles aux enfants. Il leur permet de sélectionner des programmes jugés convenables pour leurs enfants, tout en bloquant ceux qu'ils réprouvent. Ceci se fait automatiquement lorsque vous activez la fonction V-CHIP de votre téléviseur. «V-Chip» et «Etat» ne sont pas sélectionnables à partir du menu si vous ne configurez pas tout d'abord votre numéro secret.

- Les Etats-Unis ont deux systèmes de codes pour vérifier le contenu des programmes : les directives télévisées parentales et le code des films.
- Les directives télévisées parentales travaillent en conjonction avec V-CHIP pour aider les parents à sélectionner les spectacles télévisés qu'ils jugent inappropriés pour leurs enfants.
- Le code des films est utilisé pour les films originaux classifiés par la Motion Picture Association of America (MPAA) diffusés sur le câble, sans être édités pour la télévision. V-CHIP peut également être réglé pour bloquer les films classifiés par la MPAA.

REMARQUE

- Le réglage active automatiquement le «Blocage» pour tous les codes inférieurs à votre sélection.
- Si Etat n'est pas réglé sur «PERMETTRE», les réglages de configuration ne sont pas opérationnels.

MPAA (Système volontaire de codage des films) Exemple



Appuyez sur **▲/▼** pour régler la rubrique sur la position désirée.

«■» indique que la rubrique est bloquée. Appuyez sur **MENU** pour quitter.

G : Toutes les audiences. Tous les âges sont admis.

PG : Des directives parentales sont recommandées.

PG-13 : Certains scènes risquent de ne pas convenir aux enfants.

PG-13 : Parents mis en garde. Certaines scènes risquent de ne pas convenir aux enfants de moins de 13 ans.

R : Interdit. Les enfants de moins de 17 ans doivent avoir un parent ou un adulte les accompagnant (l'âge varie selon les juridictions).

NC-17 : Interdit aux enfants de moins de 17 ans.

X : La classe X est maintenant ancienne et a été unifiée avec la classe NC-17. Elle est encore codée dans les données de films anciens.

REMARQUE

- Le système volontaire de codage des films utilise uniquement un codage par âge.

Exemple



Configuration initiale (Suite)

Configuration individuelle

Contrôle parental

Directives télévisées parentales

Exemple



Age suggéré

TV-Y : Tous les enfants.

TV-Y7 : Destiné aux enfants plus ages.

TV-G : Grand public.

TV-PG : Directives parentales suggérées.

TV-14 : Parents mis en garde.

TV-MA : Public adulte uniquement.

Pour régler une rubrique de classification basée sur un contenu individuel :

- 1 Appuyez sur **▶** pour accéder aux rubriques dont le contenu est bloqué à partir de la rubrique de classification basée sur l'âge actuellement sélectionnée.
- 2 Appuyez sur **▲/▼** pour sélectionner une rubrique individuelle, et appuyez ensuite sur **ENTER** pour la débloquer («**■**» est retiré). Procédez de la même manière pour les autres rubriques.
- 3 Appuyez sur **■** pour enregistrer après avoir réglé toutes les rubriques de classification à contenu individuel.

Contenu

FV : Fantaisie avec violence.

V : Violence.

S : Scènes de sexe.

L : Langage adulte.

D : Dialogue à caractère sexuel.

Code	Contenu					
	FV	V	S	L	D	
Age suggéré	TV-Y	☒	☒	☒	☒	☒
	TV-Y7	☒	☒	☒	☒	☒
	TV-G		☒	☒	☒	☒
	TV-PG		☒	☒	☒	☒
	TV-14		☒	☒	☒	☒
	TV-MA		☒	☒	☒	

☒ : Le code du contenu peut être réglé, mais il n'est généralement pas codé dans les émissions.

☒ : Le code du contenu peut être réglé.

Systèmes de codage du Canada (Codes anglais et français du Canada)

- Les systèmes de codage du Canada sont basés sur la politique de la Commission Canadienne de Radio-Télévision et de Télécommunications (CRTC) sur la violence dans les programmes télévisés.
- Si la violence constitue le principal élément du codage, la structure développée tient également compte d'autres parties du contenu, comme le langage, la nudité, la sexualité et les thèmes pour adultes.
- Lorsque vous réglez V-CHIP sur le système canadien, vous pouvez choisir soit les codes anglais du Canada, soit les codes français du Canada.

Exemple



Configuration initiale (Suite)

Configuration individuelle

Contrôle parental

Codes anglais du Canada

E : Exempté : Inclut les informations, les sports, les documentaires et les autres programmes d'informations; les causeries, vidéos musicales, et les programmes de variétés.

C : Enfants : Destiné aux jeunes enfants de moins de 8 ans. Apporte une attention particulière aux thèmes pouvant menacer leur sens de la sécurité et leur bien-être.

C8+ : Enfants de plus de 8 ans : Ne contient pas de scène de violence en tant que moyen préféré, acceptable ou unique pour résoudre un conflit. N'encourage pas non plus les enfants à imiter des actes dangereux qu'ils ont pu voir à l'écran.

G : Grand public : Considéré comme acceptable pour tous les groupes d'âge. Peut être vu par toute la famille, contient très peu de violence physique, verbale ou émotionnelle.

PG : Directives parentales : Destiné au grand public mais peut ne pas convenir aux jeunes enfants (de moins de 8 ans) car il peut contenir des thèmes ou des questions controversées.

14+ : Plus de 14 ans : Peut contenir des thèmes où la violence est l'un des éléments prédominants de l'histoire, mais doit faire partie du développement de l'intrigue ou du personnage. Le langage utilisé peut être cru et des scènes de nu être visibles dans le contexte du thème.

18+ : Adultes : Destiné aux spectateurs de 18 ans et plus et pouvant contenir des scènes de violence qui, tout en étant en relation avec le développement de l'intrigue, du personnage ou des thèmes, s'adressent exclusivement aux adultes. Peut contenir du langage graphique et des scènes de sexe et de nudité.

Codes français du Canada

E : Programmation exemptée.

G : Grand public : Tous les âges et les enfants; contient un minimum de violence directe, mais elle peut être intégrée à l'intrigue de manière humoristique ou fantaisiste.

8ans+ : Grand public mais déconseillé aux jeunes enfants : Peut être regardé par un vaste public mais peut contenir des scènes pouvant perturber les enfants de moins de 8 ans qui ne peuvent pas faire la distinction entre des situations imaginaires et réelles.

Le visionnement avec les parents est recommandé.

13ans+ : Plus de 13 ans : Peut contenir des scènes de violence fréquentes et il est donc préférable de regarder l'émission avec les parents.

16ans+ : Plus de 16 ans : Peut contenir des scènes de violence fréquente et de violence intense.

18ans+ : Plus de 18 ans : Réservé aux adultes. Peut contenir des scènes de violence fréquente et de violence intense.

Comment libérer provisoirement le blocage V-CHIP

Le blocage V-CHIP fonctionne et censure une émission. «PUCE V ACTIVER» est affiché.

- 1 Appuyez sur **ENTER** lorsque V-CHIP fonctionne et le menu de réglage du numéro secret s'affiche.
- 2 Entrez le numéro à 4 chiffres à l'aide de **0-9**. A ce moment-là, le blocage V-CHIP est provisoirement libéré.

Exemple



Configuration initiale (Suite)

Configuration individuelle

Contrôle parental

Réactivation du blocage V-CHIP provisoirement libéré
Vous pouvez réactiver le blocage V-CHIP provisoirement libéré comme indiqué ci-dessous.

- Sélectionnez le réglage «Etat» à partir du menu Contrôle parental pour réactiver BLOCAGE.
- Sélectionnez le réglage «V-Chip» («MPAA», «TV Guidelines», «Codes ang. Canada» ou «Codes Fr. Canada») à partir du verrouillage enfant pour réactiver BLOCAGE.
[\(Voir pages 3-12 à 3-13.\)](#)
- Mettez le téléviseur hors tension.

REMARQUE

- L'une des trois méthodes ci-dessus permet d'activer le blocage V-CHIP.

Etat

Utilisé pour mettre en marche ou arrêter la fonction de contrôle parental. Cette fonction n'est pas sélectionnable à partir du menu si vous n'avez pas défini de numéro secret.

No. Secret

Vous permet d'utiliser un numéro secret pour protéger certains réglages d'être accidentellement changé.

IMPORTANT:

Trois conditions doivent être remplies pour activer la V-Chip[\(Voir pages 3-12 à 3-13.\)](#)

- 1.No. secret est inscrit.
- 2.V-Chip / V-Chip (DTV uniquement) paramètres ont été faites.Le «V-Chip (DTV uniquement)» ne peuvent être sélectionnés quand un nouveau système de notation peut être téléchargé via la diffusion numérique aux États-Unis
- 3."Status" est réglé sur "Activer".

Réglage de numéro secret

Vous pouvez définir et modifier le code secret en utilisant 0-9.

Oui: Modifie ou définit le numéro secret.

Non: "Supprimer numéro secret" menu s'affiche lorsque le numéro secret a été défini. Lorsque le numéro secret n'a pas été réglée, l'écran précédent s'affiche.

NOTE

- Par mesure de précaution, faire une note de votre code secret et conservez-le dans un endroit familial.
- Si le nombre secret est annulé, le réglage Etat est automatiquement réglé sur "Off". "V-Chip" et "Etat" n'est pas sélectionnable dans le menu.

Mode de mise en marche rapide

Lorsque cette fonction est activée, vous pouvez réduire le temps de démarrage du téléviseur ou même le laisser en mode veille, et commencer à afficher les images et ainsi de suite via l'équipement connecté sur le réseau.

REMARQUE

- Configurer le «Mode de mise en marche rapide» sur «ON» consomme plus d'électricité.

Exemple



Configuration initiale (Suite)

Réglages d'entrée

Réglage HDMI - Visionnement auto.

Lorsque vous regardez des images envoyées depuis l'équipement externe via une connexion HDMI, cette fonction permet d'ajuster automatiquement la taille de l'image au téléviseur.

REMARQUE

- Reportez-vous au mode d'emploi de votre appareil externe pour le type de signal.
- Lorsque vous raccordez un adaptateur/câble de conversion DVI-HDMI sur la prise HDMI IN, l'image peut ne pas être reçue clairement.

DIGITAL AUDIO

Vous pouvez émettre un son audio numérique vers un ampli AV ou appareil similaire dont la prise d'entrée audio numérique (DIGITAL AUDIO INPUT) est raccordée à la prise de sortie audio numérique (DIGITAL AUDIO OUT) du téléviseur. Sélectionnez un format de sortie audio compatible avec le format audio du programme que vous regardez et l'appareil raccordé.

Off: Fermez la fonction de sortie audio numérique.

PCM : Pour la connexion à l'équipement ne prenant pas en charge le format Dolby Digital et DTS. Un audio identique (principal, auxiliaire, ou principal/auxiliaire) à celui du programme en cours de visionnement est reproduit.

L'audio 2 canaux avec un taux d'échantillonnage de 48 kHz ou inférieur est reproduit sous la forme d'un audio PCM linéaire.

Flux binaire : Pour la connexion à un système audio prenant en charge le format Dolby Digital et DTS. L'audio est reproduit via les canaux principaux et les canaux auxiliaires.

REMARQUE

- L'audio du canal analogique et l'audio de l'entrée vidéo sont reproduits en mode PCM même si «Flux binaire» est sélectionné.
- Les signaux d'entrée numériques PCM sont reproduits en mode PCM même si «Flux binaire» est sélectionné.

Sélection Audio

Cette fonction règle la prise pour qu'elle reproduise le son de l'ordinateur.

Les rubriques d'ajustement varient en fonction de la source d'entrée. Sélectionnez la source d'entrées correspondant à la rubricque raccorder à l'ordinateur et ajustez la rubricque de votre choix.

Pour effectuer cette opération; consultez «Configuration initiale» > «Réglages d'entrée» > «Sélection Audio». [\(Voir page 3-8.\)](#)

Sélect. sortie

Vous permet de sélectionner ce qui commande la sortie audio.

Fixe : Le son par le haut-parleur se règle avec **VOL+/-** sur la télécommande ou sur le téléviseur.

Le son par la prise AUDIO OUT n'est pas réglable et sort à un niveau constant.

Variable : Le son par la prise AUDIO OUT se règle avec **VOL+/-** sur la télécommande ou sur le téléviseur.

Le son par le haut-parleur est coupé.

Sélect d'entrée

Lorsque l'entrée d'image appliquée au terminal COMPONENT IN ou VIDEO IN, activez «CONPOSANT» ou «AV-Y/C» respectivement.

CONPOSANT : Sélectionnez vidéo composante.

AV-Y/C : Sélectionnez vidéo composite.

REMARQUE

- Si aucune image (couleur) ne s'affiche, tentez de passer sur un autre type de signal.
- Consultez le mode d'emploi de l'appareil externe pour le type de signal.

Saut entrée

Ce réglage vous permet de sauter l'entrée TV, HDMI ou PC IN («PC IN, COMPONENT, HDMI 1, HDMI 2, HDMI 3 et VIDEO») lors des opérations de Sélection d'entrée.

REMARQUE

- Si vous connectez un équipement externe à une prise HDMI IN que vous avez configurée pour être ignorée, un message de notification apparaît sur l'écran lorsqu'un signal est reçu de l'équipement externe connecté. Appuyez sur «oui» pour réinitialiser le réglage lié au saut afin que la prise d'entrée devienne disponible.

Exemple



Configuration initiale (Suite)

Réglages d'entrée

Système Couleur

Sélectionnez le système de signal vidéo compatible avec votre appareil dans la liste ci-dessous.

Auto/NTSC/PAL-M/PAL-N

REMARQUE

- «Système Couleur» ne peut être réglé que pour VIDEO IN 1 ou COMPONENT/VIDEO IN.
- Si vous avez déjà réglé le numéro secret, entrez ce numéro à 4 chiffres ici.

Réglage LINK

Effectuez les réglages pour utiliser AQUOS LINK. Configurez les réglages avec «Configuration initiale» > «Réglages d'entrée» > «Réglage LINK».

Réglage de Sync.fine

Vous pouvez ajuster la position de l'entrée d'image à partir d'un PC et les réglages avec «Configuration initiale» > «Réglages d'entrée» > «Réglage de Sync.fine».

Réinitial.

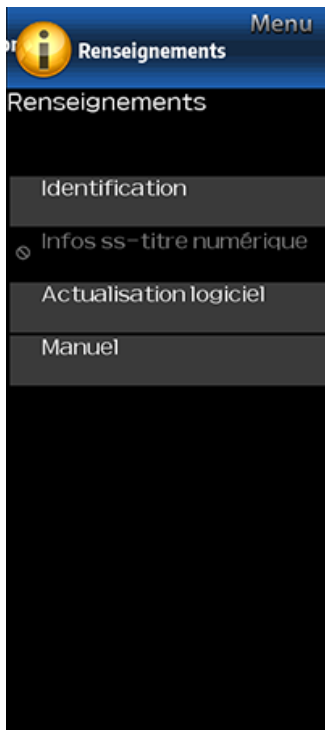
Si vous procédez à des ajustements complexes et que les réglages ne peuvent pas être ramenés à la normale, vous pouvez réinitialiser les réglages aux valeurs pré-réglées d'usine.

- Si vous avez déjà réglé le numéro secret, entrez ce numéro à 4 chiffres ici.

REMARQUE

- Les paramètres de Réglage des canaux ne seront pas modifiés.
- Les paramètres de Réglage de la langue ne seront pas modifiés.
- Les réglages de Emplacement TV ne seront pas modifiés.

Exemple



Renseignements

REMARQUE

- Pour utiliser le d'affichage sur l'écran, voir [page 4-3](#).

Identification

La version actuelle du logiciel de TV s'affiche.

Infos ss-titre numérique

Cette fonction permet d'afficher les sous-titres fermés de programmes en provenance de sources transmises en numérique.

REMARQUE

- Cette liste ne s'affiche pas pour les transmissions analogiques et l'entrée audio/vidéo externe.
- Ces données ne sont pas comprises dans CC1, CC2, Texte1, ou Texte2 et ne sont pas affichées dans la liste.

Actualisation logiciel

Ceci permet de mettre à niveau le logiciel du système afin d'améliorer les fonctions du téléviseur.

- 1 Appuyez sur **MENU** pour afficher l'écran MENU, et appuyez ensuite sur **◀▶** pour sélectionner «Renseignements».
- 2 Appuyez sur **▲▼** pour sélectionner «Actualisation logiciel», et appuyez ensuite sur **ENTER**.
 - Si vous avez déjà défini le numéro secret, passez à l'étape 3.
- 3 Appuyez sur **▲▼** pour sélectionner «Mise à jour manuelle» ou «Réglage de mise à jour automatique», et appuyez ensuite sur **ENTER**.
 - Les opérations ci-après varient en fonction du réglage.

Réglage de mise à jour automatique

Lorsque votre téléviseur est allumé ou lorsqu'une application Internet est accédée, cette fonction permet au téléviseur de se connecter au réseau et de vérifier automatiquement les mises à jour.

Lorsqu'une mise à jour est disponible un message s'affiche. Appuyez sur **◀▶** pour sélectionner «oui», et appuyez ensuite sur **ENTER** pour afficher l'écran de téléchargement.

REMARQUE

- Cette fonction n'est pas opérationnelle si une connexion à large bande ou si la Configuration Internet ne sont pas disponibles.
- Un message peut également s'afficher lorsqu'une application est en cours d'exécution. Le message varie en fonction de l'application.

Mise à jour manuelle

Sélectionnez la méthode pour mettre manuellement à jour le logiciel.

Mise à jour USB : Met à jour le logiciel à l'aide d'un périphérique mémoire USB qui contient le fichier de mise à jour. (Voir «Mise à jour du logiciel à l'aide d'un périphérique mémoire USB».)

Mise à jour en réseau : Télécharge le fichier de mise à jour via le réseau, puis met à jour le logiciel.

REMARQUE

- Une connexion à large bande et la Configuration Internet se sont requises pour mettre à jour le logiciel à l'aide du réseau.
- L'accès et le téléchargement de la mise à jour peuvent prendre un certain temps en fonction de la connexion Internet et d'autres facteurs.

Mise à jour du logiciel à l'aide d'un périphérique mémoire USB

Pour vérifier la disponibilité d'une mise à jour de logiciel, consultez le site <http://www.sharpusa.com/products/support/>. Si vous avez des questions, veuillez appeler le 1-800-BE-SHARP (800-237-4277).

Exemple



Renseignements (Suite)

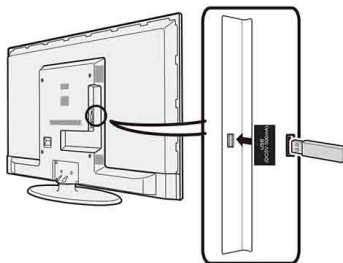
Actualisation logiciel

Mise à jour manuelle

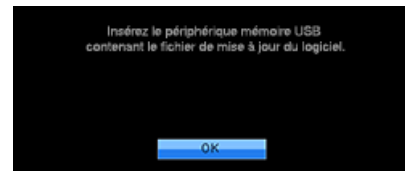
ATTENTION

- Ne retirez pas le périphérique mémoire USB de l'appareil, et ne débranchez pas le cordon du secteur pendant toute la durée de mise à jour du logiciel.
- Assurez-vous de bien suivre pas à pas toute la procédure décrite ci-dessous. Sinon, par Exemple, le téléviseur ne pourra pas lire les données du périphérique mémoire USB et la mise à jour du logiciel échouera.

1 Insérez le périphérique mémoire USB comportant le fichier de mise à jour dans la prise USB du téléviseur.



- 2 Appuyez sur ▲/▼ sur l'écran Mise à jour manuelle pour sélectionner «Mise à jour USB», et appuyez ensuite sur ENTER.
- 3 Appuyez sur ENTER pour lancer la vérification des données sur le périphérique mémoire USB.



- 4 Le message «Vérification» clignote à l'écran pendant la procédure de vérification des données.
 - La version actuelle du logiciel de la TV, ainsi que celle du fichier de mise à jour contenu sur le périphérique mémoire USB s'affichent toutes deux à l'écran.
 - Un message d'erreur s'affiche lorsque la clé de mémoire USB ne contient aucun fichier de mise à jour, ou si elle a été incorrectement insérée. Vérifiez alors le fichier sur le périphérique mémoire USB, ou réinsérez éventuellement le périphérique mémoire USB.

Exemple



Renseignements (Suite)

Actualisation logiciel

Mise à jour manuelle

5 Pour lancer la mise à jour du logiciel de la TV, sélectionnez «oui», et appuyez ensuite sur **ENTER**.

ATTENTION

- **Ne retirez pas le périphérique mémoire USB de l'appareil, et ne débranchez pas le cordon du secteur pendant toute la durée de mise à jour du logiciel.**

6 Une fois le logiciel mis à jour, un message s'affiche à l'écran pour indiquer le succès de l'opération.

La TV s'éteint alors, avant de se rallumer automatiquement par la suite.

- En cas d'échec de la mise à jour, vérifiez l'intégrité du fichier présent sur le périphérique mémoire USB avant de relancer la mise à jour du logiciel.

7 Retirer le périphérique mémoire USB.

Mise à jour du logiciel via le réseau

- 1 Appuyez sur ▲/▼ sur l'écran de Mise à jour manuelle pour sélectionner «Mise à jour en réseau», et appuyez ensuite sur **ENTER**.
 - Le téléviseur se connecte au réseau et vérifie la présence de mises à jour.
 - Pour annuler, appuyez sur **ENTER**.
- 2 La version actuelle du téléviseur et la dernière version du logiciel sont affichées. Pour mettre à jour le logiciel du téléviseur, sélectionnez «oui», et appuyez ensuite sur **ENTER**.
 - Lorsqu'une connexion au serveur ne peut pas être établie ou qu'une mise à jour n'est pas disponible, un message s'affiche. Si aucune connexion serveur ne peut être établie, vérifiez la connexion à large bande et la Configuration Internet.
- 3 Après le téléchargement du fichier de mise à jour, le processus de mise à jour du logiciel commence.

ATTENTION

- **Ne débranchez pas le cordon secteur lorsque le logiciel est en cours de mise à jour.**
- 4 Une fois le logiciel correctement mis à jour, un écran s'affiche et indique que le processus est terminé. Un écran indiquant que la mise à jour est terminée s'affiche. 4 secondes plus tard, le téléviseur redémarre automatiquement.
 - Si le logiciel n'a pas réussi à procéder à la mise à jour, vérifiez la connexion à large bande et la Configuration Internet, puis essayez à nouveau de procéder à la mise à jour.

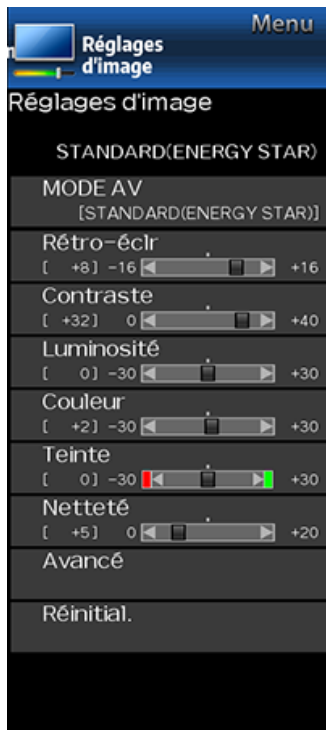
Licence de logiciel

Affiche l'information sur la version du logiciel.

Manuel

Affiche le mode d'emploi intégré sur l'écran. Vous pouvez lire des informations sur les modalités d'utilisation de cet appareil.

Exemple



Réglages d'image

Ajustez l'image selon vos préférences avec les réglages de l'image suivants.

REMARQUE

- Pour utiliser le d'affichage sur l'écran, [voir page 4-3](#).

Rubrique sélectionnée	◀ Touche	▶ Touche
Rétro-éclr	L'écran s'assombrit	L'écran s'illumine
Contraste	Pour diminuer le contraste	Pour augmenter le contraste
Luminosité	Pour diminuer la luminosité	Pour augmenter la luminosité
Couleur	Pour diminuer l'intensité des couleurs	Pour augmenter l'intensité des couleurs
Teinte	Les tons chair deviennent plus rouges	Les tons chair deviennent plus verts
Netteté	Pour diminuer la netteté	Pour augmenter la netteté

- Pour remettre toutes les rubriques de réglage de l'image aux valeurs pré réglées d'usine, appuyez sur ▲/▼ pour sélectionner «Réinitial.», appuyez sur **ENTER**, appuyez sur ▲/▼ pour sélectionner «oui», et appuyez ensuite sur **ENTER**.

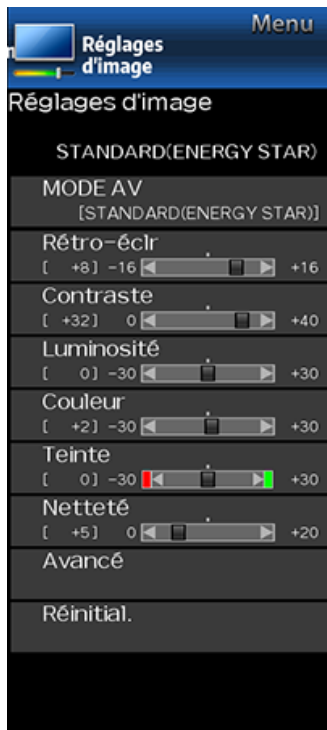
MODE AV (Changer qualité d'image)

Il est possible de modifier les réglages audio et vidéo afin de les adapter au programme ou au contenu entré que vous regardez.

REMARQUE

- Les éléments sélectionnables varient selon la source d'entrée et le modèle de votre téléviseur.
- Vous pouvez sélectionner MODE AV en appuyant sur **AV MODE** sur la télécommande. [Voir page 3-10](#) pour les détails des réglages du MODE AV.

Exemple



Réglages d'image (Suite)

Avancé

Optimisation de mouvement

Utilisez Optimisation de mouvement pour visualiser des vidéos aux actions rapides plus clairement.

Rubrique sélectionnée	Description
120Hz	Pour obtenir une image plus nette.
Arrêt	Image originale.

REMARQUE

- «Optimisation de mouvement» peut être à l'origine d'un bruit d'image. Le cas échéant, désactivez-la.
- Lorsque MODE AV est réglé sur «PC», ou qu'un format d'ordinateur est entré, «Optimisation de mouvement» n'est pas disponible.

Réduction bruit

Procure une image vidéo plus nette.

Auto : Ajuste automatiquement le niveau de réduction du bruit.

Haut/Moyen/Bas : Vous pouvez sélectionner le niveau souhaité pour afficher une image vidéo plus nette.

Arrêt : Pas de réglage.

REMARQUE

- «Réduction bruit» n'est pas disponible si vous réglez MODE AV sur «PC» ou qu'un format PC est entré.

Exemple



Réglages d'image (Suite)

Avancé

C.M.S. (Système de gestion des couleurs)

La tonalité des couleurs est gérée en utilisant le réglage d'accord du système de six couleurs.

C.M.S.-Teintes : Il s'agit d'une norme pour ajuster la couleur avec une nuance de rouge ou une nuance de bleu.a

C.M.S.-Saturations : Augmente ou diminue la saturation de la couleur sélectionnée.

C.M.S.-Valeurs : Une valeur supérieure rend l'image plus claire.

Une valeur inférieure rend l'image plus sombre.

REMARQUE

- Pour remettre toutes les rubriques de réglage aux valeurs préréglées d'usine, appuyez sur ▲/▼ pour sélectionner «Réinitial.», et appuyez ensuite sur ENTER.

Température de couleur

Pour une meilleure balance des blancs, utilisez la correction de température de la couleur.

Bas : Blanc avec nuance bleue

Moyen :



Haut : Blanc avec nuance rouge

Réglage précis de la température de couleur

Pour régler précisément la couleur de température,

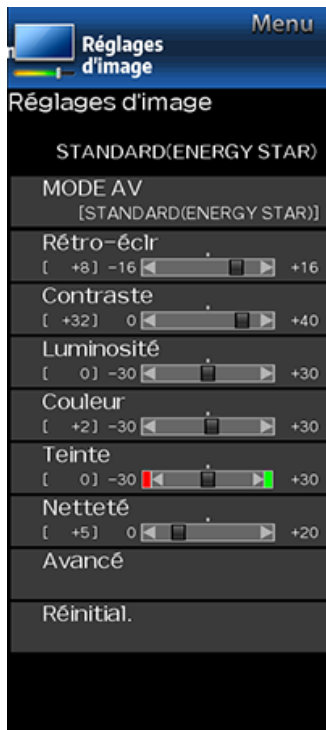
configurez «Réglage à 10 points» sur «Marche». Vous pouvez ajuster le réglage «Position». Ajustez la température de couleur réglée de +1 à +10.

Il est possible de régler la balance des blancs entre un maximum de +30 et un minimum de -30 pour chaque couleur de température.

REMARQUE

- Lorsque «Position» est réglé sur «10», vous pouvez ajuster la balance des blancs entre -30 et 0.
- Pour remettre toutes les rubriques de réglage aux valeurs préréglées d'usine, appuyez sur ▲/▼ pour sélectionner «Réinitial.», et appuyez ensuite sur ENTER.

Exemple



Réglages d'image (Suite)

Avancé

Contraste actif

Permet d'ajuster automatiquement le contraste de l'image en fonction de la scène.

Marche : Produit une image au contraste élevé.

Arrêt : Aucun ajustement.

Mode film (3 : 2 déroulant)

Cette fonction fournit une lecture de haute qualité des images codées à l'origine à 24 images/seconde, comme les films.

Standard : Règle l'effet pour réduire le bruit du contenu film.

Arrêt : Mode de visionnement normal.

REMARQUE

- «Mode film» est inopérant en fonction du type de signal d'entrée.
- «Mode film» est inopérant lorsque vous réglez MODE AV sur le MODE «PC».
- «Standard» est inopérant en fonction du type de signal d'entrée.

Noir et blanc

Pour regarder une vidéo en noir et blanc.

Réinitial.

Rétablit les paramètres d'image prédéfinis. Pour réinitialiser, sélectionnez «oui» puis appuyez sur **ENTER**.

Exemple



Réglages audio

Vous pouvez régler la qualité du son selon vos préférences avec les réglages suivants.

REMARQUE

- Pour utiliser le d'affichage sur l'écran, voir page 4-3.

Rubrique sélectionnée	◀ Touche	▶ Touche
Aigus	Pour diminuer les aigus	Pour augmenter les aigus
Graves	Pour diminuer les graves	Pour augmenter les graves
Balance	Diminue le son du haut-parleur droit	Diminue le son du haut-parleur gauche

REMARQUE

- Le menu audio est estompé en gris lorsque «Sélect. sortie» est réglé sur «Variable».
- Pour remettre les rubriques de réglage audio aux valeurs préréglées d'usine, appuyez sur ▲/▼ pour sélectionner «Réinitial.», appuyez sur **ENTER**, et appuyez ensuite sur ▲/▼ pour sélectionner «oui», et appuyez ensuite sur **ENTER**.

SURROUND

La fonction d'ambiophonie produit un effet d'ambiophonie grâce aux haut-parleurs.

REMARQUE

- Le menu Réglages audio est estompé en gris lorsque «Sélect. sortie» est réglé sur «Variable».
- Pour certains disques, un réglage peut être requis sur votre lecteur BD/DVD. Dans ce cas, veuillez vous reporter au mode d'emploi de votre lecteur BD/DVD.

Volume automatique

Il arrive que différentes sources audio n'aient pas le même niveau de volume, par exemple lors de l'interruption d'un programme par une publicité, la fonction de contrôle automatique du volume (Volume automatique) atténue ce problème en égalisant le son.

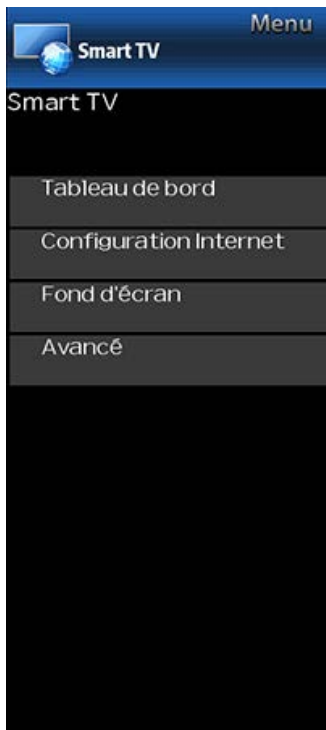
MARCHE : Réduit les écarts de volume entre différents sources audio. Le résultat est ajusté automatiquement conformément aux sources audio.

ARRÊT : Aucun réglage.

Réinitial.

Rétablit les paramètres audio prédéfinis. Pour réinitialiser, sélectionnez «oui» puis appuyez sur **ENTER**.

Exemple



Smart TV

Tableau de bord

Vous pouvez afficher une liste des paramètres Smart TV généraux.

Configuration Internet

Configure les paramètres du réseau local et Internet.

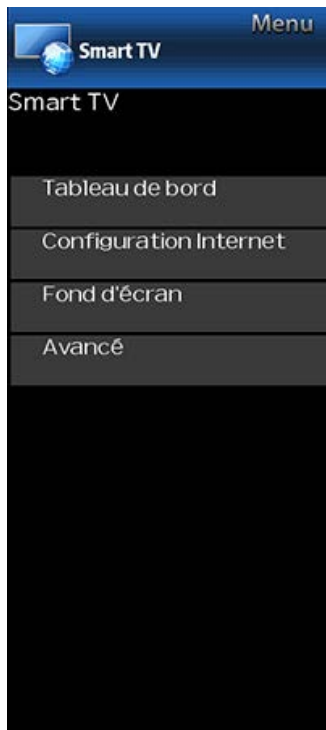
Configuration de réseau

Vous pouvez connecter votre téléviseur à Internet à l'aide de l'élément de réglage «Configuration de réseau». [\(Voir pages 8-3 à 8-4.\)](#)

Service interactif

Si vous ne désirez pas que l'on puisse se connecter à Internet en votre absence, procéder aux réglages qui empêchent la connexion du téléviseur à Internet.

Exemple



Smart TV (Suite)

Fond d'écran

Activer la fonction affichera des images fixes lorsque le téléviseur sera en mode veille.

Mode papier peint

Configure les mode papier peint.

Arrêt : Aucune image n'est affiché.

Marche : Les images fixes sont affichées lorsque la télévision est en veille.

Source de données

Pour le papier peint, vous pouvez choisir les images fixes préinstallées dans le téléviseur ou vos images fixes favorites stockées dans le périphérique mémoire USB.

Pré-installé : Les images préinstallées dans le téléviseur sont affichées dans un diaporama.

USB : Vos images favorites enregistrées pour le papier peint s'affichent. Si une seule image fixe est enregistrée dans le périphérique mémoire USB, cette image s'affiche comme papier peint. Lorsqu'il y a plusieurs images fixes en mémoire, toutes les images s'affichent dans un diaporama.

REMARQUE

- Les images sont affichées sous forme de diaporama à des intervalles 3 minutes.
- Lorsque le téléviseur est en mode Papier peint, vous pouvez l'éteindre en pressant et en maintenant enfoncé **POWER** sur le téléviseur pendant 5 secondes.
 - Juste avant que le téléviseur ne s'éteigne, la dernière image affichée au moment de l'arrêt du téléviseur apparaît brièvement.
 - Vos réglages peuvent ne pas être mémorisés dans certains cas.

Lorsque vous affichez des images à l'aide du périphérique mémoire USB :

- Créez un dossier nommé «WP» dans le répertoire racine du périphérique mémoire USB (le premier répertoire lorsque le périphérique mémoire USB est ouvert), et stockez-le dans le dossier des images fixes que vous voulez afficher pour le papier peint.
- Vous devez insérer le périphérique mémoire USB dans le téléviseur avant d'éteindre le téléviseur.
- S'il y a des images sur le périphérique mémoire USB mais qu'elles n'apparaissent pas à l'écran, passez en mode USB et vérifiez que les fichiers images sur le périphérique mémoire USB s'affichent correctement.

Réglage de minuterie

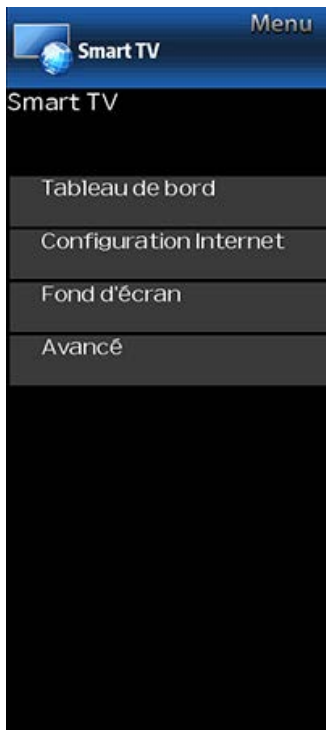
Vous pouvez configurer la durée pendant laquelle le téléviseur demeure en mode papier peint.

3 heures/6 heures/12 heures/24 heures

REMARQUE

- Aucun bouton sauf **POWER** ne fonctionne même lorsque les images fixes sont affichées.
- Si le périphérique mémoire USB prêt à l'emploi n'est pas inséré, les images fixes préinstallées dans le téléviseur seront affichées dans un diaporama même lorsque le «Source de données» est configuré sur «USB».
- Le périphérique mémoire USB ne pouvant être détecté immédiatement après l'allumage du téléviseur depuis le mode veille; il est possible que le papier peint préinstallé dans le téléviseur soit affiché même lorsque le «Source de données» est configuré sur «USB».
- Les images fixes seront affichées jusqu'à ce que le temps configuré se soit écoulé.

Exemple



Smart TV (Suite)

Avancé

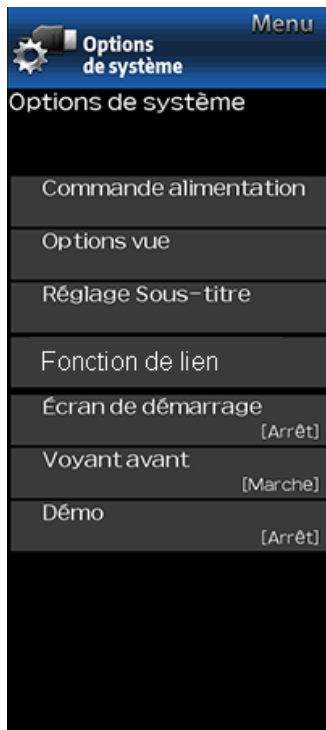
Aide Netflix

Vous pouvez désactiver la fonction Netflix. Consultez «Smart TV» > «Avancé» > «Aide Netflix» et sélectionnez «Désactiver».

Aide VUDU

Pour désactiver la fonction VUDU; consultez «Smart TV» > «Avancé» > «Aide VUDU» et sélectionnez «oui».
[\(Voir pages 8-12 to 8-13.\)](#)

Exemple



Options de système

REMARQUE

- Pour utiliser le d'affichage sur l'écran, [voir page 4-3.](#)

Commande alimentation

Le réglage de la commande d'alimentation vous permet d'économiser de l'énergie.

Aucun sgn arrêt

Lorsque cette fonction est activée, le téléviseur s'éteint automatiquement si aucun signal n'est reçu pendant plus de 15 minutes.

REMARQUE

- 5 minutes avant la mise hors tension, la durée restante s'affiche toutes les minutes.
- Cette fonction risque de ne pas être opérationnelle lorsqu'un programme télévisé est terminé.

Pas d'opé. arrêt

Lorsque vous activez cette fonction, le téléviseur s'éteint automatiquement si aucune opération n'est effectuée pendant plus de 3 heures.

REMARQUE

- 5 minutes avant la mise hors tension, la durée restante s'affiche toutes les minutes.

Options vue

Mode vue

Cette fonction permet de changer la taille de l'écran. Sélectionnez «Options vue» dans le menu pour afficher l'écran du menu Mode vue. Le menu Mode vue varie en fonction de la source d'entrée.

Changer audio

MPX

Vous permet de modifier le son lorsque plusieurs sons sont disponibles pour le programme que vous regardez.

REMARQUE

- Vous pouvez changer Audio en appuyant sur **AUDIO** de la télécommande. [Voir page 3-8](#) pour plus de détails sur la fonction AUDIO.

Audio seul

Lorsque vous écoutez de la musique à partir d'un programme musical, vous pouvez éteindre l'écran et ne profitez que du son.

REMARQUE

- L'image à l'écran redeviendra normale à la pression sur une touche (à l'exception des touches de réglage audio, comme **VOL**, **MUTE**).

Changer cc

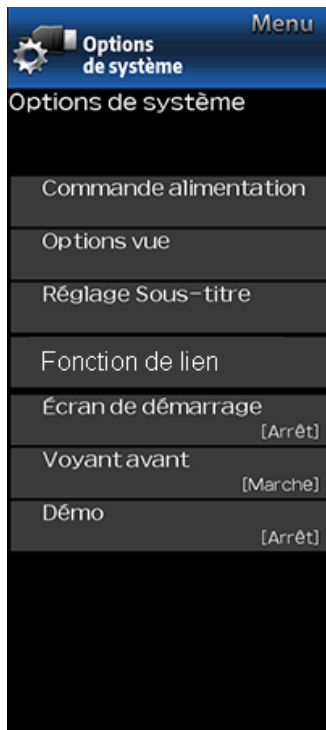
Vous permet de changer l'affichage des sous-titres. Sélectionnez «Changer cc» dans le menu pour afficher les informations concernant les sous-titres.

- Les informations affichées varient en fonction du programme que vous regardez.

REMARQUE

- Vous pouvez changer les sous-titres en appuyant sur **CC** de la télécommande. [Voir pages 3-12 à 3-13](#) plus de détails sur la fonction des sous-titres.

Exemple



Options de système (Suite)

Réglage Sous-titre

Cette fonction vous permet d'ajuster l'apparence de l'écran des sous-titres à votre guise.

Size/Edge Effect/Edge Color/Text Color/Coul. arrière-plan/Text Opacity/Opac. arrière-plan

REMARQUE

- La valeur par défaut dépend de la station émettrice.

Écran de démarrage

Lorsque cette fonction est activée, le logo SHARP s'affichera lorsque vous allumerez votre téléviseur.

REMARQUE

- Cette fonction n'est pas disponible lorsque le téléviseur est configuré sur le «Mode de mise en marche rapide».

Voyant avant

En cas de réglage de cette fonction sur «Marche», le voyant DEL situé à l'avant du téléviseur s'allume.

REMARQUE

- «Marche» est la valeur d'usine prédéfinie par défaut. Si vous souhaitez éteindre le voyant DEL, réglez la fonction sur «Arrêt».

Démonstration

Vous pouvez sélectionner l'image à partir de plusieurs modes de démonstration.

REMARQUE

- Les types d'éléments de réglage disponibles varient en fonction du modèle de votre téléviseur.
- Cette fonction est annulée quand vous appuyez sur **EXIT** de la télécommande.
- «Démonstration» peut ne pas être sélectionné en fonction du type de signal d'entrée ou de l'état de l'application.
- «Démonstration» peut ne pas être annulé automatiquement en fonction du type de signal d'entrée.

Lecture de morceaux de photos/musique/vidéo

Préparatifs

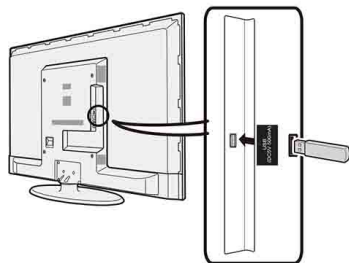
Vous pouvez raccorder le téléviseur à un périphérique mémoire USB, un disque dur USB ou un serveur Réseau personnel afin de regarder des images, d'écouter de la musique et de regarder des vidéos.

REMARQUE

- En fonction du périphérique mémoire USB/disque dur USB/serveur Réseau personnel, le téléviseur peut ne pas être capable de reconnaître les données enregistrées.
- Un certain temps peut-être nécessaire à la lecture des données enregistrées si le périphérique mémoire USB/disque dur USB/serveur Réseau personnel contient de nombreux fichiers ou dossiers.
- Utilisez uniquement des caractères alphanumériques lors de la définition des noms des fichiers.
- Les noms de fichier de plus de 80 caractères (cette option peut être différente en fonction du réglage des caractères) peuvent ne pas être affichés.

Connexion d'un périphérique mémoire USB/un disque dur USB

Insérez le périphérique mémoire USB contenant des photos, des morceaux de musique ou des vidéos enregistrés dans la prise USB du téléviseur.



- Si vous connectez un disque dur USB, veillez à utiliser un disque dur avec un adaptateur secteur.
- Ne retirez pas un périphérique mémoire USB ou une carte mémoire du téléviseur lors des opérations de transfert de fichiers, d'utilisation de la fonction Diaporama, de changement d'écrans ou avant de quitter «USB» à partir de la Liste d'entrée.
- N'insérez pas ou ne retirez pas de périphérique mémoire USB/disque dur USB du téléviseur d'une manière répétitive.
- Si vous utilisez un lecteur de cartes, veillez à insérer un périphérique mémoire USB en premier lieu.

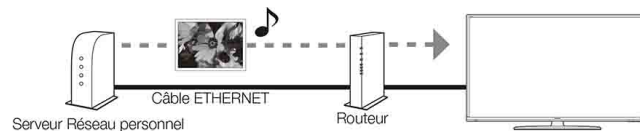
ATTENTION

- **N'utilisez pas le câble d'extension USB si vous raccordez un périphérique mémoire USB sur la prise USB du téléviseur.**
- **L'utilisation d'un câble d'extension USB avec un périphérique mémoire USB peut empêcher le téléviseur de fonctionner correctement.**

Connexion à un serveur réseau personnel

Raccordez le téléviseur au serveur Réseau personnel à l'aide d'un câble ETHERNET.

- Vous pouvez également connecter un serveur pour Réseau personnel à l'aide d'un réseau LAN sans fil.



REMARQUE

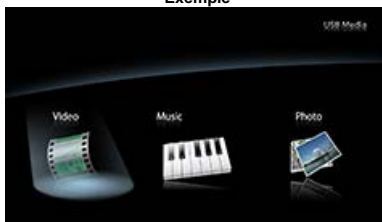
- Ne débranchez pas le serveur Réseau personnel du téléviseur pendant le transfert de fichiers, lorsque l'écran change ou avant de quitter «Réseau personnel(DLNA)» Liste d'entrée.
- Ne branchez et ne débranchez pas un serveur Réseau personnel à plusieurs reprises du téléviseur.



Sélection des dossiers pour la lecture

- Pour lire les données sur un périphérique mémoire USB, introduisez-la dans le téléviseur. Mode USB est automatiquement sélectionné. (Passez à l'étape 2)
- Utilisez la procédure suivante pour revenir au mode USB après avoir commuté du mode USB vers un autre mode.
 - 1 Sélectionnez «USB» ou «Réseau personnel(Home Network)» sur l'écran de la Liste d'entrée.
 - 2 Appuyez sur **▲▼** (ou **◀▶**) pour sélectionner le lecteur/serveur dans lequel se trouvent les fichiers recherchés, et appuyez ensuite sur **ENTER**.
 - Pour mode USB, sélectionnez le lecteur.
 - Dans Mode Réseau personnel, vous devez sélectionner le serveur.
 - 3 Appuyez sur **◀▶** pour sélectionner «Photo», «Musique» ou «Vidéo», et appuyez ensuite sur **ENTER**.

Exemple



- 4 Appuyez sur **◀▶** pour sélectionner le dossier de votre choix, et appuyez ensuite sur **ENTER**.
 - Le «Mode vue» est fixe en mode photo ou musique. En mode vidéo, vous pouvez sélectionner «Auto», «Original» ou «Stretch».
 - Dans le «Mode vidéo», les vidéos qui sont plus petites que le nombre de pixels sur l'écran sont affichées aux dimensions originales. Dans ces cas, réglez le «Mode vue » sur «Auto» pour afficher la vidéo en plein écran.

REMARQUE

- L'écran Média peut être affiché même en utilisant la fenêtre des applications. Pour afficher la fenêtre des applications, appuyez sur **SMART**. [\(Voir page 3-6.\)](#)
- 16 est le nombre maximum d'unités USB et 10 est le nombre maximum de serveur de Réseau personnels qui peuvent être affichés.

Compatibilité des périphériques USB

Périphérique USB	Mémoire USB, Lecteur de carte USB (Catégorie de stockage de masse), Disque dur USB
Système de fichiers	FAT/FAT32/NTFS (seul disque dur USB)
Format des fichiers image	JPEG (.jpg) (conforme DCF2.0)
Format des fichiers musicaux	MP3 (.mp3) Bitrate : 32k, 40k, 48k, 56k, 64k, 80k, 96k, 112k, 128k, 160k, 192k, 224k, 256k, 320kbps Taux d'échantillonnage : 32k, 44,1k, 48kHz



Sélection des dossiers pour la lecture (Suite)

Format des fichiers vidéo			
Extension de fichier	Contenant	Vidéo	Audio
.avi	AVI	H.264 MPEG4 Motion Jpeg	MP3 Dolby Digital LPCM ADPCM DTS
.mkv	MKV	H.264 MPEG4	MP3 Dolby Digital LPCM ADPCM DTS
.asf .wmv	ASF	MPEG4 VC-1 Windows Media	MP3 Dolby Digital LPCM WMA
.mp4 .mov	MP4 (SMP4)	H.264 MPEG4 Motion Jpeg	MP3 Dolby Digital Dolby Digital Plus AAC
.mpg .mpeg	PS	MPEG2 MPEG1	Dolby Digital MPEG LPCM

REMARQUE

- Les fichiers jpeg de format progressif ne sont pas pris en charge.
- Périphériques USB 1.1 peuvent ne pas être lus correctement.
- Les opérations utilisant des noyaux USB ne sont pas garanties.
- Certains formats de fichiers vidéo peuvent ne pas être lus en fonction du fichier.
- Il est possible que certaines images ne s'affichent pas au format approprié en fonction du format du fichier.

Compatibilité avec le serveur réseau personnel

Format des fichiers image	JPEG
Format des fichiers musicaux	LPCM, MP3
Format des fichiers vidéo	MPEG2-PS, MPEG2-TS, WMV, ASF, MP4, MOV, AVI

REMARQUE

- Les fichiers au format progressif jpeg ne sont pas pris en charge.
- Certains formats de fichiers vidéo ne sont pas lus en fonction du fichier ou le serveur.
- WMV, ASF, MP4, MOV et AVI sont des contenus non Réseau personnel.



Lecture de fichiers sur un périphérique mémoire USB/serveur réseau personnel

REMARQUE

- Les images à l'écran dans cette section sont pour le mode USB. Cela peut être légèrement différent en mode Réseau personnel.

Mode photo

Visionnage de vignettes

Exemple



Touches pour opérations sous forme de vignettes

Touches	Description
▲▼◀▶	Sélection de l'élément de son choix.
ENTER	Lors de la sélection d'une icône répertoire : Entrée dans le répertoire sélectionné. Lors de la sélection d'une vignette de photo : Commencez le diaporama.
RETURN	Retourne au processus précédent.
A (rouge)	Efface la console de visualisation d'informations sur le fichier.
B (vert)*	
C (bleu)	
D (jaune)	

* Cette fonction est disponible uniquement pour le mode USB.

REMARQUE

- En cas de présence de fichiers image non valides, la marque X sera affichée au niveau du fichier concerné (mode USB uniquement).
- Quelques instants après avoir positionné le curseur sur une miniature, l'information sur le fichier apparaît sur le côté droit, au centre de l'écran.



Lecture de fichiers sur un périphérique mémoire USB/serveur réseau personnel (Suite)

Diaporama

Les images affichées dans l'écran de sélection des vignettes sont présentées sous forme de diaporama.

Touches pour opération sous forme de diaporama

Touches	Description
RETURN	Retour dans l'écran de sélection des vignettes.
B (vert)	Afficher/masquer le guide sur les opérations
C (bleu)	Fichier précédent
D (jaune)	Fichier suivant

REMARQUE

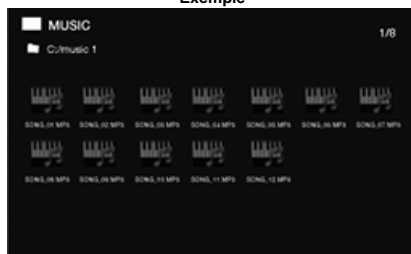
- La rotation des images s'applique uniquement aux éléments sélectionnés d'une manière temporaire et ce réglage n'est pas enregistré.



Lecture de fichiers sur un périphérique mémoire USB/serveur réseau personnel (Suite)

Mode musique

Exemple



Touches pour le mode musique

Touches	Description
▲▼/◀▶	Sélection de l'élément de son choix.
ENTER	Lors de la sélection d'une icône répertoire : Entrée dans le répertoire sélectionné. Lors de la sélection d'un fichier musical : Lecture du morceau.
RETURN	Retourne au processus précédent.
A (rouge)	Efface la console de visualisation d'informations sur le fichier.
B (vert)	
C (bleu)	
D (jaune)*	

Cette fonction est disponible uniquement pour le mode USB.

REMARQUE

- En cas de présence de fichiers musicaux non valides, la marque X sera affichée au niveau du fichier concerné (mode USB uniquement).
- Le temps de lecture affiché peut légèrement différer du temps de lecture réel d'un fichier à l'autre.
- Quelques instants après avoir positionné le curseur sur une miniature, l'information sur le fichier apparaît sur le côté droit, au centre de l'écran.



Lecture de fichiers sur un périphérique mémoire USB/serveur réseau personnel (Suite)

Mode vidéo

Exemple



Touches pour opération de sélection de fichiers

Touches	Description
▲▼/◀▶	Sélection de l'élément de son choix.
ENTER	Lors de la sélection d'une icône répertoire : Entrée dans le répertoire sélectionné. Lors de la sélection d'un fichier vidéo : Lisez la vidéo.
RETURN	Retournez au processus précédent.
A (rouge)	Effacez la console de visualisation d'informations sur le fichier.
B (vert)	
C (bleu)	
D (jaune)*	

* Cette fonction est disponible uniquement pour mode USB.

REMARQUE

- Quelques instants après avoir positionné le curseur sur une miniature, l'information sur le fichier apparaît sur le côté droit, au centre de l'écran.

Lecture de fichiers sur un périphérique mémoire USB/serveur réseau personnel (Suite)



Touches pour le mode lecture

Touches	Description
▲	Avance d'image
▼	Arrêter la lecture
▶	Avance rapide
◀	Retour rapide
A (rouge)	Effacer OSD
B (vert)	Fichier précédent
C (bleu)	Afficher/masquer guide de fonctionnement
D (jaune)	Fichier suivant
RETURN	Retour à l'écran de sélection du fichier.



Lecture de fichiers à partir d'un périphérique portable ou d'un ordinateur

Grâce à la fonction de lecture à distance, vous pouvez utiliser votre périphérique portable pour lire les images, vidéos et la musique sur le serveur Réseau personnel.

- Pour utiliser la fonction de lecture à distance, votre périphérique portable doit être un contrôleur de média numérique certifié DLNA.
- Un point d'accès sans fil est requis pour utiliser un périphérique portable.

Régler le réseau familial

Effectuez les réglages pour la lecture à distance.

- 1 Appuyez sur **◀▶** pour sélectionner «Smart TV», et appuyez ensuite sur **ENTER**.
- 2 Appuyez sur **▲▼** pour sélectionner «Configuration Internet», et appuyez ensuite sur **ENTER**.
- 3 Appuyez sur **▲▼** pour sélectionner «Régler le réseau familial», et appuyez ensuite sur **ENTER**.
- 4 Appuyez sur **▲▼** pour sélectionner une option d'ajustement spécifique, et appuyez ensuite sur **ENTER** pour régler chaque option.

Réglages de lecture de télécommande

Ce réglage permet au téléviseur d'effectuer une lecture à distance.

Permis/Pas permis

Réglage de temporisation

Ce réglage permet de régler le délai de retour automatique du téléviseur en mode TV une fois la lecture à distance terminée.

10 sec./60 sec./non

REMARQUE

- Cette fonction risque de ne pas fonctionner si une application Internet est en cours d'utilisation.
- Pour des informations sur les formats compatibles, voir «Compatibilité avec le serveur réseau personnel» à la [voir page 6-3](#).

Utilisation d' Fonction de lien

Vérification de dispositifs HDMI à l'aide d' Fonction de lien

Quelle est la fonction de l' Fonction de lien ?

- L' Fonction de lien permet de faire fonctionner de façon interactive différents appareils (tels qu'un lecteur de disques Blu-ray, amplificateur AV, DVD), à condition qu'ils soient tous compatibles avec le protocole HDMI CEC (Consumer Electronics Control).
- Fonction de lien vous permet de télécommander plusieurs dispositifs HDMI à l'aide d'une seule télécommande.

REMARQUE

- Pour connecter le téléviseur à un appareil compatible LINK, utilisez les câbles disponibles commercialement.
- Pointez toujours la télécommande en direction de la TV, et non sur l'appareil raccordé par câble HDMI.
- Des parasites vidéo risquent d'apparaître en fonction du type de câble HDMI utilisé. N'utilisez que des câbles certifiés HDMI.
- Ce système permet d'utiliser en parallèle jusqu'à 3 enregistreurs HDMI et un amplificateur AV.
- Ces opérations peuvent affecter le fonctionnement de l'appareil HDMI sélectionné en tant que source d'entrée. En cas de dysfonctionnement, allumez l'appareil en question puis sélectionnez la source en entrée avec **INPUT**.
- La fonction LINK peut ne pas fonctionner correctement lorsque un diviseur HDMI ou un sélecteur AV est utilisé. Ces dispositifs peuvent causer des interruptions de l'image et/ou du son.

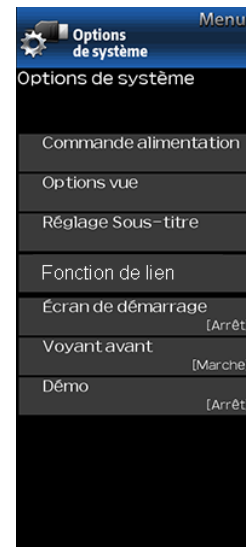
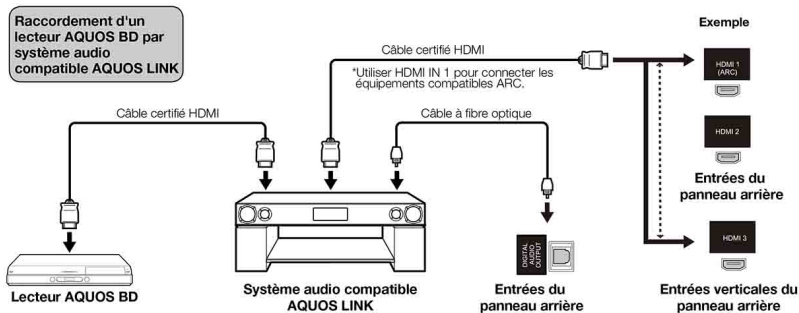
Les appareils raccordés compatibles LINK peuvent être utilisés sans modifier les réglages de la télécommande.

Commande du système audio compatible LINK

Permet de configurer le volume du système audio compatible LINK.

REMARQUE

- Toutes les étapes de la procédure «Link Setup» à la [voir page 6-2](#) devront être complétées auparavant.
- Reportez-vous si nécessaire au mode d'emploi du périphérique LINK utilisé avec cette TV.





Vérification de dispositifs HDMI à l'aide d' Fonction de lien (Suite)

Réglage LINK

Effectuez les réglages pour utiliser Fonction de lien. Configurez les réglages avec « Configuration initiale » > « Réglages d'entrée » > « Link Setup ».

Link Operation

Sélectionnez la Commande Fonction de lien pour désactiver la fonction LINK même quand un appareil HDMI compatible LINK est connecté au téléviseur. Cette fonction empêche l'appareil de fonctionner de façon inattendue.

Marche auto

La fonction de Lecture Une Touche est activée conjointement avec cette fonction. La TV démarre automatiquement à partir du mode de veille, puis affiche les images de la source HDMI.

Canal audio

Cette fonction vous permet d'écouter le son du téléviseur via un appareil audio sans utiliser de câble en fibre optique généralement requis.

Conditions requises pour l'utilisation d'un amplificateur AV compatible ARC :

- Un amplificateur AV compatible ARC raccordé à la prise HDMI IN compatible ARC (HDMI IN). (Consultez le mode d'emploi de l'appareil compatible ARC pour plus de détails.)
- Utilisation d'un câble compatible ARC.

Auto : Vous pouvez écouter le son du téléviseur à l'aide d'un appareil audio compatible ARC.

Arrêt : Cette fonction n'est pas opérationnelle.

REMARQUE

- Si le son du téléviseur ne peut pas être reproduit depuis l'amplificateur AV même après avoir procédé aux réglages nécessaires, raccordez le téléviseur à l'amplificateur AV à l'aide d'un câble en fibre optique pour sélectionner « Arrêt ».



Vérification de dispositifs HDMI à l'aide d' Fonction de lien (Suite)

Lecture Une Touche

Fonction de lien vous permet de commander tous vos appareils compatibles HDMI à l'aide d'une seule télécommande.

- Appuyez sur ► pour lancer la lecture d'un titre.
- Le dernier programme lu est alors reproduit. Les touches suivantes peuvent être utilisées pendant la visualisation de l'émission.

Touches	Description
◀◀	Maintenez enfoncée cette touche pour revenir en arrière.
▶▶	Lance la lecture. Pour régler les pauses et les images fixes.
▶▶▶	Maintenez enfoncée cette touche pour l'avance rapide.
■	Arrête la lecture.
◀◀◀	Appuyez rapidement une fois pour aller au début du chapitre en cours. A chaque pression sur la touche, vous allez au début du chapitre précédent.
▶▶▶	Appuyez rapidement une fois pour aller au début du chapitre suivant. A chaque pression sur la touche, vous allez au début du chapitre suivant.

REMARQUE

- Les touches ◀◀◀/▶▶▶ ne fonctionnent pas avec les lecteurs de disque Blu-ray actuellement disponibles.
 - BD-HP20U, BD-HP50U



Menu Fonction de lien

Afficher menu de départ

Vous pouvez afficher un menu de configuration depuis l'appareil compatible LINK connecté.

REMARQUE

- En fonction de l'état de l'équipement (mode d'enregistrement, d'attente, etc.), il se peut que le menu de configuration ne soit pas affiché.

Changer appareil de sortie audio

Vous pouvez choisir d'écouter le son de la TV uniquement via le système audio compatible LINK.

Par audio AQUOS HP : Le son du haut-parleur de la TV est coupé et seul le son du système audio compatible LINK est audible.

- Vous pouvez utiliser les fonctions **VOL+/-** et **MUTE**.

Par AQUOS HP : Le son est émis via le haut-parleur de la TV.

Sélection d'appareil HDMI

Si de multiples appareils HDMI sont connectés en chaîne, vous pouvez spécifier quel est l'appareil à contrôler d'ici. Appuyez sur ▲/▼ pour sélectionner l'appareil désiré à partir d'une liste de l'appareil HDMI connectés, et appuyez ensuite sur **ENTER**.

Réglage LINK

Vous pouvez également afficher l'écran de Réglage Fonction de lien à partir du menu Fonction de lien.

Ajustement de l'image d'un ordinateur

Vous pouvez ajuster la position de l'entrée d'image à partir d'un PC et les réglages avec «Configuration initiale» > «Réglages d'entrée» > «Réglage de Sync.fine».

Réglage de Sync.fine

En temps normal, vous pouvez régler facilement l'image s'il est nécessaire de changer la position de l'image avec «Sync.Automat.». Dans certains cas, toutefois, un réglage manuel est nécessaire pour optimiser l'image.

Input Signal : Sélectionner le signal d'entrée

1024x768

1360x768

Réglage de Sync.Automat. : Pour régler automatiquement l'image de l'ordinateur.

oui : Sync. Automat. démarre et «Réglage de l'image.» s'affiche.

non : La fonction ne marche pas.

Pos.hori : Centre l'image en la déplaçant vers la gauche ou la droite.

Pos.vert : Centre l'image en la déplaçant de haut en bas.

Horloge : Ajustez lorsque l'image scintille avec des rayures verticales.

Phase : Ajustez lorsque les caractères ont de faibles contrastes ou que l'image scintille.

REMARQUE

- Lorsque «Sync.Automat.» a réussi, «Auto Sync terminée avec succès» s'affiche. Sinon, «Sync. Automat.» a échoué.
- «Sync.Automat.» peut échouer même si «Auto Sync terminée avec succès.» est affiché.
- «Sync.Automat.» risque d'échouer si l'image de l'ordinateur est de faible résolution, a des bords indéfinis (noirs) ou bien est déplacée sans exécuter «Sync.Automat.».
- Veillez à brancher l'ordinateur sur le téléviseur et à le mettre sous tension avant de démarrer «Sync. Automat.».
- Pour remettre toutes les rubriques de réglage «Sync. fine» aux valeurs préréglées d'usine, appuyez sur ▲▼ pour sélectionner «Réinitial.», et appuyez ensuite sur **ENTER**.
- Il n'est pas nécessaire de régler «Horloge» ou «Phase» lorsqu'un signal numérique est reçu, pour qu'il ne puisse pas être sélectionné.
- Il est possible que le curseur ne soit pas positionné par défaut au centre de l'image, en raison de l'asymétrie des gammes de positionnement disponibles.
- Les plages de positionnement de l'image dépendent à la fois du Mode vue et du type de signal visualisé. Il est possible de les consulter à l'écran de configuration de la position de l'image.

Réglage de l'entrée Audio

Sélection Audio

Cette fonction règle la prise pour qu'elle reproduise le son de l'ordinateur. Les rubriques d'ajustement varient en fonction de la source d'entrée. Sélectionnez la source d'entrées correspondant à la prise raccordée à l'ordinateur et ajustez la rubrique de votre choix. Pour effectuer cette opération ; consultez «Configuration initiale» > «Réglages d'entrée» > «Sélection Audio».

HDMI 2

HDMI (numérique) : Sélectionnez ceci lorsque le- **téléviseur et l'ordinateur sont raccordés à l'aide d'un câble certifié HDMI et que le son est entré via le même câble.**

HDMI + analogique : Sélectionnez ceci lorsque le téléviseur et l'ordinateur sont raccordés à l'aide d'un câble de conversion DVI-HDMI et que le son est entré via une mini-prise stéréo Ø 3.5 mm.

REMARQUE

- Lorsque «Sélection Audio» est réglé sur «HDMI (numérique)», le son n'est pas émis si vous utilisez uniquement un câble certifié HDMI pour raccorder un équipement compatible HDMI. Pour que le son soit émis, vous devez établir une connexion audio analogique.
- Si vous souhaitez raccorder à un équipement compatible HDMI uniquement à l'aide d'un câble certifié HDMI, réglez «Sélection Audio» sur «HDMI (numérique)».

Utilisation d'un ordinateur

Commande du téléviseur

- Le téléviseur peut être commandé depuis un ordinateur, des panneaux de commande et d'autres périphériques à l'aide de IP.
- Utilisez un câble croisé, ETHERNET (disponible dans le commerce) ou le réseau local sans-fil pour les connexions.

REMARQUE

- Le système d'exploitation doit être utilisé par une personne familiarisée avec l'utilisation des ordinateurs.

Réglages en détail

Définissez les réglages de détails (nom d'ouverture de session, mot de passe, etc.). Suivez les instructions à l'écran pour configurer les réglages.

Sél. nom appareils

Configurez le nom du téléviseur affiché sur les autres périphériques réseau.

- Utilisez le clavier logiciel pour définir le nom.

Conditions de communication pour IP

Raccordez le téléviseur avec les réglages d'IP suivants pour l'ordinateur.

Protocole IP :	TCP/IP
Adresse IP de l'hôte :	Réglez l'adresse IP sur le menu du téléviseur
Service :	Aucun (Ne sélectionnez ni Telnet ni SSH)
N° port TCP :	Configurez un numéro de port sur le menu du téléviseur (port de commande)

Lorsque vous réglez vos ID et mot de passe dans le menu du téléviseur, vous devez les saisir dès que vous raccordez le téléviseur.

REMARQUE

- Lorsque vous utilisez cette fonction, faites les réglages pour «Télécommande AQUOS».
- La connexion est coupée s'il n'y a pas de communication pendant 3 minutes.

Procédure de communication

Envoyez les commandes de contrôle de l'ordinateur par IP.

Le téléviseur fonctionne conformément à la commande reçue et envoie un message de réponse à l'ordinateur.

N'envoyez pas plusieurs commandes à la fois.

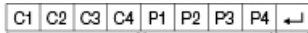
Attendez que l'ordinateur reçoive la bonne réponse avant d'envoyer la commande suivante.

Utilisation d'un ordinateur

Commande du téléviseur (Suite)

Format de commande

Huit codes ASCII e CR



Commandes à 4 chiffres Paramètres à 4 chiffres Code de retour

Commande à 4 chiffres : Commande un texte de quatre caractères.

Paramètre à 4 chiffres : Paramètre 0-9, x, espace, ?

Paramètre

Entrez les valeurs des paramètres, en alignant sur la gauche et remplissez avec des espaces pour le restant. (Veillez à entrer quatre valeurs pour le paramètre.)

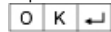
Lorsque le paramètre d'entrée n'est pas dans une plage réglable, «ERR» réapparaît. (Reportez-vous à «Format de code de réponse».)

Toute valeur numérique peut remplacer le «x» dans le tableau.

0				Lorsque « ? » est entré pour certaines commandes, la valeur de réglage actuelle répond.	?			
0	0	0	9		?	?	?	?
-	3	0						

Format de code de réponse

Réponse normale



Code de retour (ODH)

Réponse au problème

(erreur de communication ou commande incorrecte)



Code de retour (ODH)

Table des commandes

- Le fonctionnement des commandes qui ne sont pas indiquées ici n'est pas garanti.

Rubrique de commande		Commande				Paramètre				Contenu de la commande					
Réglage de la commande de mise en marche		R	S	P	W	0	-	-	-	Arrêt	La commande de mise en marche est rejetée.				
						2	-	-	-	Marche [IP]	La commande de mise en marche est acceptée.				
Réglage d'alimentation		P	O	W	R	0	-	-	-	Mise hors tension	Pour passer en attente.				
						1	-	-	-	Mise sous tension	Mise sous tension				
Sélection d'entrée	Commu-tation	I	T	G	D	x	-	-	-	(Commu-tation)	Pour entrer-commuter par bascule. (identique à une touche de changement d'entrée)				
						TV	I	T	V	D	0	-	-	-	Pour entrer-commuter sur TV. (Le canal reste tel quel. (Dernière mémorisation))
						1-8	I	A	V	D	*	-	-	-	1 : HDMI IN 1, 2 : HDMI IN 2, 3 : HDMI IN 3, 5 : COMPO-NENT IN, 6 : VIDEO IN 1, 8 : PC IN

REMARQUE

- Lorsqu'un tiret de soulignement (_) est indiqué dans la colonne des paramètres, entrez un espace.
- Lorsqu'un astérisque (*) est indiqué, entrez une valeur dans la plage indiquée entre parenthèses dans Contenu de la commande.
- Tant que le paramètre (x) dans le tableau est une valeur numérique, tout peut être écrit.

Utilisation d'un ordinateur

Commande du téléviseur (Suite)

Rubrique de commande		Commande				Paramètre				Contenu de la commande	
Sélection du mode AV		A	V	M	D	*	*	*	_	0 : (Commutation), 1 : STANDARD (ENERGY STAR), 2 : CINÉMA, 4 : UTILISATEUR, 5 : DYNAMIQUE (Fixé), 6 : DYNAMIQUE	Bien que l'on puisse sélectionner immédiatement, le fonctionnement avec bascule est à l'intérieur.
Volume		V	O	L	M	*	*	*	_	Volume (0-100)	
Position	Pos.hori	H	P	O	S	*	*	*	_		Les plages de positionnement de l'image dépendent à la fois du Mode vue et du type de signal visualisé.
	Pos.vert	V	P	O	S	*	*	*	_		
	Horloge	C	L	C	K	*	*	*	_	Uniquement mode PC (0–180)	
	Phase	P	H	S	E	*	*	_	_	Uniquement mode PC (0–40)	

Rubrique de commande	Commande				Paramètre				Contenu de la commande	
Mode vue	W	I	D	E	*	*	_	_	0 : (Commutation) [AV], 1 : Barre Latérale [AV], 2 : Allonge smart. [AV], 3 : Zoom [AV], 4 : Allonge [AV, USB-Vidéo, Réseau personnel vidéo ou Applications Internet], 5 : Normal [PC], 6 : Zoom [PC], 7 : Allonge [PC], 8 : Pt par Pt [PC] [AV], 9 : Plein Écran [AV], 10 : Auto [USB-Vidéo, USB-Photo, Réseau personnel vidéo, Photo ou Applications Internet], 11 : Original [USB-Vidéo, USB-Photo, Réseau personnel vidéo, Photo ou Applications Internet]	0 : Bien que l'on puisse sélectionner immédiatement, le fonctionnement avec bascule est à l'intérieur. 1 : Uniquement disponible lorsque le signal 4 : 3 est reçu. 8 : [PC] Disponible sauf lorsque le signal UXGA est reçu. [AV] Uniquement disponible lorsque le signal 1080i/p est reçu. 9 : Uniquement disponible lorsque le signal 720p est reçu. 10, 11 : Disponible lors de l'utilisation d'USB-Vidéo, USB-Photo, Réseau personnel vidéo, Photo ou application Internet.
Sourdine	M	U	T	E	*	_	_	_	0 : (Commutation), 1 : Marche, 2 : Arrêt	

REMARQUE

- Lorsqu'un tiret de soulignement (_) est indiqué dans la colonne des paramètres, entrez un espace.
- Lorsqu'un astérisque (*) est indiqué, entrez une valeur dans la plage indiquée entre parenthèses dans Contenu de la commande.
- Tant que le paramètre (x) dans le tableau est une valeur numérique, tout peut être écrit.

Utilisation d'un ordinateur

Commande du téléviseur (Suite)

Rubrique de commande	Commande				Paramètre				Contenu de la commande	
Ambiophonie	A	C	S	U	*	_	_	_	0 : (Commutation), 1 : Marche, 2 : Arrêt	
Sélection audio	A	C	H	A	x	_	_	_	(Commutation)	
Minut. Extinction	O	F	T	M	*	_	_	_	0 : Arrêt, 1 : Minut. Extinction - 30 min., 2 : Minut. Extinction - 60 min., 3 : Minut. Extinction - 90 min., 4 : Minut. Extinction - 120 min.,	

Rubrique de commande	Commande				Paramètre				Contenu de la commande		
Canal	Canal direct (ANALOG)	D	C	C	H	*	*	*	_	Le numéro de canal du téléviseur (1-135)	Un changement d'entrée est inclus s'il n'y a pas d'affichage TV. Pour Ant., canal 2-69 est effectif. Pour Câble, canal 1-135 est effectif.
		D	A	2	P	*	*	*	*	(0100-9999)	Ant. numérique (Numéros en 2 parties, 2 chiffres plus 2 chiffres)
	Canal direct (DIGITAL)	D	C	2	U	*	*	*	_	(1-999)	Câble numérique (Numéros en 2 parties, 3 chiffres plus 3 chiffres) Première partie du n canal câble numérique (Designier le canal supérieur)
D		C	2	L	*	*	*	_	(0-999)	Câble numérique (Numéros en 2 parties, 3 chiffres plus 3 chiffres) Deuxième partie du n canal câble numérique (Designier le canal inférieur)	

REMARQUE

- Lorsqu'un tiret de soulignement (_) est indiqué dans la colonne des paramètres, entrez un espace.
- Lorsqu'un astérisque (*) est indiqué, entrez une valeur dans la plage indiquée entre parenthèses dans Contenu de la commande.
- Tant que le paramètre (x) dans le tableau est une valeur numérique, tout peut être écrit.

Utilisation d'un ordinateur

Commande du téléviseur (Suite)

Rubrique de commande		Commande				Paramètre				Contenu de la commande	
Canal	Canal direct (DIGITAL)	D	C	1	0	*	*	*	*	(0-9999)	Câble numérique (Numéros en 1 partie, 5 chiffres, inférieur à 10 000)
		D	C	1	1	*	*	*	*	(0-6383)	Câble numérique (Numéros en 1 partie, 5 chiffres, supérieur à 10 000)
	Canal supérieur	C	H	U	P	x	-	-	-	Le numéro de canal du téléviseur +1	S'il n'y a pas d'affichage TV, entre-commute sur TV. (même fonction que CH \wedge)
	Canal inférieur	C	H	D	W	x	-	-	-	Le numéro de canal du téléviseur -1	S'il n'y a pas d'affichage TV, entre-commute sur TV. (même fonction que CH \vee)
CC		C	L	C	P	x	-	-	-	(Commutation)	Fonctionnement par bascule des sous-titres
Nom d'appareil		T	V	N	M	1	-	-	-		Le nom du périphérique configuré dans «Sél. nom appareils» s'affiche.
Nom du modèle		M	N	R	D	1	-	-	-		Le nom du modèle du téléviseur













Rubrique de commande	Commande				Paramètre				Contenu de la commande	
Version du logiciel	S	W	V	N	1	-	-	-		La version actuelle du logiciel du téléviseur s'affiche.
Version du protocole IP	I	P	P	V	1	-	-	-		La version actuellement prise en charge du protocole IP s'affiche.

REMARQUE

- Lorsqu'un tiret de soulignement (_) est indiqué dans la colonne des paramètres, entrez un espace.
- Lorsqu'un astérisque (*) est indiqué, entrez une valeur dans la plage indiquée entre parenthèses dans Contenu de la commande.
- Tant que le paramètre (x) dans le tableau est une valeur numérique, tout peut être écrit.

Utilisation d'un ordinateur

Commande du téléviseur (Suite)

Rubrique de commande	Commande				Paramètre				Contenu de la commande	
Touches de la télécommande	R	C	K	Y	*	*	-	-	0-10 : 0-9, 11 : POINT, 12 : ENT, 13 : POWER, 14 : DISPLAY, 15 :  , 16 :  , 17 :  , 18 :  , 19 :  , 20 :  , 21 : SLEEP, 22 : CC, 23 : AV MODE, 24 : VIEW MODE, 25 : FLASH BACK, 26 : MUTE, 27 : VOL -, 28 : VOL +, 29 : CH  , 30 : CH  , 31 : INPUT, 32 : MENU, 33 : SMART, 34 : ENTER, 35 :  , 36 :  , 37 :  , 38 :  , 39 : RETURN, 40 : EXIT, 41 : FAV CH, 42 : AUDIO, 43 : A (rouge),	

Rubrique de commande	Commande				Paramètre				Contenu de la commande	
Touches de la télécommande	R	C	K	Y	*	*	-	-	44 : B (vert), 45 : C (bleu), 46 : D (jaune), 47 : FREEZE, 48 : FAV APP 1, 49 : FAV APP 2, 50 : FAV APP 3, 51 : NETFLIX, 52 : E-MANU	

REMARQUE

- Lorsqu'un tiret de soulignement () est indiqué dans la colonne des paramètres, entrez un espace.
- Lorsqu'un astérisque (*) est indiqué, entrez une valeur dans la plage indiquée entre parenthèses dans Contenu de la commande.
- Tant que le paramètre (x) dans le tableau est une valeur numérique, tout peut être écrit.

Utilisation d'un ordinateur

Tableau des ordinateurs compatibles

Il est nécessaire de régler correctement l'ordinateur pour afficher les signaux XGA et WXGA.

Résolution	Fréquence horizontale	Fréquence verticale	Norme VESA	
VGA	720 x 400	31,5 kHz	70 Hz	—
	640 x 480	31,5 kHz	60 Hz	○
		37,9 kHz	72 Hz	○
		37,5 kHz	75 Hz	○
SVGA	800 x 600	35,1 kHz	56 Hz	○
		37,9 kHz	60 Hz	○
		48,1 kHz	72 Hz	○
		46,9 kHz	75 Hz	○
XGA	1024 x 768	48,4 kHz	60 Hz	○
		56,5 kHz	70 Hz	○
		60,0 kHz	75 Hz	○
WXGA	1360 x 768	47,7 kHz	60 Hz	○
SXGA	1280 x 1024	64,0 kHz	60 Hz	○
SXGA+	1400 x 1050	65,3 kHz	60 Hz	○
UXGA	1600 x 1200	75,0 kHz	60 Hz	○
1080p	1920 x 1080	67,5 kHz	60 Hz	—

VGA et XGA sont des marques déposées d'International Business Machines Corp.

Utilisation d'Internet

En reliant le téléviseur à un système à large bande, vous pouvez accéder à Internet grâce au téléviseur.

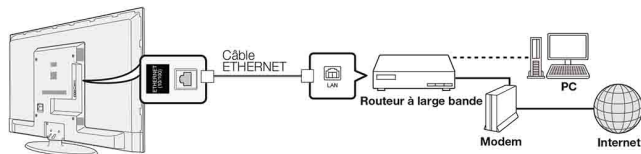
- Vous pouvez profiter de toute une gamme de contenus en continu et d'applications Internet. ([Voir pages 8-12 à 8-13.](#))

Raccordement à Internet

- Pour relier le téléviseur à Internet, vous devez disposer d'une connexion large bande.
- Si vous ne disposez pas d'une connexion à large bande, consulter le magasin où vous avez acheté le téléviseur ou un fournisseur d'accès à Internet, ou encore l'opérateur de téléphonie.
- Lors de l'établissement d'une connexion Internet, il n'est pas possible d'utiliser une connexion Ethernet et sans-fil en même temps. N'utilisez que l'un des types de connexion.

Utilisation d'un câble ETHERNET

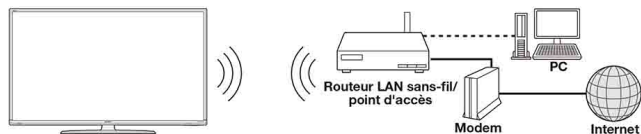
Utilisez un câble ETHERNET (en vente dans le commerce) pour relier la prise ETHERNET du téléviseur au routeur à large bande (en vente dans le commerce).



Utilisation du LAN sans fil

Ce téléviseur est équipé d'une fonction LAN sans fil.

Pour une connexion LAN sans fil, vous devez utiliser «Connexion sans fil» pour connecter le point d'accès et le téléviseur.



REMARQUE

- Ce téléviseur possède une fonction LAN sans fil intégrée. L'utilisation d'un adaptateur LAN USB sans fil distinct peut faire en sorte que les communications radio ne soient plus conformes aux réglementations sur les communications radio. Par conséquent, n'utilisez pas d'adaptateur LAN sans fil distinct.
- Il n'est pas possible de garantir une connexion LAN sans-fil et son fonctionnement pour tous les locaux résidentiels. Dans les cas suivants, le signal LAN sans-fil peut être de mauvaise qualité ou s'interrompre, ou la vitesse de connexion peut ralentir.
 - En cas d'utilisation dans des édifices en béton, acier armé ou métal
 - En cas de positionnement à proximité d'objets entravant le signal
 - En cas d'utilisation avec d'autres dispositifs sans-fil émettant à la même fréquence
 - En cas d'utilisation à proximité de fours à microondes et d'autres dispositifs émettant un champ magnétique, une charge électrostatique ou une interférence électromagnétique
- En présence d'une interférence significative dans la fréquence de 2,4 GHz (comme celle provenant d'autres dispositifs LAN sans-fil, dispositifs Bluetooth®, téléphones sans-fil à 2,4 GHz et fours à microondes), nous vous recommandons d'utiliser un routeur LAN sans-fil/point d'accès compatible avec la norme IEEE802.11a/n (5 GHz) et de régler l'émission du point d'accès à 5 GHz. Consultez le guide de fonctionnement de votre point d'accès pour des informations détaillées concernant le réglage.



Réglage Internet

Effectuez la procédure ci-dessous pour faire des ajustements ou confirmer les réglages pour l'accès à Internet.

- 1 Appuyez sur **MENU** pour afficher l'écran MENU, et appuyez ensuite sur **ENTER**.
- 2 Appuyez sur **◀▶** pour sélectionner «Smart TV», et appuyez ensuite sur **ENTER**.
- 3 Appuyez sur **▲▼** pour sélectionner «Configuration Internet», et appuyez ensuite sur **ENTER**.
- 4 Appuyez sur **▲▼** pour sélectionner «Connection Type», «Wired Setup» ou «Wireless Setup», et appuyez ensuite sur **ENTER**.
 - Sélectionnez «Wired Setup» ou «Wireless Setup» lorsque vous faites des ajustements généraux pour vous connecter à Internet.
- 5 Appuyez sur **▲▼** pour sélectionner une rubrique spécifique, et appuyez ensuite sur **ENTER**.
- 6 Appuyez sur **▲▼** (ou **◀▶**) pour sélectionner le réglage désiré, et appuyez ensuite sur **ENTER**.
- 7 Appuyez sur **MENU** pour quitter.

Type de connexion

Sélectionnez le type de connexion.

À fil : Le signal est détecté et la configuration s'effectue automatiquement. Utilisez «Configuration IP» pour vérifier et modifier les réglages si nécessaire.

Sans fil : Configurez les réglages du point d'accès sur «Connexion sans fil».

Réglage Internet (Suite)

Connexion sans fil

Effectuez les ajustements et confirmez les réglages nécessaires pour la connexion LAN sans fil (p. ex. recherchez le point d'accès et son enregistrement).

Pression de bouton WPS : Permet au téléviseur d'établir automatiquement une connexion à l'aide d'un bouton sur le point d'accès.

Code NIP WPS : Configure la connexion en enregistrant un code PIN pour le point d'accès.

Sélection de réseau sans fil : Recherche et sélectionne le point d'accès à connecter.

Enregistrement de réseau sans fil : Vous permet de vous connecter en saisissant un nom de réseau sans fil pour le point d'accès.

Si votre point d'accès prend en charge le protocole Wi-Fi Protected Setup (méthode bouton WPS), nous vous recommandons d'utiliser cette fonction pour la connexion sans-fil. Vous pouvez appuyer sur le bouton WPS sur le point d'accès pour configurer automatiquement les réglages.

- Le nom de la fonction du bouton WPS peut varier en fonction du point d'accès. Consultez le guide de fonctionnement du point d'accès pour des informations détaillées.

- Confirmez les réglages actuels dans «Type de connexion».
 - Si «À fil» est sélectionné, appuyez sur **◀▶** pour sélectionner «Sans fil».
- Appuyez sur **▲▼** pour sélectionner «Connexion sans fil», et appuyez ensuite sur **ENTER**.
 - Confirmez les réglages. Si chaque élément de réglage est correct, appuyez sur **MENU** pour sortir.
 - Si vous configurez le réglage sans-fil pour la première fois ou modifiez les réglages, passez à l'étape 3.
- Appuyez sur **◀▶** pour sélectionner «Changer», et appuyez ensuite sur **ENTER**.
- Sélectionnez la méthode de connexion souhaitée et suivez les instructions apparaissant à l'écran.
- Lorsqu'une connexion est établie, les détails concernant celle-ci s'affichent. Appuyez sur **ENTER**.

REMARQUE

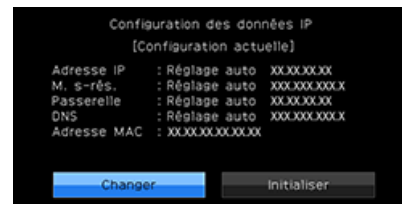
- Le fonctionnement ne peut pas être garanti en cas d'utilisation avec des points d'accès n'étant pas au bénéfice d'une certification Wi-Fi®.
- Un routeur LAN sans-fil/point d'accès est requis pour connecter le téléviseur à Internet en utilisant un réseau LAN sans-fil. Consultez le guide de fonctionnement de votre point d'accès pour le réglage.
- Si votre point d'accès est réglé en modefurtif (qui empêche la détection par d'autres dispositifs), vous ne serez pas en mesure d'établir une connexion. Dans ce cas, désactivez le modefurtif sur le point d'accès.
- Une vitesse de connexion stable est requise pour lire du contenu en continu. Utilisez une connexion Ethernet si la vitesse LAN sans-fil est instable.
- Avant tout transfert à une tierce personne ou élimination, assurez-vous d'initialiser les réglages LAN sans-fil.
- Veillez vous conformer à la législation en vigueur dans votre pays lors de l'utilisation du LAN sans-fil en extérieur.

Configuration IP

Vous pouvez effectuer les ajustements manuellement pour l'IP.

- Assurez-vous que des nombres s'affichent pour chaque réglage.
- Si un réglage n'est pas accompagné d'un nombre, précisez le nombre en suivant les instructions fournies sur l'écran.
- Entrez l'adresse IP à l'aide des boutons 0-9 de la télécommande.

Exemple



Réglage Internet (Suite)

Test de connexion

Une fois les procédures de connexion et de réglage terminées, vous pouvez vérifier que la préparation est correcte. Appuyez sur «oui» pour lancer le «Test de connexion».

- Lorsque les résultats sont affichés; suivez les instructions affichées à l'écran.



Saisie d'un texte (Clavier logiciel)

Lorsque vous tapez sur une page de saisie ou définissez des réglages du réseau nécessaires pour l'accès à Internet, vous devez utiliser le clavier logiciel.

REMARQUE

- Vous pouvez taper un texte comportant jusqu'à 128 caractères.
- Les signes diacritiques et les caractères spéciaux peuvent ne pas être utilisables en fonction de l'endroit où vous saisissez le texte.

Le texte que vous tapez s'affiche au fur et à mesure.

Pour déplacer le curseur (la position actuelle de saisie), utiliser « <- » ou « -> » sur le clavier logiciel.

Clear	http://	www.	.com	.org	.cn	Close						
English	1	2	3	4	5	6	7	8	9	0	Enter	
CapsLock	Q	W	E	R	T	Y	U	I	O	P	Space	
<-	->	A	S	D	F	G	H	J	K	L	/	Symbol
BackSpace	Z	X	C	V	B	N	M	.	1/1	Delete		

Tandis que vous tapez un texte, les possibilités de conversion s'affichent au fur et à mesure.

CapsLock

Si vous avez sélectionné «alphabet», cette touche fait passer des majuscules au minuscules.

Chaque fois que vous appuyez sur **ENTER**, le type de caractère change.

Symbol

Appuyez sur **ENTER** pour sélectionner le type de caractères à frapper : alphabet ou symboles.
(Les types sélectionnables dépendent de la source d'entrée.)

BackSpace/Effacer

Touche efface un caractère après l'autre.





Saisie d'un texte (Clavier logiciel) (Suite)

Effectué

Valide les informations saisies et ferme le clavier logiciel.

Espace

Frappe d'une espace

Supprimer

Efface la chaîne de caractères.

- Lorsque le caractère est quelque part sur la ligne : la chaîne de caractères à droite du curseur est effacée.
- Lorsque le curseur est à l'extrémité droite de la ligne : toute la ligne est effacée.


Close

Ferme le clavier logiciel sans valider les informations.

Touches de la télécommande	Description
	Déplace le point d'intérêt. Quand le point d'intérêt est sur un bord, il vient sur le bord opposé.
ENTER	Exécute le traitement pour la touche présentement dans le point d'intérêt.
EXIT	Ferme le clavier logiciel sans valider la saisie des éléments de texte tapé.
RETURN	
0-9	Saisie directe d'un chiffre octet correspondant à la touche.







Utilisation du navigateur

1 Appuyez sur **SMART**, appuyez sur  pour sélectionner l'icône du navigateur depuis la fenêtre de l'application puis appuyez sur **ENTER**.

- Appuyez à nouveau sur **SMART** pour revenir au canal actuellement syntonisé.

Touches pour l'utilisation du navigateur

ENTER, , , ,

- Appuyez sur , , ,  pour sélectionner un lien à atteindre, et appuyez ensuite sur **ENTER**.

EXIT

- Appuyez sur cette touche pour revenir à la page normale de télévision.

RETURN

- Appuyez sur cette touche pour revenir à la page précédente.

REMARQUE





- Les restrictions s'appliquent à l'affichage de la fenêtre.




Utilisation du navigateur (Suite)

Les pages protégées, «  » s'affichent.

Barre d'outils




Rubrique sélectionnée	Description
	Permet de retourner à la page précédente.
	Permet d'aller à la page suivante.
	Rafraîchit la page. Interrompt le chargement d'une page.
	Affiche la page d'accueil. Vous pouvez configurer la page affichée comme votre page d'accueil quand le navigateur démarre. (Voir page 8-7.)

Rubrique sélectionnée	Description
	Affiche la liste des pages favorites.
	Affiche votre historique de navigation.
	Configure les réglages du navigateur comme votre page d'accueil et la sécurité de navigation.


Utilisation de la barre d'outils

Vous pouvez utiliser la barre d'outils pour commander le navigateur et préciser certains réglages.

Appuyez sur  pour sélectionner une fonction, et appuyez ensuite sur **ENTER**.

Navigation parmi des contenus Internet

Vous pouvez afficher le contenu web dont vous souhaitez profiter.

- Appuyez sur  pour aller dans la zone d'adresse de la barre d'outils, et appuyez ensuite sur **ENTER**.
 - Le menu de Saisie d'adresse s'affiche.
- Saisissez une adresse, et appuyez ensuite sur **ENTER**.
 - Le contenu web que vous souhaitez consulter s'affiche.





Utilisation du navigateur (Suite)

ATTENTION

- Si l'alimentation est coupée (panne ou interruption) tandis que vous utilisez Internet, le favori ou le cookie ne sont pas nécessairement bien sauvegardés.

REMARQUE

Lorsqu'une fenêtre de notification de sûreté s'affiche :

- Appuyez sur **ENTER** pour fermer la fenêtre.
- Cette fenêtre apparaît quand vous visitez un site protégé, ou quand vous passez d'une page protégée à une page non protégée.
- Grâce à «Sécurité» vous pouvez indiquer si cette page doit être affichée ou non.

À l'attention d'un utilisateur qui accède à Internet à l'aide d'un PC

- Lorsque vous utilisez ce téléviseur la procédure d'accès peut être différente de celle employée avec le navigateur du PC.
- Sur certaines pages, il se peut que la vidéo et l'audio, le texte ou les images ne s'affichent pas correctement.

À propos des liens

- Une page Web d'Internet contient souvent des «liens» donnant accès à d'autres pages (ou sites) Internet.
- Un «lien» peut avoir diverses formes; ce peut être des mots ou des images mais il agit toujours de la même manière, c'est-à-dire vous permet d'accéder à une page ou un site quand vous le sélectionner.
- Les éléments choisis (tels que liens de champs de saisie de texte) sont inscrits dans un cadre.
- Vous pouvez passer d'un «lien» à la destination correspondant à ce lien.

AVIS DE NON-RESPONSABILITÉ

La société SHARP n'assume aucune responsabilité quant au contenu et à la qualité du contenu fourni par le fournisseur du serveur de contenu.



Utilisation du navigateur (Suite)

Réglages du navigateur

Vous pouvez vérifier et modifier les réglages du navigateur à partir du menu de navigateur.

- 1 Appuyez sur pour sélectionner « » sur la barre d'outils, et appuyez ensuite sur **ENTER**.
- 2 Appuyez sur pour sélectionner et valider le poste à régler.
- 3 Appuyez sur /// pour sélectionner pour préciser la valeur, et appuyez ensuite sur **ENTER**.

Page d'accueil : Vous pouvez configurer la page affichée comme votre page d'accueil quand le navigateur démarre.

Codage : Vous pouvez sélectionner le codage de la page, à savoir :

Occidental (ISO-8859-1)/Unicode (UTF-8)

Infos sur page : Affiche des informations sur la page affichée.

Sécurité :

Sites sûrs :

Une fois configuré sur «Désactivé», il est impossible d'accéder aux sites HTTPS.

Avertissements de sécurité :

Une fois configuré sur «Activé», des messages d'avertissement sont affichés lors du passage HTTP ↔ HTTPS.

Certificats : Affichez la liste des certificats. Vous pouvez choisir d'activer ou de désactiver un certificat.

- Les certificats désactivés sont affichés non cochés sur l'écran de la liste des certificats.

Cookies :

Tout accepter : Sélectionnez cette option si vous désirez accepter tous les cookies.

Tout rejeter : Sélectionnez cette option si vous ne désirez accepter aucun cookie.

Effacer tous les cookies : Efface tous les cookies.

Utilisation du clavier et de la souris

Vous pouvez utiliser un clavier ou une souris pour faire fonctionner le téléviseur lors de l'utilisation d'un navigateur.

- Lorsque vous utilisez des périphériques USB, connectez le périphérique à la prise USB du téléviseur.

REMARQUE

- Le clavier et la souris peuvent être utilisés uniquement sur un écran de navigateur.

Le clavier ou la souris peuvent ne pas fonctionner correctement en fonction de l'application utilisée.





Utilisation d'applications via Internet

En raccordant le téléviseur Internet, vous pouvez profiter de toute une gamme de contenu à large bande, y compris des vidéos, de la musique et des photos.

Veillez vérifier que le logiciel le plus récent est chargé sur le téléviseur en sélectionnant «Mise à jour du logiciel sur l'information»



[http : //www.sharpusa.com/products/support/](http://www.sharpusa.com/products/support/) pour vérifier si vous pouvez télécharger la version la plus récente du logiciel.

Utilisez la fenêtre des applications pour accéder à vos applications Internet favorites. Appuyez sur **SmartCentral** pour afficher la fenêtre des applications.

Suivez les instructions à l'écran pour chaque application.

- Lorsque vous utilisez ce téléviseur pour accéder à une application Internet pour la première fois, l'avis de non-responsabilité s'affiche à l'écran. Appuyez sur **▲▼** pour sélectionner «Agree», et appuyez ensuite sur **ENTER**. (Vous devez sélectionner «Agree» pour utiliser l'application.)
- Consultez le site Web du fournisseur pour plus de détails sur la configuration et l'utilisation des fonctions.

REMARQUE

- Si «» ou «» s'affiche après que vous vous êtes connecté à Internet, vérifiez les réglages du réseau et la connexion de votre téléviseur.
- Des applications supplémentaires seront disponibles à l'avenir.
- Ces applications sont fournies par des fournisseurs de contenu. Les applications disponibles varient en fonction de votre pays ou de votre région.
- La vitesse de fourniture des applications varie en fonction de la vitesse du réseau. Consultez le site Web du fournisseur pour plus de détails sur la configuration de l'application et pour d'autres informations.

En utilisant la fenêtre des applications

Pendant l'affichage du dock

Vous pouvez déplacer les icônes d'application.

Exemple



- 1 Sélectionnez une application, et appuyez ensuite sur **▲**.
- 2 Appuyez sur **◀▶** pour déplacer l'icône vers l'emplacement souhaité.

Déplacer les icônes

Vous pouvez déplacer les icônes des applications les plus couramment utilisées plus vers la gauche. Appuyez sur **◀▶** pour déplacer l'icône vers l'emplacement souhaité.

Enregistrement des applications favorites

Vous pouvez régler vos applications favorites sur les touches **FAV APP1**, **2**, et **3** de la télécommande pour faciliter le démarrage.

Les applications dont les icônes sont déplacées sur **①**, **②** et **③** pendant l'affichage du dock seront respectivement assignées aux touches **FAV APP 1**, **2** et **3**.



Utilisation d'applications via Internet (Suite)

Désactivation de la fonction Netflix

Vous pouvez désactiver la fonction Netflix. Consultez «Smart TV» > «Avancé» > «Aide Netflix» et sélectionnez «Désactiver».

- Pour confirmer l'état de Netflix, vérifiez les informations affichées à l'écran et cliquez sur «OK».

Désactiver la fonction VUDU

Pour désactiver la fonction VUDU; consultez «Smart TV» > «Avancé» > «Aide VUDU» et sélectionnez «oui». Lorsque vous accédez à l'application Internet pour la première fois, ce qui suit apparaît.

- Dans cette section, le texte original (anglais) est publié.

Remarques

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Exemples de logos d'application



Dépose du socle

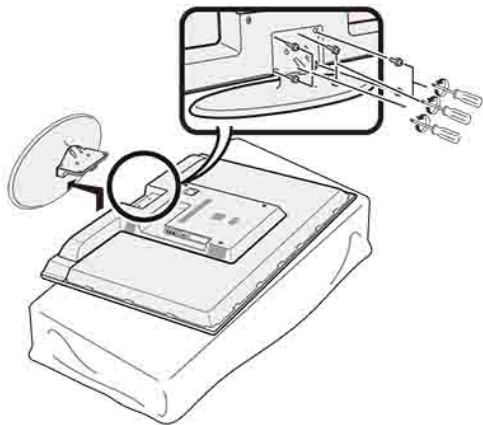
- Avant de poser (ou déposer) le socle, mettez le téléviseur hors tension et débranchez le cordon secteur.

ATTENTION

- **Ne retirez pas le socle du téléviseur, sauf si vous utilisez l'applique pour montage mural en option pour le monter.**

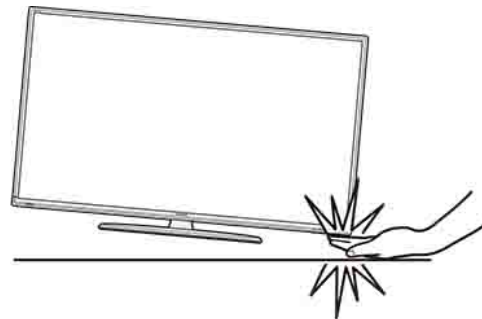
Desserrez les six vis utilisées pour maintenir le socle en place.

exemple



REMARQUE

- Veillez à toujours le transporter à deux personnes, en le tenant à deux mains.
- Lors de l'installation, faites attention de ne pas vous coincer les doigts entre le téléviseur et le sol.

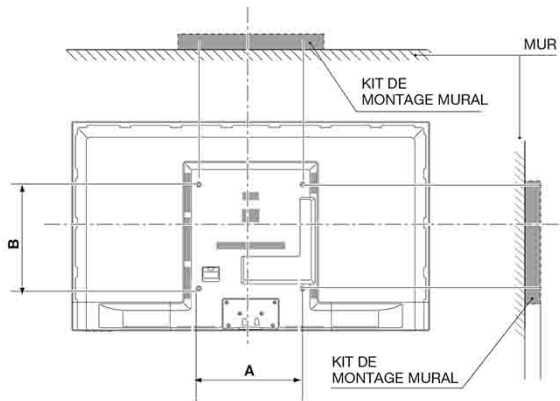


Montage du téléviseur sur un mur

Spécifications du kit de montage mural

Les dimensions standard des kits de montage mural figurent ci-dessous.

- L'illustration est basée sur le modèle LC-60LE644U à titre d'exemple.

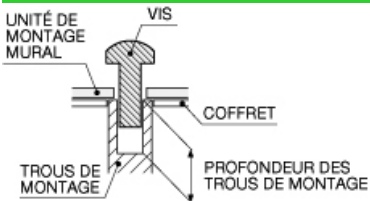


Le support de montage doit être suffisamment solide pour supporter le poids de l'écran. Les fixations du support mural doivent avoir un agrément UL ou équivalent.

Modèle	
Élément	LC-60LE644U
Empreinte du support mural (A x B)	400mm x 400mm

Élément	LC-60LE644U
Empreinte du support mural (A x B)	400mm x 400mm

Montage du téléviseur sur un mur (Suite)



Pour les vis, consultez le tableau ci-dessous.

Modèle	
Élément	LC-60LE644U
vis standard	M6 (Utilisez 1.0mm pas d'hélice)
la longueur(Depth of mounting holes)	15/32 (12mm)
Quantité	4 unités

REMARQUE

- Ne montez pas le téléviseur de manière angulaire.
- N'utilisez pas des vis non conformes aux spécifications en matière de vis de la norme VESA.
- N'utilisez pas de vis plus longues que la longueur standard. Les vis trop longues sont susceptibles d'endommager l'intérieur du téléviseur.
- Ne serrez les vis ni trop fort, ni insuffisamment. Ceci pourrait endommager le produit ou entraîner la chute de l'appareil, et causer des blessures personnelles. SHARP n'assume aucune responsabilité pour ce genre d'accidents.
- SHARP ne pourra être tenu pour responsable en cas d'endommagement du produit ou de blessures personnelles si une applique murale non VESA ou non spécifiée est utilisée ou si le consommateur ne suit pas les instructions d'installation.



N'installez pas le kit de montage mural si votre téléviseur est allumé. Il pourrait entraîner des blessures dues à une décharge électrique.

Guide de dépannage

Problème	Solution possible
<ul style="list-style-type: none"> Pas d'alimentation 	<ul style="list-style-type: none"> Vérifiez si vous avez appuyé sur POWER de la télécommande. Le cordon secteur est-il débranché? Le téléviseur est-il sous tension?
<ul style="list-style-type: none"> L'appareil ne fonctionne pas. 	<ul style="list-style-type: none"> Des influences externes comme des éclairs, de l'électricité statique, peuvent provoquer des erreurs de fonctionnement. Dans ce cas, faites fonctionner l'appareil après avoir mis tout d'abord le téléviseur hors tension, ou débranchez le cordon secteur et rebranchez-le une ou deux minutes plus tard.
<ul style="list-style-type: none"> La télécommande ne fonctionne pas. 	<ul style="list-style-type: none"> Est-ce que l'appareil est correctement actionné par la télécommande? Appuyez sur TV pour régler la télécommande de manière à actionner le téléviseur. Les piles sont-elles en place avec leurs polarités (e, f) alignées? Les piles sont-elles usées? (Remplacez par des piles neuves.) Utilisez-vous l'appareil sous un éclairage violent ou fluorescent? Un éclairage fluorescent est-il placé à proximité du capteur de télécommande?
<ul style="list-style-type: none"> L'image est coupée par un écran avec barres latérales. 	<ul style="list-style-type: none"> La position de l'image est-elle correcte? Les réglages du mode de l'écran, comme la taille de l'image, sont-ils corrects? Voir pages 3-14 à 3-16
<ul style="list-style-type: none"> Couleur étrange, couleur claire, ou mauvais alignement des couleurs. 	<ul style="list-style-type: none"> Régalez la tonalité de l'image. Voir pages 4-17 à 4-20 La pièce est-elle trop claire? L'image peut paraître sombre dans une pièce trop éclairée.
<ul style="list-style-type: none"> L'alimentation se coupe brusquement. 	<ul style="list-style-type: none"> La minuterie d'extinction a-t-elle été réglée? Voir page 3-9 Vérifiez les réglages de commande d'alimentation. La température interne de l'appareil a augmenté. Retirez les objets bloquant les événements ou nettoyez.

Problème	Solution possible
<ul style="list-style-type: none"> Pas d'image. 	<ul style="list-style-type: none"> Le raccordement aux autres appareils est-il correct? L'entrée correcte a-t-elle été sélectionnée? Voir page 2-1 «Marche» a-t-il été sélectionné pour «Audio seul»? Si l'image de l'ordinateur ne s'affiche pas, vérifiez les points suivants: <ul style="list-style-type: none"> Lorsque vous connectez un ordinateur portable au téléviseur, vérifiez que le mode de sortie de l'affichage de l'ordinateur est configuré sur moniteur externe. Vérifiez le réglage de la résolution sur l'ordinateur. Avez-vous entré un signal noncompatible? Voir page 8-9
<ul style="list-style-type: none"> La qualité d'image des programmes HD est médiocre. 	<ul style="list-style-type: none"> Pour profiter d'images HD à partir d'un appareil externe, vous devez configurer une connexion HDMI ou une connexion composante. Si le contenu du programme n'est pas en qualité HD, les images ne peuvent pas être affichées. Vérifiez que le programme que vous regardez propose des images HD. Il est peut-être nécessaire de configurer le boîtier décodeur de réception par câble/satellite HD pour reproduire des images HD via câble/satellite. Il est possible que la diffusion par câble/satellite ne prenne pas en charge une résolution de signal de 1080p.
<ul style="list-style-type: none"> Le téléviseur émet quelquefois un bruit de craquement. 	<ul style="list-style-type: none"> Il ne s'agit pas d'un dysfonctionnement, mais de l'expansion/contraction du coffret suite aux changements de température. Ceci n'a aucune incidence sur les performances du téléviseur.
<ul style="list-style-type: none"> Certaines fonctions Internet disponibles sur le PC ne le sont pas sur le téléviseur. 	<ul style="list-style-type: none"> Le téléviseur ne fournit qu'une partie des fonctions du navigateur d'un PC.

Guide de dépannage (Suite)

Problème	Solution possible
<ul style="list-style-type: none"> • Pas de son. 	<ul style="list-style-type: none"> • Le raccordement aux autres appareils est-il correct? • Le volume est-il trop bas? Voir page 3-2 • «Variable» a-t-il été sélectionné pour «Sélect. sortie»? • Avez-vous appuyé sur MUTE sur la télécommande? Voir page 3-3 • Vérifiez la sortie audio de l'appareil externe connecté. Le volume est-il trop faible ou coupé? • Lorsqu'un appareil externe est connecté via un câble HDMI, vous pouvez être amené à configurer l'audio pour réaliser la sortie sur le câble HDMI. • Lorsque la sortie audio ne provient pas de l'appareil connecté à la prise PC IN ou HDMI IN 2, vérifiez le réglage de «Sélection Audio». Voir pages 3-8, 4-21 • Même lorsqu'un appareil externe est connecté à l'aide d'un câble certifié HDMI, il est possible qu'une connexion par câble audio soit nécessaire en fonction du type d'appareil et du support en cours de lecture. Dans ce cas, outre la connexion d'un câble certifié HDMI sur la prise HDMI IN 2, connectez un câble avec mini-prise stéréo ø 3,5 mm sur la prise AUDIO IN et réglez «Sélection Audio» sur «HDMI + analogique». Voir pages 3-8, 4-21 • Si vous connectez un ordinateur via un câble certifié HDMI, vérifiez les points suivants : <ul style="list-style-type: none"> - Est-ce que la sortie audio de l'ordinateur est correctement configurée? Vérifiez les réglages de la sortie audio et le format de sortie audio des Propriétés sonores de l'ordinateur. Les formats audio compatibles avec ce téléviseur sont les formats PCM, Dolby Digital et DTS. Il est impossible de reproduire l'audio avec d'autres formats. - Selon la carte, il est possible que seuls des signaux vidéo puissent être envoyés sur la sortie. Dans ce cas, outre la connexion d'un câble certifié HDMI sur la prise HDMI IN 2, connectez un câble avec mini-prise stéréo ø 3,5 mm sur la prise AUDIO IN et réglez «Sélection Audio» sur «HDMI + analogique». Voir pages 3-8, 4-21

Guide de dépannage - Message d'erreur

Exemple d'un message d'erreur affiché à l'écran	Code d'erreur	Solution possible
<ul style="list-style-type: none">• Échec de réception de l'émission.	E202	<ul style="list-style-type: none">• Vérifiez le câble d'antenne. Vérifiez que l'antenne est correctement installée.
<ul style="list-style-type: none">• Pas d'émission pour l'instant.	E203	<ul style="list-style-type: none">• Vérifiez l'heure de diffusion dans le guide des programmes.
<ul style="list-style-type: none">• Un signal audio incompatible a été reçu. Vérifiez les réglages de l'appareil de sortie.	—	<ul style="list-style-type: none">• Ce message s'affiche lorsqu'un format audio différent de PCM, Dolby Digital ou DTS est entré.<ul style="list-style-type: none">- Réglez le format de sortie audio de l'appareil HDMI externe connecté sur PCM, Dolby Digital ou DTS.- Consultez le mode d'emploi de l'appareil externe pour les détails des réglages.

Informations sur la licence d'utilisation du logiciel pour ce produit

Licence de logiciel

Vous pouvez lire les licences d'utilisation du logiciel dans le menu d'affichage sur l'écran. Consultez «Renseignements» > «Licence de logiciel».

Composition du logiciel

Le logiciel accompagnant ce produit comprend différents composants logiciels dont chaque droit d'auteur est détenu par SHARP ou par des tiers.

Précautions lors de l'utilisation dans des environnements ayant une haute ou basse température

- Lorsque l'appareil est utilisé dans un endroit (une pièce ou un bureau, par exemple) ayant une basse température, l'image peut laisser des traces ou apparaître avec un léger délai. Ceci n'est pas un défaut de fonctionnement et l'appareil fonctionne de nouveau normalement lorsque la température redevient normale.
- Ne laissez pas l'appareil dans un endroit chaud ou froid. Ne le laissez pas non plus dans un endroit directement exposé au soleil ou à proximité d'un radiateur, ceci pouvant provoquer des déformations du coffret et des problèmes de fonctionnement du panneau avant.
Température de stockage : -4°F à +140°F (-20°C à +60°C)

EFFACER LE NUMÉRO SECRET

Si vous avez oublié votre numéro secret, effacez-le en procédant comme suit.

- 1 Sélectionnez une rubrique dans la liste ci-dessous pour afficher l'écran de saisie du numéro secret. (Pour utiliser le d'affichage sur l'écran, [voir page 4-3.](#))
 - «Système Couleur» (←«Réglages d'entrée» ← menu Configuration initiale)
 - «Configuration facile» ou «Réinitial.» (← menu Configuration initiale)
 - «Channel Setup» (← «Réglages des chaînes» ← menu Configuration initiale)
 - «Contrôle parental» (← menu Configuration initiale)
 - «Actualisation logiciel» (← menu Renseignements)
- 2 Maintenez enfoncées simultanément **CH** et **VOL+** sur le téléviseur jusqu'à ce que le message apparaisse à l'écran.

Fiche technique

Téléviseur

Rubrique		Modèle : LC-60LE644U	
Panneau ACL	Taille	60" Classe (60 3/32" Diagonal)	
	Résolution	2,073,600 pixels (1,920 x 1,080)	
Fonction Télévision	Standard TV (CCIR)	Standard de télévision américain Système ATSC/NTSC	
	Canal de réception	VHF/UHF	VHF 2-13 c, UHF 14-69 c
		CATV	1-135 c (canal non brouillé uniquement)
		Emission numérique terrestre (8VSB)	2-69 c
	Multiplex audio	Câble numérique*1 (64/256 QAM)	1-135 c (canal non brouillé uniquement)
Sortie audio		Système BTSC 8W x 2	
Prises	Côté surface du panneau arrière	L-AUDIO-R	L'entrée audio L / R
		ANT/CABLE	75 Ω non équilibré, Type F x 1 pour Analogue (VHF/UHF/CATV) et Numérique (ANT/CABLE)
		ETHERNET(10/100)	Connecteur réseau
		USB(DC5V 500mA)	Mode photo/musique/vidéo, Actualisation logiciel, Clavier/souris USB, Image papier peint
		DIGITAL AUDIO OUT	Sortie audio numérique optique x 1 (PCM/Dolby Digital/DTS)
	Côté de la surface du panneau vers le bas	HEADPHONE	Connecteur de CASQUE
		HDMI 3	Entrée HDMI avec HDCP
		HDMI 2	Entrée HDMI avec HDCP, entrée Audio (prise stéréo de ø 3,5 mm)
		HDMI 1(ARC)	Entrée HDMI avec HDCP, ARC
		PC IN ANALOG RGB	Entrée ANALOG RGB (PC) (connecteur femelle mini D-sub 15 broches), entrée Audio (prise stéréo de ø 3,5 mm)
PC IN AUDIO	entrée Audio (prise stéréo de ø 3,5 mm)		
COMPONENT/VIDEO IN	Entrée COMPONENT, Entrée AV		
Langue OSD		Anglais/Français/Espagnol	
Alimentation électrique		AC 120 V, 60 Hz	
Consommation En Mode		98 W	
Consommation d'énergie		150 W	
Poids	Téléviseur + socle	50.7 lbs./23.0 kg	
	Téléviseur seul	43.0 lbs./19.5 kg	
Dimensions (L x H x P)	Téléviseur + socle	54 15/64" x 34 17/64" x 13"	
	Téléviseur seul	54 15/64" x 31 3/4" x 3 31/32"	
Température de fonctionnement		+32°F à +104°F (0°C à +40°C)	

*1 Les messages d'alerte d'urgence via le câble ne peuvent pas être reçus.

- SHARP se réserve le droit de procéder à des modifications de la conception et des spécifications sans préavis, dans le cadre de sa politique d'amélioration continue. Les chiffres des performances indiqués dans les spécifications sont des valeurs nominales des unités de production. Les appareils peuvent présenter individuellement des déviations par rapport à ces valeurs.
- La Consommation En Mode est mesurée selon les exigences du programme Energy Star pour les télévisions.

LAN sans-fil

Spécifications	
Norme	IEEE 802.11b/g/n
Bande de fréquence	2412-2484 MHz
Sécurité	WEP statique (64/128 bits, index de clé 1 uniquement) WPA-PSK (TKIP) WPA2-PSK (AES)
Modulation	BPSK@6/9 Mbps QPSK@12/18Mbps 16-QAM@24Mbps 64-QAM@48/54Mbps et supérieur, réception jusqu'à 300Mbps

Marques

- SMART est une marque déposée de Sharp Corporation.

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- Netflix et le logo Netflix sont des marques déposées de Netflix, Inc.

- VUDU™ est une marque de commerce de VUDU, Inc.

ENERGY STAR® Information utilisateur

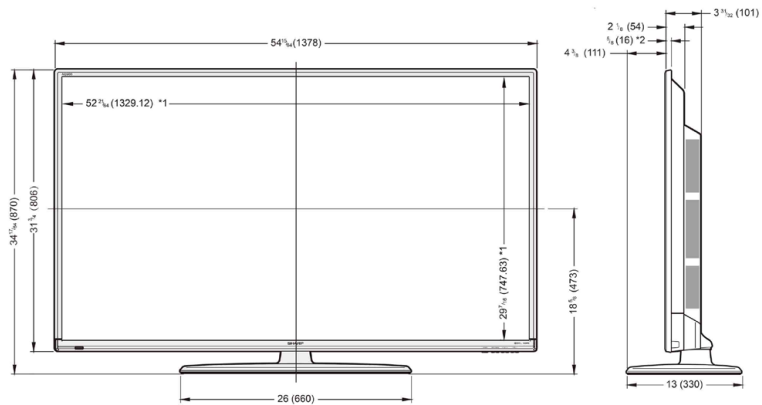
- Veuillez vous reporter à energystar.gov pour plus d'informations sur le programme ENERGY STAR.
- La sortie du mode domestique d'ENERGY STAR ou l'activation des fonctionnalités optionnelles augmente la consommation d'énergie.
- Ce produit est conforme à ENERGY STAR lorsque vous sélectionnez «Maison» pour «Emplacement TV». Régler «Emplacement TV» sur «Maison» permet de mettre le téléviseur dans un état d'économie d'énergie pour une utilisation domestique.



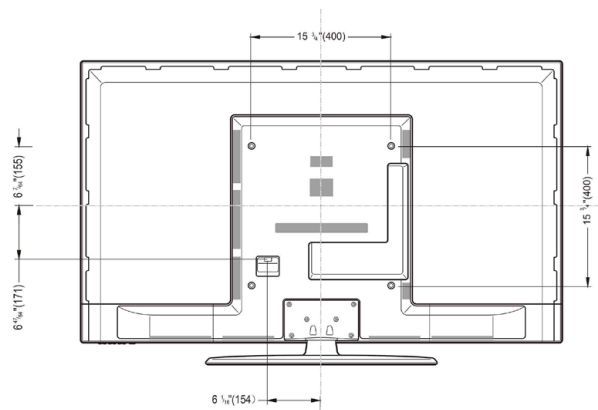
Les produits labellisés ENERGY STAR® sont conçus pour protéger l'environnement par un rendement énergétique supérieur.

Schémas dimensionnels

LC-60LE644U



Unit: inch (mm)
Unité: pouce (mm)
Unidad: pulgada (mm)



*1 Active area/Área activa/Zone active

*2 Thinnest part/Parte más delgada/Partie la plus mince

Licence de logiciel

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Some of the open source software licensors require the distributor to provide the source code with the executable software components. GPL and LGPL include similar requirements. For information on obtaining the source code for the open source software and for obtaining the GPL, LGPL, and other license agreement information, visit the following website:

<http://www.sharpusa.com/gpl> We are unable to answer any questions about the source code for the open source software. The source code for the software components whose copyrights are held by SHARP is not distributed.

Acknowledgements

The following open source software components are included in this product:

linux
kernel/busybox/glibc/zlib/libpng/libjpeg/libiconv/DirectFB/OpenSSL/XMLRPC-EPI/
mtd-utils/Expat/Qt/U-Boot/PlayReady/AGG(ver2.3)/device-mapper/libfreetype/cURL/
libxml2/lua/luas-xmlreader/luas-sncrypto/Ffmpeg/SQLite/libzip/c-ares/librt/libjanus/NTP/
webkit/cairo/fontconfig/icu/libxslt/gtk+/atk/pango/glib2/libpixmap/gstreamr/liboil/libcheck/
Droid Sans/ca-bundle.crt/btusb/bthid/pthread/cJSON

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Appuyez sur le bouton **EXIT** pour refermer le mode d'emploi. Par ailleurs, appuyez sur le bouton **RETURN** si vous souhaitez revenir à la page précédemment affichée.
- Elija su página favorita entre los contenidos.
Si desea cerrar el manual de instrucciones, pulse el botón **EXIT**. Además, si desea volver a la página mostrada anteriormente, pulse el botón **RETURN**.



1. Nombres de los componentes

- 1-1. Televisor
- 1-2. Control remoto

2. Para ver TV

- 2-1. Visualización de una imagen de equipo externo
- 2-2. Preparación inicial

3. Funcionamiento directo mediante botón

- 3-1. Cambio de los canales
- 3-2. Cambio del volumen
- 3-3. MUTE
- 3-4. FREEZE
- 3-5. FLASH BACK
- 3-6. SMART
- 3-7. NETFLIX
- 3-8. AUDIO
- 3-9. Temporizador de apagado
- 3-10. AV MODE
- 3-12. Subtítulos ocultos y subtítulos ocultos digitales
- 3-14. VIEW MODE

4. Menú en pantalla

- 4-1. Introducción
- 4-3. Funcionamiento del menú en pantalla
- 4-4. Botones de operación del menú
- 4-5. Initial Setup
- 4-14. Información
- 4-17. Ajustes de Imagen
- 4-21. Ajustes de audio
- 4-22. Smart TV
- 4-25. Opciones de Sistema

5. Disfrute con la reproducción de fotos/música/video

- 5-1. Preparación
- 5-2. Seleccionar las carpetas para reproducir
- 5-4. Reproducir archivos de un dispositivo de memoria USB/servidor de la red casera
- 5-9. Reproducción de archivos desde un dispositivo portátil o un PC

6. Usando Operación de link

- 6-1. Control de los equipos HDMI usando Operación de link
- 6-4. Menú Operación de link

7. Uso de un PC

- 7-1. Ajuste de la imagen de PC
- 7-2. Ajuste de la entrada de audio
- 7-3. Control del televisor
- 7-9. Tabla de compatibilidad con PC

8. Para utilizar Internet

- 8-1. Conexión a Internet
- 8-2. Configuración de Internet
- 8-5. Para introducir texto (Teclado virtual en pantalla)
- 8-7. Uso del navegador
- 8-11. Uso del teclado y el ratón
- 8-12. Utilizar aplicaciones a través de Internet
- 8-14. Notas

9. Apéndice

- 9-1. Extracción del soporte
- 9-2. Instalación del televisor en una pared
- 9-4. Solución de problemas
- 9-6. Solución de problemas relacionados con el mensaje de error
- 9-7. Información sobre la licencia de software para este producto

10. Especificaciones

- 10-1. Televisor
- 10-2. LAN inalámbrico

11-1. Marcas comerciales

12. Dibujos acotados

- Los "Dibujos acotados" del televisor LCD se muestran en la cubierta trasera interior.

13. Licencia de software

INFORMACIÓN IMPORTANTE

IMPORTANTE:

Para facilitar el reporte en caso de pérdida o robo, escriba por favor el modelo del TV y los números de serie en el espacio suministrado. Los números se encuentran en la parte posterior y el lado izquierdo del televisor.

Modelo N°:

Serie N°:

ADVERTENCIA: PARA REDUCIR EL RIESGO DE FUEGO O DESCARGA ELÉCTRICA, NO EXPONGA ESTE PRODUCTO A LA LLUVIA O HUMEDAD.



El símbolo del relámpago con la flecha, dentro de un triángulo equilátero, sirve para alertar al usuario de la presencia de "voltaje peligroso" en el interior del producto que puede ser de suficiente magnitud como para constituir riesgo de descarga eléctrica a las personas.



El signo de exclamación dentro de un triángulo sirve para alertar al usuario de la presencia de importantes instrucciones en la operación y mantenimiento (servicio) en la literatura que acompaña el producto.

PRECAUCIÓN: PARA REDUCIR EL RIESGO DE DESCARGA ELÉCTRICA, NO RETIRE LA CUBIERTA (O LA PARTE TRASERA). NO HAY PARTES INTERNAS PARA SERVICIO POR PARTE DEL USUARIO. DEJE EL SERVICIO A PERSONAL DE SERVICIO CUALIFICADO.

PRECAUCIÓN: PARA PREVENIR UNA DESCARGA ELÉCTRICA, HAGA COINCIDIR LA LÁMINA ANCHA DEL ENCHUFE CON LA RANURA ANCHA, E INSERTE COMPLETAMENTE.

ADVERTENCIA: Las regulaciones de la FCC señalan que cualquier cambio o modificación no autorizado en este equipo, los cuales no hayan sido expresamente aprobados por el fabricante, podría anular la autorización del usuario para utilizar este equipo.

PRECAUCIÓN:

Este producto satisface los reglamentos de la FCC cuando se utilizan conectores y cables blindados para conectar la unidad a otro equipo. Para impedir las interferencias electromagnéticas con aparatos eléctricos tales como radios y televisores, utilice conectores y cables blindados para hacer las conexiones.

DECLARACIÓN DE CONFORMIDAD:

TELEVISOR CON PANTALLA DE CRISTAL LÍQUIDO SHARP, MODELO LC-60LE644U

Este dispositivo cumple con el Apartado 15 de las Normas FCC. Su funcionamiento está sujeto a las dos condiciones siguientes: (1) Este dispositivo no deberá causar interferencias perjudiciales, y (2) deberá aceptar cualquier interferencia que reciba, incluyendo interferencias que puedan causar un funcionamiento no deseado.

PARTE RESPONSABLE:

SHARP ELECTRONICS CORPORATION
Sharp Plaza, Suite 1 Mahwah, NJ 07495-1123 U.S.A
TEL: 1-800-BE-SHARP

Para clientes de negocios: URL <http://www.sharpusa.com>

INFORMACIÓN:

Este equipo ha sido probado y ha demostrado cumplir con los límites establecidos para los aparatos digitales de la Clase B, de conformidad con el Apartado 15 de las Normas de la FCC. Estos límites han sido designados para proporcionar una protección razonable contra la interferencia perjudicial en una instalación residencial. Este equipo genera, utiliza y puede radiar energía radioeléctrica, y, si no se instala y utiliza de acuerdo con las instrucciones, puede causar una interferencia perjudicial en las comunicaciones por radio. Sin embargo, no hay ninguna garantía de que no se produzcan interferencias en una instalación particular. Si este equipo causa interferencias perjudiciales en las recepciones de radio o televisión, lo que puede determinarse fácilmente apagando y encendiendo el equipo, al usuario se le recomienda corregir la interferencia tomando una o más de las medidas siguientes:

- Cambie la orientación o el lugar de instalación de la antena receptora.
- Aumente la separación entre el equipo y el receptor.
- Conecte el equipo a una toma de corriente de un circuito diferente del aquel al que está conectado el receptor.
- Consulte al concesionario o técnico de radio/TV cualificado para solicitar su ayuda.

INFORMACIÓN IMPORTANTE

Declaración de conformidad con la FCC

Este dispositivo cumple con el Apartado 15 de las Normas FCC. Su funcionamiento está sujeto a las dos condiciones siguientes:

(1) Este dispositivo no deberá causar interferencias perjudiciales, y (2) deberá aceptar cualquier interferencia que reciba, incluyendo interferencias que puedan causar un funcionamiento no deseado.

Radio inalámbrica

En el producto disponible en el mercado de EE.UU./Canadá sólo se pueden utilizar los canales 1-11. No se pueden seleccionar otros canales.

Este dispositivo se va a utilizar en el rango de frecuencias de 2.4 GHz y su uso está restringido a entornos interiores.

Importante: Cualquier cambio o modificación no aprobado expresamente por la parte responsable de la conformidad podría anular la autorización del usuario para utilizar el equipo.

Declaración de exposición a las radiaciones de la FCC: Este equipo cumple con los límites de exposición a las radiaciones establecidos por la FCC para entornos no controlados. El equipo deberá instalarse y utilizarse con una distancia mínima de 20 cm entre el radiador y su cuerpo.

Declaración industrial de Canadá

CAN ICES-3 (B)/NMB-3(B)

Standard Television Receiving Apparatus — Appareil de réception télévision ordinaire, Canada BETS-7 / NTMR-7.

Radio inalámbrica

En el producto disponible en el mercado de EE.UU./Canadá sólo se pueden utilizar los canales 1-11. No se pueden seleccionar otros canales.

El dispositivo podría interrumpir automáticamente la transmisión en caso de ausencia de información que transmitir o de fallo de funcionamiento.

Tenga en cuenta que el objetivo de esto no es prohibir la transmisión de información de control o de señalización ni el uso de códigos repetitivos cuando lo requiera la tecnología.

Importante: Cualquier cambio o modificación no aprobado expresamente por la parte responsable de la conformidad podría anular la autorización del usuario para utilizar el equipo.

Declaración de exposición a las radiaciones de IC: Este dispositivo cumple con las normas IC RSS-210; el funcionamiento está sujeto a las siguientes dos condiciones:

(1) Este dispositivo no deberá causar interferencias perjudiciales y (2) deberá aceptar las interferencias que reciba, incluyendo interferencias que puedan causar un funcionamiento no deseado.

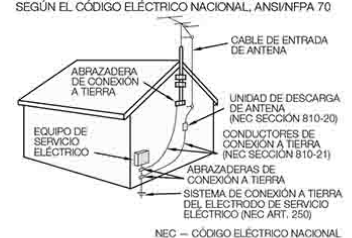
"Nota al instalador del sistema de CATV: El instalador del sistema debe recordar el Artículo 820 del Código Nacional Eléctrico que contiene las guías de los conocimientos básicos y, en particular, especifica que el cable a tierra debe ser conectado al sistema de toma de tierra del edificio, lo más cerca posible al punto de entrada del cable como sea práctico."

Este producto cumple los requisitos del programa ENERGY STAR cuando se selecciona "Casa" para "Fácil configuración". La configuración "Fácil configuración" en "Casa" permite que el televisor funcione en condiciones de ahorro energético para uso doméstico.

Fabricado bajo licencia de Dolby Laboratories. Dolby y el símbolo de la doble "D" son marcas comerciales de Dolby Laboratories.

- Puesta a tierra de la antena exterior — Si se conecta una antena exterior al televisor, asegúrese de que el sistema de antena esté conectado a tierra para obtener cierta protección ante los aumentos de voltaje y la acumulación de cargas estáticas. El artículo 810 del Código Eléctrico Nacional, ANSI/NFPA 70, proporciona información relacionada con la conexión a tierra correcta del poste y la estructura de apoyo, la conexión a tierra del cable de entrada a una unidad de descarga de antena, el tamaño de los conductores de conexión a tierra, la ubicación de la unidad de descarga de antena, la conexión a los electrodos de conexión a tierra y los requerimientos para el electrodo de conexión a tierra.

EJEMPLO DE CONEXIÓN A TIERRA DE LA ANTENA



ESTIMADO CLIENTE DE SHARP

Gracias por haber adquirido este televisor SHARP con pantalla de cristal líquido. Para garantizar su seguridad y muchos años de uso sin problemas de su producto, por favor lea cuidadosamente las instrucciones de seguridad importantes antes de usar este producto.

INSTRUCCIONES DE SEGURIDAD IMPORTANTES

La electricidad se usa para realizar muchas funciones útiles, pero también puede causar lesiones en personas y daños en la propiedad si se utiliza incorrectamente. Este producto ha sido diseñado y fabricado con la más alta prioridad en la seguridad. Sin embargo, su uso incorrecto puede provocar descargas eléctricas y/o incendios. Para evitar peligros potenciales, por favor tenga muy en cuenta las instrucciones siguientes al instalar, operar y limpiar el producto. Para garantizar su seguridad y prolongar la duración de su televisor con pantalla de cristal líquido, lea cuidadosamente las precauciones siguientes antes de utilizarlo.

- 1) Lea estas instrucciones.
- 2) Guarde estas instrucciones.
- 3) Preste atención a todas las advertencias.
- 4) Siga todas las instrucciones.
- 5) No utilice este aparato cerca del agua.
- 6) Límpielo solamente con un paño seco.
- 7) No tape las aberturas de ventilación. Instale el aparato de acuerdo con las instrucciones del fabricante.
- 8) No instale el aparato cerca de ninguna fuente de calor como, por ejemplo, radiadores, salidas de aire caliente, estufas u otros aparatos (incluyendo amplificadores) que produzcan calor.
- 9) No anule la seguridad de la clavija polarizada ni la de la clavija con conexión a tierra. Una clavija polarizada tiene dos patillas, una más ancha que la otra. Una clavija con conexión a tierra tiene dos patillas y una espiga de conexión a tierra. La patilla ancha y la espiga se proporcionan para su seguridad. Si la clavija proporcionada no entra en su toma de corriente, consulte a un electricista para reemplazar la toma de corriente obsoleta.
- 10) Proteja el cable de alimentación para que nadie lo pise ni quede aplastado, especialmente en las clavijas, tomas de corriente y puntos por donde sale del aparato.
- 11) Utilice solamente los accesorios suministrados por el fabricante.
- 12) Utilice el aparato solamente con el carrito, soporte, trípode o mesa especificado por el fabricante, o vendido con el propio aparato. Cuando utilice un carrito, tenga cuidado cuando mueva la combinación del carrito y el aparato para evitar que se caigan y se estropeen.
- 13) Desenchufe este aparato durante las tormentas eléctricas o cuando no lo utilice durante largos periodos de tiempo.
- 14) Solicite todos los trabajos de reparación al personal cualificado solamente. Las reparaciones serán necesarias cuando se haya dañado el aparato de cualquier forma: cuando se haya estropeado el cable o la clavija de alimentación, se hayan derramado líquidos o hayan caído objetos en el interior del aparato, cuando éste haya estado expuesto a la lluvia o a la humedad, cuando no funcione normalmente o cuando se haya caído.



Información de seguridad adicional

- 15) Fuentes de energía — Este producto deberá utilizarse solamente con el tipo de fuente de energía indicada en la etiqueta de especificaciones. Si no está seguro del tipo de suministro de energía de su casa, consulte a su distribuidor o a la compañía de electricidad de su localidad. Para los productos diseñados para funcionar con pilas u otra fuente de energía, consulte las instrucciones de operación.
- 16) Sobrecarga — No sobrecargue las tomas de corriente, los cables de prolongación o los receptáculos de conveniencia integrales porque se puede correr el riesgo de causar un incendio o recibir una descarga eléctrica.
- 17) Entradas de objetos y líquidos — No meta nunca objetos de ninguna clase en este producto a través de las aberturas porque pueden tocar puntos de alto voltaje peligrosos o cortocircuitar partes que podrían causar un incendio o una descarga eléctrica. No derrame nunca líquidos de ningún tipo sobre el producto.
- 18) Daños que necesitan ser reparados — Desenchufe este producto de la toma de corriente y solicite las reparaciones al personal de servicio cualificado cuando se den las condiciones siguientes:
 - a) Cuando el cable o la clavija de CA está dañado.
 - b) Si se ha derramado algún líquido o han caído objetos en el interior del producto.
 - c) Si el producto ha sido expuesto a la lluvia o al agua.

INSTRUCCIONES DE SEGURIDAD IMPORTANTES

- d) Si el producto no funciona normalmente siguiendo las instrucciones de operación. Ajuste solamente aquellos controles descritos en las instrucciones de operación, ya que un ajuste incorrecto de otros controles podrá causar daños que a menudo requieren un arduo trabajo de ajuste por parte de un técnico cualificado para que el producto pueda volver a funcionar normalmente.
 - e) Si el producto se ha caído o dañado de cualquier forma.
 - f) Cuando el producto muestra un cambio notable en su rendimiento, lo que indica que necesita ser reparado.
- 19) Piezas de repuesto — Cuando se necesiten piezas de repuesto, asegúrese de que el técnico de servicio utilice las piezas de repuesto especificadas por el fabricante u otras cuyas características sean similares a las de las piezas originales. El uso de piezas no autorizadas puede causar incendios, descargas eléctricas u otros peligros.
 - 20) Verificación de seguridad — Una vez completado cualquier trabajo de mantenimiento o reparación en este producto, pida al técnico de servicio que realice verificaciones de seguridad para determinar si el producto está en condiciones de funcionamiento apropiadas.
 - 21) Montaje en la pared o en el techo — Cuando monte el producto en la pared o en el techo, asegúrese de instalarlo de acuerdo con el método recomendado por el fabricante.

- No instale este equipo en un espacio cerrado o edificio-de tal como en una estantería o unidad similar, y sigan siendo una ventilación así condiciones en sitio abierto.
- **ADVERTENCIA:** Para reducir el riesgo de incendio o descarga eléctrica, no exponga este aparato a la lluvia ni a la humedad. El aparato no debe ser expuesto a goteos o salpicaduras. No se deben colocar sobre el aparato objetos llenos de líquido, como floreros.
- **ADVERTENCIA:** Las pilas(batería o pilas o batería) no se deben exponer a un calor excesivo como el del sol, fuego o similares.
- **ADVERTENCIA:** El enchufe toma de corriente se utiliza como dispositivo de desconexión, el dispositivo de desconexión debe estar siempre disponible.



Este equipo es de Clase II o producto eléctrico de doble aislamiento. Se ha diseñado de tal manera que no requiere una conexión de seguridad de tierra eléctrica.

- Agua y humedad — No utilice este producto cerca del agua como, - por ejemplo, una bañera, palangana, fregadero de cocina o lavadora; en un sótano húmedo; cerca de una piscina o un lugar similar.
- Soporte — No coloque el producto en un carrito, soporte, trípode o mesa inestable. La colocación del producto en una base inestable puede ser la causa de que el producto se caiga, lo que podrá causar lesiones graves a personas y también daños al producto. Utilice solamente un carrito, soporte, trípode, mensula o mesa recomendado por el fabricante o vendido junto con el producto. Cuando coloque el producto en una pared, asegúrese de seguir las instrucciones del fabricante. Utilice solamente el hardware de montaje recomendado por el fabricante.
- Selección de la ubicación — Seleccione un lugar donde no dé directamente la luz del sol y haya buena ventilación.
- Ventilación — Los orificios de ventilación y otras aberturas de la caja han sido diseñados para ventilar el producto. No cubra ni bloquee estos orificios de ventilación y aberturas porque la falta de ventilación puede causar recalentamiento y/o reducir la duración del producto. No coloque el producto en una cama, sofá, alfombra u otra superficie similar porque las aberturas de ventilación podrán quedar bloqueadas. Este producto no ha sido diseñado para ser empotrado; no lo coloque en un lugar cerrado como, por ejemplo, un mueble librería o estantería a menos que disponga de la ventilación apropiada o se sigan las instrucciones del fabricante.
- El panel frontal utilizado en este producto está hecho de cristal. Por lo tanto, podrá romperse si el producto se cae o recibe un impacto fuerte. En el caso de que se rompa la pantalla de cristal líquido, tenga cuidado para que no le hieran las piezas de cristal roto.
- Color — El producto deberá colocarse alejado de las fuentes de calor como, por ejemplo, radiadores, salidas de aire caliente, estufas u otros productos (incluyendo amplificadores) que produzcan calor. La pantalla de cristal líquido es un producto de alta tecnología que tiene 2.073.800 píxeles, lo que le proporciona una imagen fina muy detallada. De vez en cuando puede que aparezcan algunos píxeles no activos en la pantalla a modo de puntos fijos de color azul, verde o rojo. Tenga en cuenta que esto no afecta para nada al funcionamiento de su producto.
- Tormentas eléctricas — Para una mayor protección del televisor durante una tormenta de rayos, y

INSTRUCCIONES DE SEGURIDAD IMPORTANTES

cuando se deja descuidado y sin usar durante largos periodos de tiempo, desenchúfelo de la toma de corriente de la pared y desconecte la antena. Esto evitará daños al televisor debidos a rayos y subidas de tensión.

- Cables de electricidad — No deberá ubicarse un sistema de antena exterior cercano a cables de electricidad que pasen por encima del mismo u otras luces eléctricas o circuitos de alimentación, o donde puede caer sobre tales cables de electricidad o circuitos. Cuando instale un sistema de antena exterior, deberá tomar un cuidado extremo para evitar tocar tales cables de electricidad o circuitos, pues el contacto con ellos podría resultar fatal.
- Para impedir un incendio, no ponga nunca ningún tipo de vela o llama al descubierto encima o cerca del televisor.
- Para impedir un incendio o una descarga eléctrica, no ponga el cable de CA debajo del televisor u otros objetos pesados.
- No muestre una imagen fija durante mucho tiempo porque esto podrá ser la causa de que quede una imagen residual en la pantalla.
- Para impedir un incendio o una descarga eléctrica, no exponga este aparato al goteo ni a las salpicaduras. Tampoco deberán ponerse encima del producto objetos llenos de líquidos como, por ejemplo, floreros.
- No introduzca ningún tipo de objeto en el producto. Introducir objetos por las aberturas de ventilación o por otras aberturas puede ser causa de incendio o de descarga eléctrica. Tome especiales precauciones al utilizar el producto con niños en las proximidades.

Precauciones al transportar el televisor

- Cuando transporte el televisor nunca lo lleve colgando ni ejerciendo presión sobre el visualizador. El televisor deberá ser transportado siempre por dos personas que lo tomarán con ambas manos.



Cuidado del gabinete

- Use un paño suave (algodón, franela, etc.) y limpie la superficie del gabinete.
- El uso de un paño químico (paño de tipo de hoja mojado/seco, etc.) puede deformar los componentes del gabinete o causar rajaduras.
- La limpieza con un paño duro o el uso enérgico de fuerza pueden rayar la superficie del gabinete.
- Si el gabinete está muy sucio, límpielo con un paño suave (algodón, franela, etc.) empapado en un detergente neutro diluido con agua y escurrido completamente y, luego, repase con un paño suave seco.
- Evite usar benceno, disolvente y otros solventes, ya que estos podrían deformar el gabinete y causar que la pintura se descascare.
- No aplique insecticidas u otros líquidos volátiles. Así mismo, no permita que el gabinete permanezca en contacto con productos de goma o vinilo durante un largo periodo de tiempo. Los plastificantes dentro del plástico pueden causar que el gabinete se deforme y hacer que la pintura se descascare.

Cuidado del panel frontal

- Apague la alimentación principal y desconecte el cable de CA de la toma de corriente antes de manipulara.
- Limpie la superficie del panel frontal delicadamente con un paño suave (algodón, franela, etc.).
Para proteger la superficie del panel frontal, no use un paño sucio, limpiadores líquidos o un paño químico (paño de tipo de hoja mojada/seca, etc.). Esto puede dañar la superficie del panel frontal.
- La limpieza con un paño duro o el uso enérgico de fuerza puede rayar la superficie del panel frontal.
- Use un paño húmedo suave para limpiar delicadamente el panel frontal cuando esté realmente sucio. (Se podría rayar la superficie del panel frontal si se limpia vigorosamente).
- Si el panel frontal está empolvado, use un cepillo anti-estática, el cual está disponible comercialmente, para limpiarlo.



SEGURIDAD DE LOS NIÑOS:

ASUNTOS RELACIONADOS CON LA CORRECTA COLOCACIÓN DEL TELEVISOR



A LA INDUSTRIA DE LOS ARTÍCULOS ELECTRÓNICOS DE CONSUMO LE IMPORTA

- Los fabricantes, los minoristas y el resto de la industria de los artículos electrónicos de consumo han asumido el compromiso de lograr que el entretenimiento en el hogar sea seguro y se pueda disfrutar.
- Cuando disfrute de su televisor, tenga en cuenta que todos los televisores —ya sean nuevos o viejos— deben estar colocados sobre un soporte adecuado o instalados según las recomendaciones del fabricante. Los televisores que se colocan en forma inadecuada sobre tocadores, bibliotecas, estantes, escritorios, parlantes, cajoneras, carros, etc. pueden caer y provocar lesiones.

SINTONICE LA SEGURIDAD

- **SIEMPRE** siga las recomendaciones del fabricante para instalar el televisor de manera segura.
- **SIEMPRE** lea y siga todas las instrucciones para el uso adecuado del televisor.
- **NUNCA** permita que los niños trepen o jueguen sobre el televisor o sobre el mueble en el que se encuentra ubicado el televisor.
- **NUNCA** coloque el televisor sobre un mueble que se pueda usar fácilmente como escalera; por ejemplo, una cajonera.
- **SIEMPRE** instale el televisor donde no se pueda empujar, ni sea posible tirar de él o voltearlo.
- **SIEMPRE** acomode los cables conectados al televisor de manera tal que nadie pueda tropezar con ellos ni tirar de ellos.

INSTALACIÓN DEL TELEVISOR EN LA PARED O EN EL CIELO RASO

- **SIEMPRE** comuníquese con su vendedor para consultarle acerca de un instalador profesional si tiene dudas con respecto a su capacidad de instalar el televisor de manera segura.
- **SIEMPRE** utilice un soporte recomendado por el fabricante de televisores que tenga una certificación de seguridad de un laboratorio independiente (como UL, CSA, ETL).
- **SIEMPRE** siga todas las instrucciones proporcionadas por los fabricantes del televisor y del soporte.
- **SIEMPRE** asegúrese de que la pared o el cielo raso sobre el que instala el televisor sea adecuado. Ciertos soportes no están diseñados para ser instalados en paredes o cielos rasos con travesaños de acero o construcciones con bloques de cemento prefabricados. Si no está seguro al respecto, comuníquese con un instalador profesional.
- Los televisores pueden ser pesados. Se requieren como mínimo dos personas para instalar un televisor en la pared o el cielo raso.

CÓMO REUBICAR UN TELEVISOR VIEJO EN EL HOGAR

- Muchas personas llevan sus viejos televisores CRT a una habitación secundaria de la casa cuando compran un televisor de pantalla plana. Se debe prestar especial atención a la ubicación de los viejos televisores CRT.
- **SIEMPRE** coloque su viejo televisor CRT sobre un mueble resistente que resulte adecuado para su tamaño y su peso.
- **NUNCA** coloque su viejo televisor CRT sobre un tocador en el que los niños puedan usar los cajones para trepar.
- **SIEMPRE** asegúrese de que su viejo televisor CRT no sobresalga por los bordes del mueble.

CE.org/safety



INSTRUCCIONES DE SEGURIDAD IMPORTANTES

LAN inalámbrico

Este televisor ha recibido las siguientes certificaciones.

- Wi-Fi CERTIFIED™ (programa de certificación de la Wi-Fi Alliance®)

FCC

Este dispositivo cumple con el Apartado 15 de las Normas FCC. Su funcionamiento está sujeto a las dos condiciones siguientes:

(1) Este dispositivo no deberá causar interferencias perjudiciales, y (2) deberá aceptar cualquier interferencia que reciba, incluyendo interferencias que puedan causar un funcionamiento no deseado. Cualquier cambio o modificación no aprobado expresamente por la parte responsable de la conformidad podría anular la autorización del usuario para utilizar el equipo. Para cumplir con los requisitos de exposición a radiofrecuencias de la FCC, este dispositivo y su antena no deben colocarse ni funcionar en conjunción con ninguna otra antena o transmisor.

El dispositivo para la banda de 2412-2484 MHz es sólo para uso en interiores para reducir la posibilidad de

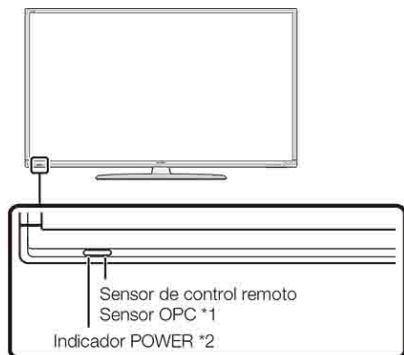
interferencias co canal dañinas en los sistemas móviles por satélite;

La máxima ganancia de antena permitida (para dispositivos en las bandas 2412-2484 MHz) deberá cumplir con el límite e.i.r.p.; y los radares de alta potencia se asignan como usuarios primarios (lo que quiere decir que tienen prioridad) de las bandas 2412-2484 MHz y estos radares podrían causar interferencias y/o dañar los dispositivos LELAN.

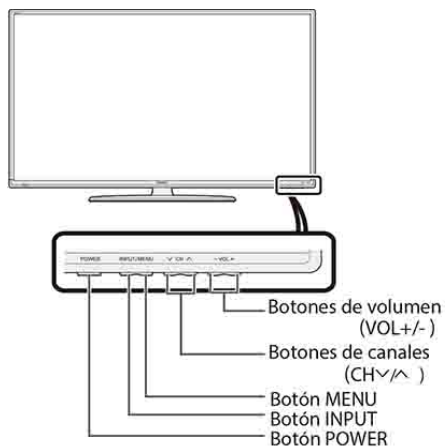
Nombres de los componentes

Televisor

(delantera)

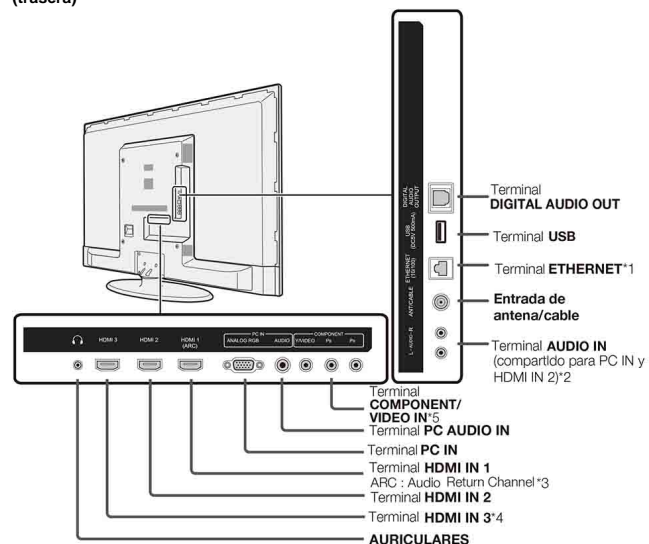


(delantera)



* Consulte las páginas 2-1 y 4-4 para aprender las funciones de los botones.

(trasera)



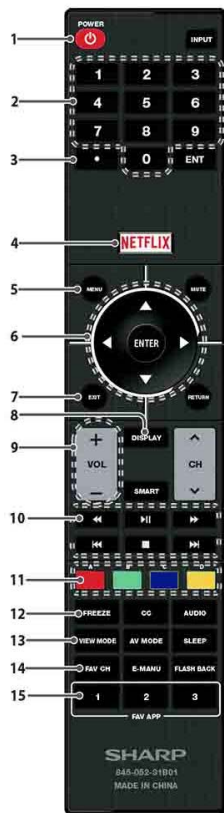
*1 Consulte la Guía de Instalación.

*5 Consulte la página 4-12 para conocer detalles sobre la función Selección de entrada.

- Las ilustraciones y visualizaciones en pantalla de este manual de operación se ofrecen con fines explicativos, y pueden ser un poco diferentes de las que aparecen al hacer operaciones reales.
- Los ejemplos utilizados en todo este manual se basan en el modelo LC-60LE644U.

Números de los componentes

Control remoto



1 **POWER:** Conecta o pone en espera la alimentación del televisor.

2 **0-9:** Establece el canal.

([Consulte la página 3-1.](#))

3 • **(PUNTO):** Establece el canal.

([Consulte la página 3-1.](#))

4 **NETFLIX:** Visualiza la pantalla de Netflix.

Si pulsa el botón NETFLIX cuando el televisor está apagado, el televisor se enciende y se muestra la pantalla NETFLIX.

([Consulte la página 3-7.](#))

5 **MENU:** Visualiza la pantalla de menú.

([Consulte la página 4-1.](#))

6 **▲/▼/◀/▶, ENTER:** Selecciona un elemento deseado en la pantalla.

7 **EXIT:** Para salir de la pantalla de menú.

8 **DISPLAY:** Visualiza la información de los canales.

9 **VOL+/-:** Ajusta el volumen.

([Consulte la página 3-2.](#))

10 **Botones de operación de un equipo externo:** Controlan el equipo externo.

11 **A, B, C, D:** Selecciona 4 canales favoritos preajustados en 4 categorías diferentes.

Mientras ve un canal podrá cambiar canales pulsando **A, B, C y D.**

12 **FREEZE:** Establece el modo de imagen fija. Púlselo de nuevo para volver a la pantalla normal.

([Consulte la página 3-4.](#))

13 **VIEW MODE:** Selecciona el tamaño de la pantalla.

([Consulte la páginas 3-14 a 3-16.](#))

14 **FAV CH:** Ajusta los canales favoritos.

15 **FAV APP 1, 2, 3:** Usted puede asignar sus aplicaciones favoritas a estos botones.

NOTA

- Al utilizar el control remoto, apúntelo al televisor.

Números de los componentes

Control remoto (Continúa)



16 INPUT: Selecciona una fuente de entrada de televisor.

[\(Consulte la página 2-1.\)](#)

17 ENT: Salta a un canal después de seleccionarlo con los botones **0-9**.

18 MUTE: Silencia el sonido.

[\(Consulte la página 3-3.\)](#)

19 RETURN: Retorna a la pantalla de menú anterior.

20 CH/VV: Selecciona el canal.

[\(Consulte la página 3-1.\)](#)

21 SMART: Visualiza la ventana de aplicaciones.

[\(Consulte la página 3-6.\)](#)

22 CC: Visualización de subtítulos durante la recepción de fuentes con subtítulos ocultos.

[\(Consulte la páginas 3-12 a 3-13.\)](#)

23 AUDIO: Selecciona MTS/SAP o el modo de audio durante las emisiones de audio múltiple.

[\(Consulte la página 3-8.\)](#)

24 AV MODE: Selecciona un ajuste de audio o vídeo.

[\(Consulte la página 3-10.\)](#)

25 SLEEP: Ajusta el temporizador de apagado.

[\(Consulte la página 3-9.\)](#)

26 E-MANU: Visualice el manual de instrucciones.

27 FLASH BACK: Para volver al canal anterior o al modo de entrada externa.

[\(Consulte la página 3-5.\)](#)

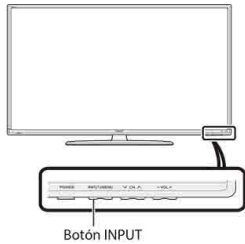
NOTA

- Al utilizar el control remoto, apúntelo al televisor.

Para ver TV

Visualización de una imagen de equipo externo

Para ver imágenes de fuentes externas, seleccione la fuente de entrada pulsando **INPUT** en el control remoto o en el televisor.



Ejemplo



- 1 Pulse **INPUT**.
 - Se visualiza la pantalla de Lista de entradas.
- 2 Pulse **▲▼** para seleccionar la fuente de entrada.
 - Se visualiza automáticamente una imagen de la fuente seleccionada.
 - Si la fuente de entrada correspondiente no está conectada, no podrá cambiar la entrada. Asegúrese de conectar de antemano el equipo.

- También puede seleccionar la fuente de entrada pulsando **INPUT**.
- Cada vez que pulse **INPUT**, la fuente de entrada cambiará.



Preparación inicial

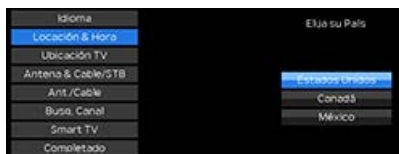
Cuando encienda el televisor por primera vez, éste memorizará automáticamente los canales de emisión de la zona donde usted vive. Ejecute los pasos siguientes antes de pulsar **POWER** en el control remoto.

1. Inserte las pilas en el control remoto.
2. Conecte el cable de la antena al televisor.
3. Enchufe el cable de CA en la toma de CA.

Idioma (Ajuste de idioma)

Seleccione entre 3 idiomas: Inglés, Francés y Español.

- 1 Pulse **▲▼** para seleccionar el idioma deseado listado en la pantalla, y luego pulse **ENTER**.



Locación & Hora

Realice los ajustes de acuerdo con el país, área y zona horaria en la que utiliza el televisor.

- 2 Pulse **▲▼** para seleccionar "Estados Unidos", "Canadá" o "México", y luego pulse **ENTER**.



- 3 Pulse **▲▼** para seleccionar la zona horaria en la que utiliza el televisor, y luego pulse **ENTER**.

Ejemplo



- La zona horaria es distinta en función del país seleccionado.
- Los valores predeterminados en fábrica son para la zona horaria de la capital del país seleccionado.



Preparación inicial (Continúa)

4 Pulse **▲▼** para seleccionar Horario de Verano, y luego pulse **ENTER**.

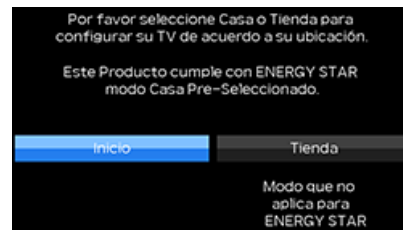


- "Automático" es la selección por defecto.

Ubicación TV

Seleccione "Casa" o "Tienda" según el lugar en el que va a instalar el televisor. Este producto cumple con ENERGY STAR en modo predeterminado de ajuste para Casa.

5 Pulse **◀▶** para seleccionar "Casa" o "Tienda".
Pulse **ENTER** para introducir el ajuste.



Casa: MODO AV se establece en "ESTÁNDAR (ENERGY STAR)".

Tienda: MODO AV se establece en "DINÁMICO(Fijo)". Se puede establecer Reiniciar Imagen y Demo.

Reiniciar imagen: MODO AV se ajustará en "DINÁMICO(Fijo)" independientemente de si el Reiniciar imagen está "Encendido" o "Apagado".

- Si selecciona "Encendido" y el dispositivo está inactivo durante 30 minutos:
 - MODO AV se reajustará en "DINÁMICO(Fijo)".
- Cuando se selecciona "Apagado":
 - MODO AV se ajustará en "DINÁMICO(Fijo)".

Demo: Cuando se selecciona "Encendido", una vez completados todos los ajustes, la pantalla de Demo de función se visualiza si no se realiza ninguna operación durante varios minutos.

NOTA

- La calificación ENERGY STAR está basada en el MODO AV "ESTÁNDAR (ENERGY STAR)".



Preparación inicial (Continúa)

Antena & Cable/STB

Seleccione el tipo de conexión que utilizará para ver la televisión.

6 Pulse para seleccionar "Antena & Cable" o "Set-Top Box", y luego pulse ENTER.

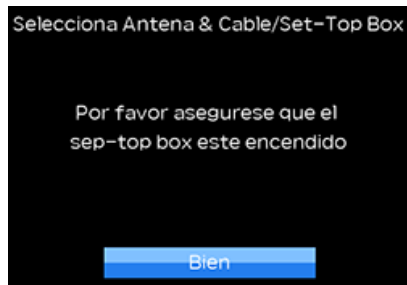


Para ver la televisión a través de una antena o una conexión por cable (sin utilizar un descodificador):
Seleccione "Antena & Cable" y después vaya al paso 7.

Para ver la televisión a través de un descodificador:

① Seleccione "Set-Top Box", y luego pulse ENTER.

② Compruebe que el decodificador de cable/satélite conectado al televisor esté encendido.



③ Para ver la televisión, seleccione la fuente de entrada correspondiente al terminal conectado al descodificador. Al hacerlo, debe configurarla para que salte "TV". Pulse para seleccionar "Encendido", y luego pulse ENTER.

• Cuando se ajusta en "Encendido", no es posible cambiar el canal del televisor utilizando el control remoto o el menú. (ej. CH , Canal favorito, etc.)

④ Pulse INPUT para seleccionar la fuente de entrada correspondiente al terminal conectado al descodificador. Realice los ajustes necesarios en el equipo externo conectado.

• Consulte el manual de operación del equipo conectado para conocer la configuración del equipo.

Ant./Cable (Ajuste de antena)

Asegúrese de la clase de conexión que se hace con su televisor cuando se selecciona "Antena" o "Cable".

7 Pulse para seleccionar "Antena" o "Cable".

Pulse ENTER para introducir el ajuste.





Preparación inicial (Continúa)

Busq. Canal (Búsqueda de canales)

La búsqueda automática de canales hace que el televisor busque todos los canales que puedan verse en la zona establecida.

8 Cuando "Antena" está seleccionado en el ajuste Antena:

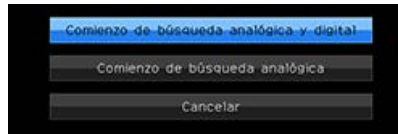
Antena:

Pulse para seleccionar "Inicio", y luego pulse ENTER.



Cuando "Cable" está seleccionado en el ajuste Antena:

1 Pulse para seleccionar "Comienzo de búsqueda analógica y digital" para buscar emisiones analógicas y digitales, o para seleccionar "Comienzo de búsqueda analógica" para buscar solamente emisiones analógicas, y luego pulse ENTER.



- La búsqueda de canal comenzará automáticamente.
- Para salir de la pantalla de búsqueda de canal, seleccione "Cancelar", y luego pulse ENTER.

2 Los resultados de la búsqueda de canales pueden incluir canales codificados o canales que no es posible ver en el área establecida. Pulse para seleccionar "Sí", y luego pulse ENTER para eliminar los canales codificados.

Smart TV

Cuando se conecte a Internet en el televisor, seleccione el método de conexión deseado y siga las instrucciones que aparecen en la pantalla.

- La conexión LAN inalámbrica solo es posible cuando se utiliza el método WPS (pulsador). Si se utiliza cualquier otro método, haga los ajustes en Smart TV > Configuración de Internet > Ajuste de Red.

9 Pulse para seleccionar "Sí", y luego pulse ENTER.



10 Pulse para seleccionar "Alámbrico" o "Inalámbrico", y luego pulse ENTER.





Preparación inicial (Continúa)

Conexión utilizando un cable ETHERNET:

- 1 Seleccione "Alámbrico" y pulse **ENTER**.
- 2 Confirme que el televisor está conectado correctamente al router y a continuación pulse "Siguiente". Siga las instrucciones en pantalla para realizar la prueba de conexión.

Conexión LAN inalámbrica mediante el método WPS:

- 1 Seleccione "Inalámbrico" y pulse **ENTER**.
- 2 Siga las instrucciones en pantalla y finalice la conexión después de probar su viabilidad.

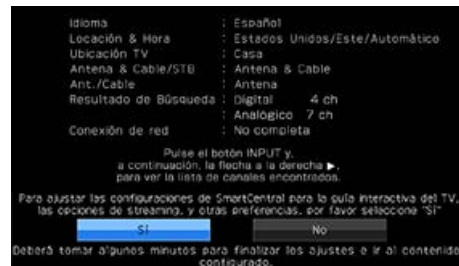
NOTA

- Cuando haya terminado de realizar la configuración de red, configure los parámetros "Selec. nom. de disp." ([Consulte la página 8-3.](#))
- Cuando cambie los ajustes de red, vaya a Smart TV > Configuración de Internet > Ajuste de Red.

Completado

- 11 Se visualiza la pantalla de confirmación de los ajustes. Confirme la información que se muestra en la pantalla y después pulse **ENTER**.

Ejemplos de la pantalla de confirmación de ajustes
Cuando se reciben uno o más canales después de seleccionar "Antena & Cable" en el paso 6 y realizar una búsqueda.



Quando no se recibe ningún canal después de seleccionar "Antena & Cable" en el paso 6 y realizar una búsqueda.



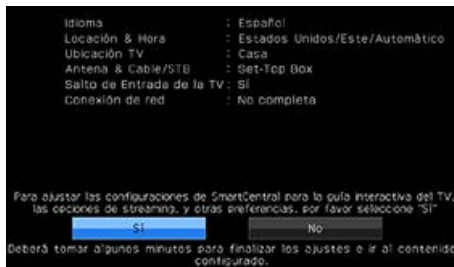


Preparación inicial (Continúa)

NOTA

- Si no se encuentra ningún canal, asegúrese de la clase de conexión que se ha hecho con su televisor e intente de nuevo "Configuración". ([Consulte la página 4-13.](#))
- Para ver la lista de canales encontrados durante la búsqueda de canales, pulse **INPUT** y a continuación pulse ►.

Cuando se seleccionó "Set-Top Box" en el paso 6.



- Haga clic en "Bien" para mostrar la pantalla de confirmación del cambio de fuente de entrada.

Mostrar lista de entr: Puede comprobar el estado de conexión actual del equipo externo. Confirme qué terminal de entrada está conectado al descodificador.

Bien: Al hacer clic en "Bien" se completará el proceso de Autoinstalación.

- Es posible que no se muestre correctamente en función del equipo conectado.
- No se muestra correctamente cuando el equipo conectado está apagado.
- Para ver la televisión utilizando un descodificador, pulse **INPUT** después de finalizar los ajustes iniciales y seleccione la entrada a la que está conectado el descodificador.

NOTA

- Para cambiar los ajustes de la preparación inicial, intente "Configuración" en el menú Configuración Inicial en la ([Consulte la página 4-13.](#))

Cambio de los canales

Puede cambiar canales de varias formas.

Método 1

Utilizando **CH** en el control remoto o en el televisor.

Método 2

Utilizando los botones del control remoto **0-9**, • (PUNTO).

Ejemplos:

Para seleccionar un número de canal de 1 ó 2 dígitos
(ej.: el canal 5):

Pulse **5** → **ENTER**

Para seleccionar un número de canal de 3 dígitos (ej.: el canal 115):

Pulse **1** → **1** → **5** → **ENTER**

Para seleccionar un número de canal de 4 dígitos (ej.: el canal 22.1):

Pulse **2** → **2** → • (PUNTO) → **1** → **ENTER**

Método 3

Selección del programa de Lista de canales.

1 Pulse **INPUT** en el control remoto.

- Aparecerá la lista de entradas.

2 Pulse **◀▶** para seleccionar "Antena" o "Cable".

- Aparecerá la lista de canales.

3 Pulse **▲▼** para seleccionar el canal deseado, y luego pulse **ENTER**.

NOTA

- Cuando seleccione un número de canal de 1 dígito, no será necesario pulsar **0** antes del número.
- Cuando introduzca **0-9** solamente, la selección de canales se hará si no se hace ninguna operación dentro de unos pocos segundos.
- Si sólo pulsa "0" no pasará nada.
- Complete los pasos de arriba dentro de unos pocos segundos.
- Cuando introduzca **0-9** y • (PUNTO), la selección de canales se hará si no se hace ninguna operación dentro de unos pocos segundos.





Cambio del volumen

Puede cambiar el volumen pulsando **VOL+/-** en el televisor o en el control remoto.

- Para aumentar el volumen, pulse **VOL +**.
- Para disminuir el volumen, pulse **VOL -**.



Estado de audio

Dispositivo de salida	Selección salida	
	Fija	Variable
Altavoz	Sonido variable	Silenciamiento

- Cuando "Selección salida" se ponga en "Variable", el indicador de la pantalla cambiará como se muestra a continuación.



Funcionamiento directo mediante botón

MUTE

Silencia la salida de sonido actual.
Pulse **MUTE**.

-  se visualiza en la pantalla durante 30 minutos y el sonido se silencia.

NOTA

- Durante los 30 minutos de pulsar **MUTE**, este puede ser cancelado pulsando **VOL+/-** o **MUTE**.
- El silenciamiento se cancelará después de que hayan pasado 30 minutos. Sin embargo, el televisor no dará una salida repentina a un sonido alto porque el volumen se ajustará automáticamente a 0.



FREEZE

Le permite capturar y congelar una imagen en movimiento que está viendo.

Pulse **FREEZE**.

- Se captura una imagen en movimiento.
- Pulse **FREEZE** para cancelar la función.

NOTA

- Cuando esta función no se encuentre disponible, se visualizará "No hay visualización de imagen fija disponible".
- La imagen fija desaparece automáticamente después de transcurridos 30 minutos.
- Si está utilizando la función de congelación y una emisión activa V-CHIP BLOCK, la función de congelación se cancelará y aparecerá el mensaje V-CHIP BLOCK.



FLASH BACK

Pulse **FLASHBACK** para cambiar al canal sintonizado anteriormente o al modo de entrada anterior.

- Pulse de nuevo **FLASHBACK** para cambiar al canal que está actualmente sintonizado.

NOTA

- **FLASH BACK** no funcionará si no se ha cambiado ningún canal después de encender el televisor.






SMART




Le permite activar varios tipos de aplicaciones directamente.

1 Pulse **SMART** para visualizar la ventana de aplicaciones.

- Pulse de nuevo **SMART** para cambiar al canal que está actualmente sintonizado.

2 Pulse  para seleccionar la aplicación deseada, y luego pulse **ENTER**.

Si ha cambiado la pantalla de la lista de aplicaciones en el paso 1, seleccione una categoría y luego una aplicación.

- Si aparece  tras haber cambiado a modo USB, verifique la conexión USB.
- Si aparece  o  tras haber cambiado al modo Red Casera o tras conectarse a Internet, verifique los ajustes y la conexión de red de su televisor.

NETFLIX

Visualiza la pantalla de Netflix.

Pulse **NETFLIX**.

NOTA

Si pulsa el botón NETFLIX cuando el televisor está apagado, el televisor se enciende y se muestra la pantalla NETFLIX.

- Para disfrutar de Netflix, es necesario:
 - disponer de conexión de banda ancha a Internet
 - realizar ajustes en la Configuración de Internet
 - realizar ajustes para Netflix





AUDIO

Modo estéreo MTS/SAP

El televisor tiene una función que permite recibir sonido diferente del audio principal para el programa. A esta función se le llama sonido de televisión multicanal (MTS). El televisor con MTS puede recibir sonido mono, sonido estéreo y programas de audio secundarios (SAP). La función SAP permite que una emisora de TV pueda emitir otra información, que bien puede ser audio en otro idioma o algo completamente diferente como, por ejemplo, información relacionada con el tiempo meteorológico.

Podrá disfrutar de sonido estéreo de Hi-Fi o de emisiones SAP donde se encuentren disponibles.

- **Emisiones estéreo:** Vea programas como acontecimientos deportivos, espectáculos y conciertos con un sonido estereó dinámico.
- **Emisiones SAP:** Reciba emisiones de TV con sonido MAIN o SAP.
 - Sonido MAIN: Pista de sonido de programa normal (mono o estéreo).
 - Sonido SAP: Escuche un segundo idioma, un comentario suplementario y otra información. (SAP es sonido mono.)

Si el sonido estéreo se oye con dificultad.

- Obtenga un sonido más claro cambiando manualmente al modo de sonido mono fijo.

Puede cambiar MTS como se muestra abajo para que concuerde con la señal de emisión de televisión. Pulse **AUDIO** para cambiar entre los modos de audio.

Ejemplos: cuando se reciben MTS y SAP

Modo STEREO: ST(SAP) → SAP(ST) → MONO

Modo STEREO + SAP: STEREO ↔ MONO

Modo MAIN + SAP: MAIN ↔ SAP

Modo MONO: MONO

Modo de audio de emisión digital

Los tipos de audio transmitidos en una emisión digital incluyen AMBIENTAL, MONO y STEREO. Además, es posible que múltiples pistas de audio acompañen a una sola pista de video.

Pulse **ENTER** para cambiar entre los modos de audio.

Ejemplo: cuando se recibe una emisión digital

STEREO (Audio1) → STEREO (Audio2)
← AMBIENTAL (Audio3) ←

NOTA

- MTS sólo funciona en el modo TV.
- Puede tener los mismos ajustes eligiendo "Cambiar Audio" en los elementos del menú.



Temporizador de apagado

Le permite poner un tiempo tras el cual el televisor se pondrá automáticamente en el modo de alimentación en espera.

Pulse **SLEEP**.

- Cuando está ajustado el temporizador de apagado se visualiza el tiempo restante.
- Cada vez que pulse **SLEEP**, el tiempo restante cambiará como se muestra más abajo.

Apagado → 0hr30min → 1hr00min

2hr30min ← 2hr00min ← 1hr30min

- Cuando establezca el tiempo, la cuenta descendente empezará automáticamente.
- Si desea ajustar el temporizador de apagado, podrá pulsar dos veces **SLEEP** y luego cambiar el ajuste del tiempo.
- 5 minutos antes de que se agote el tiempo, el tiempo restante comenzará a aparecer continuamente a cada minuto.

NOTA

- El televisor entrará en espera cuando el tiempo restante llegue a 0.

AV MODE

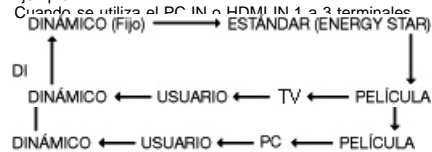
MODO AV le permite elegir entre varias opciones de visión para emplear aquella que mejor se adapte al ambiente que rodea al TV, el cual puede cambiar debido a factores tales como el brillo de la habitación, el tipo de programa que se vea o el tipo de entrada de imagen procedente del equipo externo.

Pulse **AV MODE**. Se visualiza el MODO AV actual.

- Pulse de nuevo **AV MODE** antes de que desaparezca el modo visualizado en la pantalla.
- El modo cambia como se muestra abajo:
- Ejemplo:
 - Al usar los terminales COMPONENT / VIDEO o VIDEO



• Ejemplo:



AV MODE (Continúa)



ESTÁNDAR (ENERGY STAR): Para una imagen altamente definida en una iluminación normal.

PELÍCULA: Para una película.

PC: Para PC.

USUARIO: Permite al usuario personalizar los ajustes que desee. Puede ajustar el modo para cada una de las fuentes de entrada.

DINÁMICO: Para una imagen nítida que realza el contraste, útil para ver programas deportivos.

DINÁMICO(Fijo): Cambia las opciones de imagen y sonido a los valores preajustados en la fábrica. No se permite hacer ajustes.

NOTA

- Puede seleccionar un elemento de MODO AV diferente para cada modo de entrada. (Por ejemplo, seleccione ESTÁNDAR (ENERGY STAR) para entrada de TV y DINÁMICO para COMPONENTES.)
- No puede establecer "PC" cuando el televisor está conectado a Internet.
- No puede establecer "PC" cuando la fuente de entrada es "Red Casera(Home Network)" o "USB".
- Puede tener los mismos ajustes eligiendo "MODO AV" en los elementos del menú.



Subtítulos ocultos y subtítulos ocultos digitales

Su televisor está equipado con un decodificador interno de subtítulos ocultos. Esto le permite ver en su televisor, a modo de subtítulos, conversaciones, narraciones y efectos de sonido. Los subtítulos ocultos se encuentran disponibles en algunos programas de TV y en algunas cintas de vídeo VHS de uso en casa, dependiendo del proveedor de los programas.

El servicio de subtítulos ocultos digitales es un nuevo servicio de subtítulos solamente disponible en programas de TV digital (dependiendo también del proveedor de los programas). Este es un sistema más flexible que el sistema de subtítulos ocultos original, ya que permite disponer de una variedad de tamaños de subtítulos y estilos de las letras. Cuando se utiliza el servicio de subtítulos ocultos digitales, esto se indicará mediante la aparición de una abreviatura de 3 letras que también indicará el idioma de los subtítulos ocultos digitales: ENG (inglés), SPA (español) o FRA (francés), u otros códigos de idiomas.

No todos los programas y videocintas VHS ofrecen subtítulos ocultos. Busque el símbolo "CC" para asegurarse de que se mostrarán subtítulos.

En el sistema de subtítulos ocultos se puede proveer más de un servicio de subtítulos. Cada uno de ellos se identificará mediante su propio número. Los servicios "CC1" y "CC2" muestran subtítulos de programas de TV superpuestos sobre las imágenes de los programas.

En el sistema de subtítulos ocultos, los servicios "Texto1" o "Texto2" muestran texto que no está relacionado con el programa que se está viendo (ej. el tiempo meteorológico o noticias). El texto de estos servicios también se superpone sobre el programa que está viéndose.

1 Pulse CC.

- Esto presentará la visualización de la información de los subtítulos ocultos.

2 Pulse CC mientras la información de subtítulos ocultos está aún en la pantalla.

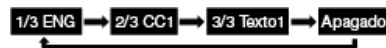
- Pulse repetidamente hasta que seleccione el servicio de subtítulos ocultos deseado.



- Dependiendo del número de servicios de subtítulos disponible en la señal que esté siendo recibida, usted verá información tal como 1/2 ó 1/4. 1/2 significa "el primero de dos servicios".

Ejemplo:

Si un programa tiene tres servicios (Digital CC(ENG), CC1 y Texto1), la visualización de los subtítulos ocultos cambiará en este orden:



- El botón **CC** mantiene un registro del último servicio seleccionado en su memoria. Si el último modo de subtítulos ocultos (ej. 1/3 ENG) que usted seleccionó no está disponible para el siguiente programa o en otro canal, el servicio de subtítulos ocultos que se encuentre disponible se seleccionará automáticamente, y este servicio aparecerá entre paréntesis, por ejemplo "1/3(CC1)". Los servicios de subtítulos ocultos que aparezcan entre paréntesis no se grabarán en la memoria del botón **CC** como el último servicio seleccionado. Sólo se grabarán los servicios que usted haya seleccionado con el botón **CC**.

Subtítulos ocultos y subtítulos ocultos digitales (Continúa)

Ejemplos:

En un caso en que se suministren dos servicios de subtítulos ocultos, (Digital CC(ENG) y CC1 por ejemplo), y Digital CC(ENG) se visualice porque es lo que usted tiene seleccionado actualmente, si Digital CC(ENG) no se emite para el siguiente programa, el otro servicio de subtítulos ocultos, CC1, se visualizará entre paréntesis. Un servicio de subtítulos ocultos aparece entre paréntesis porque el servicio que usted seleccionó no se encuentra disponible y se visualiza un servicio diferente en su pantalla. "1/1(CC1)" se visualiza en lugar de "1/2/ENG".

NOTA

- Cuando el programa no tenga subtítulos ocultos, "--" se visualizará en la información de subtítulos ocultos.
- Si el código de idioma, "ENG" por ejemplo, no se encuentra en los programas de televisión digital se mostrará "--".
- Hay potencialmente disponibles cuatro tipos de servicios de subtítulos ocultos (CC1, CC2, Texto1, Texto2), pero a elección del proveedor de programas, una emisión puede no tener ninguno, o sólo algunos de esos servicios.
- Cuando se muestra una página Web, los subtítulos ocultos no están disponibles.
- Puede tener los mismos ajustes eligiendo "Cambiar CC" en los elementos del menú.





VIEW MODE

Puede seleccionar el tamaño de la pantalla.

1 Pulse **VIEW MODE**.

- El menú Modo de Vista se visualiza.
- El menú lista las opciones del Modo de Vista que pueden seleccionarse para el tipo de señal de vídeo que está siendo recibida actualmente.


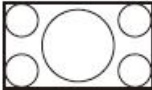
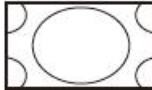

2 Pulse **VIEW MODE** o **▲▼** mientras está visualizado el menú Modo de Vista para seleccionar un elemento deseado en el menú.

- Puede seleccionar consecutivamente un Modo de Vista que tenga su propia relación de aspecto.

NOTA

- Puede tener los mismos ajustes eligiendo "Modo de Vista" en los elementos del menú.
- Cada vez que pulse **VIEW MODE** cuando se muestre una pantalla del navegador, el patrón de visualización alterna entre una pantalla solo de sitio web y una pantalla de televisor+web.
- Use esta función durante la entrada de otros tipos de señales (como Full HD).

Para programas HD

Alarga.	Punto x punto (Pantalla Completa)	Alarga. S (Ampliación inteligente)	Zoom
			
Adecuado para ver programas con una relación de aspecto de 1,78:1 de pantalla panorámica. El modo de ampliación todavía mostrará franjas negras muy finas en la parte superior e inferior de la pantalla.	"Punto x punto" cuando el número de píxeles en la pantalla y la resolución de la señal son la misma. "Pantalla Completa" cuando el número de píxeles en la pantalla y la resolución de la señal son diferentes. En ambos casos, la imagen abarca por completo la pantalla.	Sirve para ampliar programas 4:3 de forma que llenen la pantalla.	Adecuado para ver programas con una relación de aspecto de 2,35:1 de pantalla panorámica en toda la pantalla.

NOTA

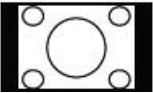

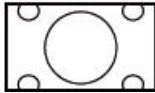
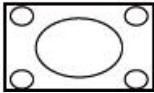
- Cuando utilice la función Punto g punto o Pantalla Completa es posible que se vean barras o ruido alrededor de partes exteriores diferentes de la pantalla. Cambie el modo de vista para corregir esto.



VIEW MODE (Continúa)

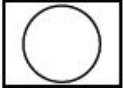
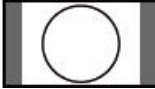

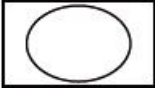
Para programas 4:3

Ejemplo: Imágenes de tamaños de pantallas

Barra Lateral	Alarga. S (Ampliación inteligente)	Zoom	Alarga.
			
Sirve para ver programas 4:3 convencionales en su formato normal.	Sirve para ampliar programas 4:3 de forma que llenen la pantalla.	Sirve para ver DVDs anamórficos 2,35:1 de pantalla panorámica en toda la pantalla.	Este modo sirve para los DVDs 1,78:1. Cuando vea DVDs 1,85:1, el modo de ampliación todavía mostrará franjas negras muy finas en la parte superior e inferior de la pantalla.

Para USB-Vídeo, Vídeo de red casera o aplicaciones de Internet

Ejemplo: Imágenes de tamaños de pantallas

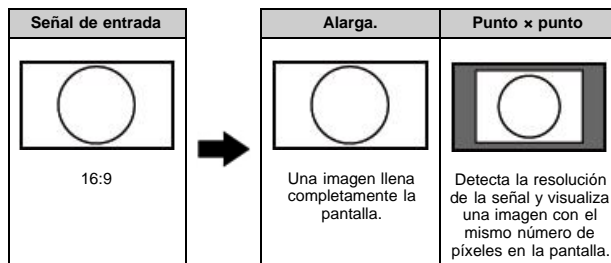
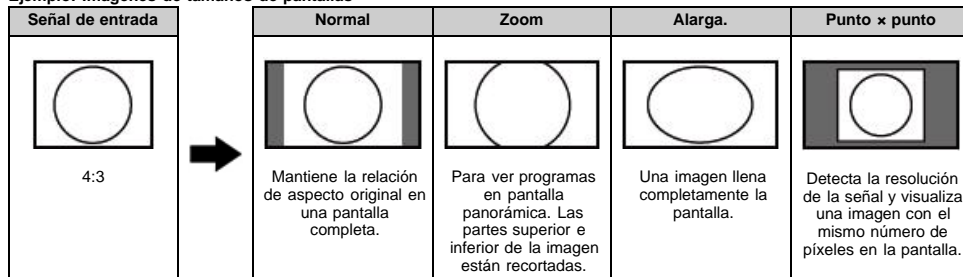
Señal de entrada	Auto	Original	Alarga.
			
	Mantiene la relación de aspecto original en una pantalla completa.	Visualiza una imagen por un tamaño original.	Una imagen llena completamente la pantalla.



VIEW MODE (Continúa)

Para PC

Ejemplo: Imágenes de tamaños de pantallas



NOTA

- Conecte el PC antes de hacer ajustes. Consulte la Guía de Instalación.
- El tamaño de la pantalla seleccionable puede variar según el tipo de la señal de entrada.



Introducción



LCFONT contenida



① Pantalla guía

- Esto indica los botones que se pueden operar en la pantalla exhibida. La pantalla guía varía según la pantalla de ajuste de menú.
- Las operaciones para algunos elementos seleccionados se pueden presentar en la barra de guía de operación de la parte inferior de la pantalla.

② Elemento visualizado en azul

- Esto indica el elemento actualmente seleccionado.
- Pulse **ENTER** para pasar a la pantalla de ajuste para este elemento.

③ Elemento entre corchetes

- Esto indica el ajuste actual para el elemento.

④ Elemento visualizado en blanco

- Esto indica que el elemento puede ser seleccionado.

⑤ Elemento visualizado en gris

- Esto indica que el elemento no puede ser seleccionado. Hay varias razones por las cuales los elementos no pueden ser seleccionados, pero las razones principales son las siguientes:

— No hay nada conectado al terminal de entrada seleccionado.

— La función no es compatible con la señal de entrada actual.

— Si se produce un conflicto con otras funciones, debe cambiar los parámetros de las otras funciones.

Introducción (Continúa)

Sobre los elementos del menú

- Dependiendo de la fuente de entrada seleccionada puede ser que no se visualicen algunos elementos de menú.

NOTA

- Las pantallas en el manual de operación se ofrecen con fines explicativos (algunas ampliadas, otras recortadas) y pueden ser un poco diferentes de las pantallas reales.
- El orden de las explicaciones para cada elemento del menú en las siguientes páginas no necesariamente está de acuerdo con la alineación de los elementos en pantalla.



LCFONT:

- Este producto contiene la tecnología LC Font, que ha sido desarrollada por SHARP Corporation para exhibir claramente caracteres fáciles de leer en las pantallas LCD.



Ejemplo



1 Pulse **MENU** para visualizar la pantalla MENÚ.

2 ① Pulse **◀▶** para seleccionar el menú deseado.

② Pulse **▲▼** para seleccionar un elemento de ajuste específico, y luego pulse **ENTER**.

- Es posible que se presenten elementos adicionales de ajuste que estén relacionados. Pulse **▲▼** para seleccionar el elemento deseado.

③ Ajuste el elemento al consultar la pantalla guía.

- Las operaciones varían según la función o elemento. Consulte la pantalla guía correspondiente a la pantalla de ajuste del menú para operaciones con botones.

3 Pulse **MENU** para salir.

NOTA

- Las opciones del menú difieren en los modos de entrada seleccionados, pero los procedimientos de operación son los mismos.

Botones de operación del menú

Usando el control remoto

Utilice los siguientes botones en el control remoto para controlar el menú.

MENU: Pulse para abrir o cerrar la pantalla de menú.

▲/▼/◀/▶: Pulse para desplazar un elemento deseado en la pantalla o ajustar un elemento seleccionado.

ENTER: Pulse para pasar al paso siguiente o completar el ajuste.

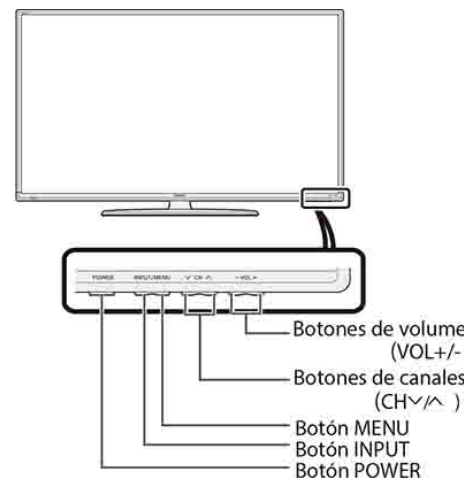
RETURN: Pulse para volver al paso anterior.



Usando el panel de control del televisor

También puede operar el menú con el panel de control del televisor.

Las operaciones con botones en el panel de control corresponden a las del control remoto como se indica abajo.



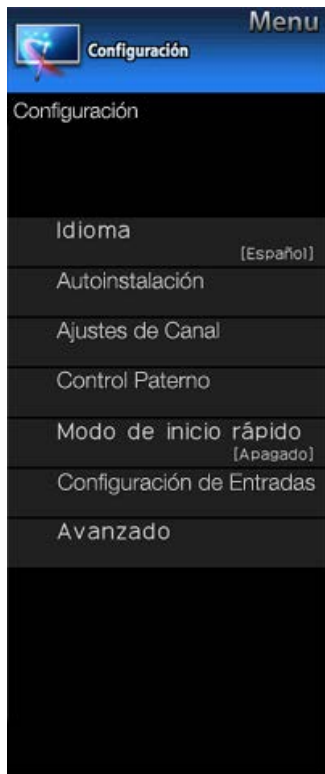
MENU: MENU en el control remoto.

INPUT: ENTER en el control remoto.

CH/V/^: Cursor ▲/▼ en el control remoto.

VOL+/-: Cursor ◀/▶ en el control remoto.

Ejemplo



Configuración Inicial

NOTA

- Para operar el menú en pantalla, [Consulte la página 4-3.](#)
- Al seleccionar "Configuración", "Ajuste de Canal", "Control Paterno" o "Reiniciar", puede introducir aquí el número secreto de 4 dígitos.

Autoinstalación

Puede ejecutar Autoinstalación de nuevo, incluso después de haber configurado los canales preajustados.

Idioma: Seleccione entre 3 idiomas (Inglés, Francés y Español).

Locación & Hora: Realice los ajustes de acuerdo con el país, área y zona horaria en la que utiliza el televisor.

Selección su País: Seleccione "Estados Unidos", "Canadá" o "México".

Selección su zona horaria: Seleccione su zona horaria. Los ajustes disponibles difieren en función del país seleccionado.

Selección Horario de Verano: Seleccione "Automático", "Manual" o "Apagado".

Ubicación TV: Seleccione "Casa" o "Tienda" según el lugar en el que va a instalar el televisor. Este producto cumple con ENERGY STAR en modo predeterminado de ajuste para Casa.

Casa: MODO AV se establece en "ESTÁNDAR (ENERGY STAR)".

Tienda: MODO AV se establece en "DINÁMICO(Fijo)". Se puede establecer Reiniciar Imagen y Demo.

Reiniciar Imagen: MODO AV se establece en "DINÁMICO(Fijo)" independientemente de si Reiniciar Imagen se encuentra en "Encendido" o en "Apagado". Si se selecciona "Encendido", MODO AV se restablecerá en "DINÁMICO(Fijo)" si no se realiza ninguna operación durante 30 minutos. Cuando se selecciona "Apagado", MODO AV se establecerá en "DINÁMICO(Fijo)".

Demo: Cuando se selecciona "Encendido", una vez completados todos los ajustes, la pantalla de Demo se visualiza si no se realiza ninguna operación durante varios minutos.

- La calificación ENERGY STAR está basada en el MODO AV "ESTÁNDAR (ENERGY STAR)".

Antena & Cable/STB: Seleccione el tipo de conexión que utilizará para ver la televisión.

Ant./Cable: Asegúrese de la clase de conexión que se hace con su televisor cuando se selecciona "Antena" o "Cable".

Busq. Canal: La búsqueda automática de canales hace que el televisor busque todos los canales que puedan verse en la zona establecida.

- Si seleccione "Cable" para la configuración de la antena, los canales codificados se eliminarán una vez que se haya completado la búsqueda de canales.

Smart TV: Cuando se conecte a Internet en el televisor, confirme el método de conexión y haga ajustes.

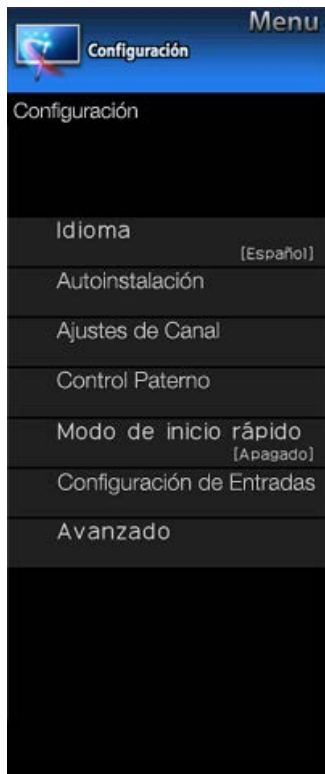
- La conexión LAN inalámbrica solo es posible cuando se utiliza el método WPS (pulsador). Si se utiliza cualquier otro método, haga los ajustes en Smart TV > Configuración de Internet > Ajuste de Red.

Completado: Se visualiza la pantalla de confirmación de los ajustes. Confirme la información que se visualiza en la pantalla.

NOTA

- Consulte la Preparación inicial en las [Consulte la páginas 2-2 a 2-7](#) para ajustar cada elemento.
- Si no se encuentra ningún canal, asegúrese de la clase de conexión que se ha hecho con su televisor e intente de nuevo "Configuración".
- Si selecciona "Comienzo de búsqueda analógica" e inicia la búsqueda de canal, se borrará Mem. Canal para Cable Digital.

Ejemplo



Configuración Inicial (Continúa)

Idioma

También puede seleccionar un idioma desde el menú Configuración Inicial. Seleccione entre 3 idiomas: Inglés, Francés y Español.

NOTA

- Para cambiar el idioma del manual, seleccione "Menu" > "Configuración Inicial" > "Idioma" y cambie el idioma. A continuación,

Ajustes de Canal

Channel Setup


Si la preparación inicial no memoriza todos los canales de su región, siga las instrucciones de abajo para memorizar manualmente los canales.

Ant./Cable: Asegúrese de la clase de conexión que se hace con su televisor cuando se selecciona "Antena" o "Cable".

Busq. Canal: La búsqueda automática de canales hace que el televisor busque todos los canales que puedan verse en la zona establecida.

Mem. Canal: Puede seleccionar los canales que quiere omitir para cada uno de los tipos de señal, < ANALOG (Ant.), ANALOG(Cable), DIGITAL(Ant.) y DIGITAL (Cable).

Encendido: Se omiten canales. (Selección de canales desactivada utilizando **CH** )

Apagado: No se omiten canales. (Selección de canales activada utilizando **CH** )

Elim. canal codif.: Esta función hace que el televisor busque y elimine los canales digitales por cable que están codificados y por lo tanto no están disponibles en el área establecida. El proceso puede durar más de 20 minutos.

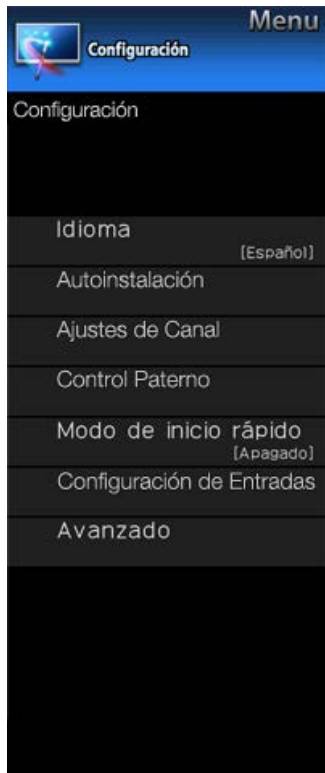
Si: Comienza a eliminar canales codificados.

No: No se realiza esta función.

NOTA

- Consulte la Preparación inicial en las [Consulte la páginas 2-2 a 2-7](#) para ajustar cada elemento.
- Si no se encuentra ningún canal, asegúrese de la clase de conexión que se ha hecho con su televisor e intente de nuevo la búsqueda de canal.
- Si selecciona "Comienzo de búsqueda analógica" e inicia la búsqueda de canal, se borrará Mem. Canal para Cable Digital.

Ejemplo



Configuración Inicial (Continúa)

Ajustes de Canal

Canal favorito (Ajuste de los canales favoritos)

Esta función le permite programar 4 canales favoritos en 4 categorías diferentes. Estableciendo de antemano los canales favoritos, usted podrá seleccionarlos luego fácilmente.

Para almacenar su canal favorito:

Seleccione "Registro" y luego pulse **ENTER**. Pulse **▲/▼/◀▶** para seleccionar la posición en la categoría, y luego pulse **ENTER** para registrar.

Para borrar su canal favorito:

Seleccione "Borrar 1 dato" y luego pulse **ENTER**. Pulse **▲/▼/◀▶** para seleccionar el canal que quiera borrar, y luego pulse **ENTER**. Seleccione "Sí" y luego pulse **ENTER**.

Para borrar todos los canales favoritos, seleccione "Borrar todos los datos".

NOTA

- Antes de ajustar el canal, seleccione el canal que quiera registrar como canal favorito.
- Puede visualizar la pantalla "Canal favorito" pulsando **FAVORITE CH** en el control remoto.

Aj. de antena-DIGITAL

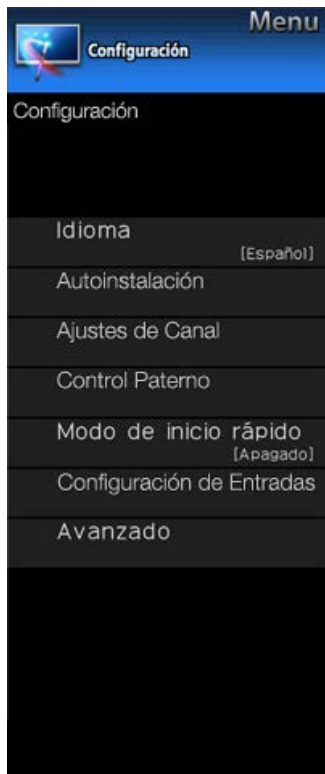
Para recibir las emisiones del aire digitales se necesita una antena para emisiones digitales. Puede confirmar la configuración de la antena mediante la pantalla "Aj. de antena-DIGITAL". En caso de ser necesario, ajuste el sentido de la antena para obtener la máxima intensidad de la señal.

Intensidad señal: Se visualiza la intensidad de la señal del canal DIGITAL. La información de la señal se basa en el canal actual.

Intensidad canal: Introduzca el número del canal de 2 dígitos para comprobar la intensidad de la señal del canal seleccionado. Asegúrese de que la señal tenga la intensidad suficiente para cada canal.

- Esta función sólo está disponible para DIGITAL (Ant.).

Ejemplo



Configuración Inicial (Continúa)

Ajuste Individual

No. secreto

Le permite utilizar un número secreto para proteger ciertos ajustes y evitar que sean cambiados por accidente.

IMPORTANTE:

Para activar el V-Chip se deben cumplir tres condiciones

1. El número secreto debe estar registrado.
2. Los ajustes V-Chip/V-Chip (Sólo DTV) deben estar hechos.
 - El "V-Chip (Sólo DTV)" sólo podrá seleccionarse cuando pueda descargarse un nuevo sistema de calificación vía emisión digital en Estados Unidos.
3. "Estado" debe estar en "Encendido".

Nuevo No. secreto

Puede establecer y cambiar el número secreto utilizando las teclas **0-9**.

Si: Cambia o pone el número secreto.

No: La pantalla para borrar el número secreto aparece cuando se ha establecido el número secreto. Si el número secreto no se ha establecido, se exhibirá la pantalla anterior.

NOTA

- Como medida de precaución, anote su número secreto y guárdelo en un lugar donde no lo pierda.

Control Paterno

V-Chip

V-CHIP es un dispositivo electrónico de filtración incorporado en su televisor. Esta herramienta permite que los padres controlen considerablemente las emisiones a las que puedan acceder sus hijos. Los padres pueden elegir programas que consideren adecuados para sus hijos y bloquear aquellos que no juzguen adecuados. Lo hace automáticamente una vez que usted activa la función V-CHIP en su televisor. "V-Chip" y "Estado" no se seleccionarán desde el menú si usted no configura primero su número secreto.

- En los EE.UU. hay dos sistemas de calificación para ver imágenes reproducidas: consejos de TV para los padres y calificaciones de películas.
- Los consejos de TV para los padres funcionan en combinación con el V-CHIP para que los padres puedan evitar que sus hijos vean programas de televisión inapropiados para ellos.
- Las calificaciones de películas se utilizan para las películas originales calificadas por la Asociación Cinematográfica de América (MPAA) para ser vistas por TV por cable y que no han sido editadas para ver por televisión. El V-CHIP también se puede ajustar para bloquear las películas calificadas por la MPAA.

NOTA

- El ajuste entra automáticamente en "Bloqueo" para cualquier calificación inferior a la que usted ha elegido.
- Si Estado no se pone en "HABILITAR", los ajustes de configuración no se activarán.

MPAA (Sistema de calificación voluntaria para películas) Ejemplo



Pulse **▲/▼** para ajustar el elemento en su posición deseada. "■" indica que el elemento está bloqueado. Pulse **MENU** para salir.

G: Público en general. Todas las edades admitidas.

PG: Se sugiere la presencia de los padres. Puede que algo del material no sea adecuado para los niños.

PG-13: Se recomienda la presencia de los padres. Puede que algo del material no sea adecuado para niños de menos de 13 años.

R: Restringido. Los menores de 17 años deben ir acompañados por los padres o un adulto encargado de ellos (la edad cambia en algunas jurisdicciones).

NC-17: No se admite a nadie menor de 17 años.

X: La clasificación X es una categoría antigua que se encuentra unificada con NC-17, pero todavía puede encontrarse codificada en los datos de películas antiguas.

NOTA

- El sistema de calificación voluntaria para películas sólo utiliza una calificación basada en la edad.

Ejemplo



Configuración Inicial (Continúa)

- Ajuste Individual
- Control Paterno

Consejos de TV para los padres Ejemplo



- Edad sugerida
- TV-Y:** Todos los niños
 - TV-Y7:** Dirigida a los niños mayores
 - TV-G:** Público en general
 - TV-PG:** Se sugiere la presencia de los padres
 - TV-14:** Se recomienda la presencia de los padres
 - TV-MA:** Para público adulto solamente

Cuando ajuste un elemento individual de calificación basado en el contenido:

- 1 Pulse **▶** para acceder a los elementos del contenido bloqueado desde el elemento de calificación basado en la edad actualmente seleccionado.
- 2 Pulse **▲/▼** para seleccionar un elemento individual, y luego pulse **ENTER** para desbloquearlo (desaparece "■"). Repita los mismos pasos para los otros elementos.
- 3 Pulse **◀** para registrar una vez establecidos todos los elementos individuales de la calificación basada en el contenido.

- Contenido
- FV:** Violencia fantástica
 - V:** Violencia.
 - S:** Actos sexuales
 - L:** Lenguaje de adultos
 - D:** Diálogo con sugerencias sexuales

Calificación		Contenido				
		FV	V	S	L	D
Edad sugerida	TV-Y	×	×	×	×	×
	TV-Y7	×	×	×	×	×
	TV-G		×	×	×	×
	TV-PG		×	×	×	×
	TV-14		×	×	×	×
	TV-MA		×	×	×	

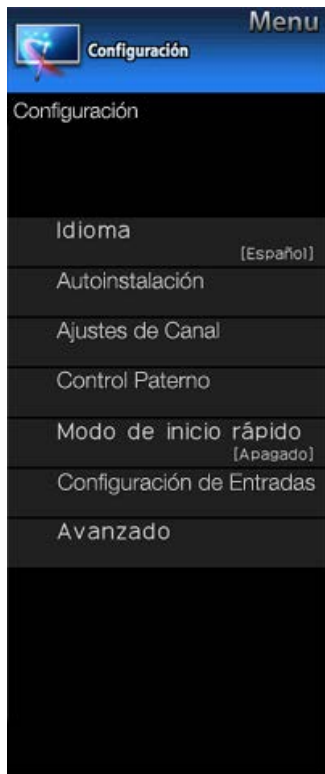
× : Se puede establecer la calificación del contenido, pero normalmente los canales de televisión no la emiten.

× : Se puede establecer la calificación del contenido.

Sistemas de calificación canadienses (calificaciones para el inglés canadiense y para el francés canadiense)

- Los sistemas de calificación de TV en Canadá se basan en la política de la Comisión Canadiense de Radiotelevisión y Telecomunicaciones (CRTC) relacionada con la violencia en los programas de televisión.
- Aunque la violencia es el elemento más importante que debe calificarse, la estructura desarrollada tiene en consideración otros contenidos de los programas como, por ejemplo, el lenguaje, los desnudos, la sexualidad y los temas de madurez.
- Cuando se ajuste el V-CHIP en el sistema canadiense usted podrá elegir entre las calificaciones para el inglés canadiense o las calificaciones para el francés canadiense.

Ejemplo



Configuración Inicial (Continúa)

Ajuste Individual

Control Paterno

Calificaciones para el inglés canadiense

E: Exento: Incluye programas de noticias, deportes, documentales y otros programas de información; programas de entrevistas, videos musicales y programas de variedades.

C: Niños: Para los niños pequeños de menos de 8 años. Pone mucho cuidado con los temas que puedan amenazar su sentido de seguridad y bienestar.

C8+: Niños de más de 8 años: Programas que no contienen violencia como forma preferida, aceptable o única para resolver conflictos; tampoco incita a los niños a imitar actos peligrosos que éstos puedan ver en la pantalla.

G: General: Considerado como aceptable para todos los públicos. Apropiado para verlo toda la familia; contiene muy poca violencia física, verbal o emocional.

PG: Acompañamiento de los padres: Para el público en general, pero tal vez no sea adecuado para los niños más pequeños (menos de 8 años) porque puede contener temas controvertidos.

14+: Más de 14 años: Puede contener temas en los que la violencia es uno de los elementos dominantes de la historia, pero ésta debe ser esencial para el desarrollo de la trama o el carácter. El lenguaje puede ser profano y haber desnudos en el tema.

18+: Adultos: Para espectadores de 18 años en adelante. Puede contener escenas violentas que, aunque estén relacionadas con el desarrollo de la trama, los caracteres o los temas, han sido filmadas para que las vean los adultos. Pueden tener un lenguaje soez y escenas de sexo y desnudos.

Calificaciones para el francés canadiense

E: Programación exenta.

G: General: Para todos los públicos, contiene el mínimo de violencia directa, pero puede estar integrada en la trama de una manera humorosa o poco realista.

8ans+: General pero no recomendado para los niños pequeños: Lo puede ver la mayoría del público, pero puede tener escenas que molesten a los niños de menos de 8 años incapaces de distinguir entre las situaciones reales e imaginarias.

Recomendado para ser visto en compañía de los padres.

13ans+: Más de 13 años: Puede contener escenas de violencia frecuente y, por lo tanto, se recomienda verlo en compañía de los padres.

16ans+: Más de 16 años: Puede contener escenas de violencia frecuente y de intensa violencia.

18ans+: Más de 18 años: Sólo para adultos. Puede contener escenas de violencia frecuente y de intensa violencia.

Cancelación temporal del V-CHIP BLOCK

El V-CHIP BLOCK funciona para censurar una emisión, y en ese caso se visualiza "V-CHIP HA SIDO ACTIVADO".

1 Pulse **ENTER** mientras está activada la función V-CHIP y luego se visualizará el menú de ajuste del número secreto.

2 Introduzca el número secreto de 4 dígitos utilizando **0-9**. Ahora se cancela temporalmente V-CHIP BLOCK.

Ejemplo



Configuración Inicial (Continúa)

Ajuste Individual

Control Paterno

Reactivación del V-CHIP BLOCK cancelado temporalmente

Puede reactivar el V-CHIP BLOCK cancelado temporalmente como se muestra a continuación.

- Seleccione el ajuste de "Estado" desde el menú Control Paterno para reactivar BLOCK.
- Seleccione el ajuste "V-Chip" ("MPAA", "TV Guidelines", "Califi. Ing. Canadá" o "Califi. Fra. Canadá") desde Control Paterno para reactivar BLOCK. ([Consulte las páginas 3-12 a 3-13.](#))
- Desconecte la alimentación del televisor.

NOTA

- El V-CHIP BLOCK se activará al ejecutar uno cualquiera de los tres métodos de arriba.

Estado

Se utiliza para activar o desactivar la función de control parental. No se puede seleccionar esta función en el menú a menos que se configure primero el número secreto.

No. Secreto

Le permite utilizar un número secreto para proteger ciertos ajustes que se modifiquen accidentalmente.

IMPORTANTE:

Tres condiciones deben cumplirse para que el V-Chip ([Consulte las páginas 3-12 a 3-13.](#))

1. No. Secreto se ha registrado.
2. V-Chip / V-Chip (DTV solamente) se han hecho ajustes. El "V-Chip (DTV solamente)" sólo se podrá seleccionar cuando un nuevo sistema de clasificación se puede descargar a través de la radiodifusión digital en los EE.UU.
3. "Estado" se ajusta en "Activar".

Configuración de número secreto

Puede configurar y cambiar el número secreto mediante el uso de 0-9.

Si: los cambios o establece el número secreto.
No: "Eliminar Secreto No." menú aparecerá cuando el número secreto se ha establecido. Cuando el número secreto no se ha establecido, se mostrará la pantalla anterior.

NOTA

- Como medida de precaución, haga una nota de su número secreto y guárdelo en un lugar familiar.
- Si el número secreto se borra, el ajuste automáticamente Estado establece en "Off". "V-Chip" y "Estado" no se podrá seleccionar en el menú.

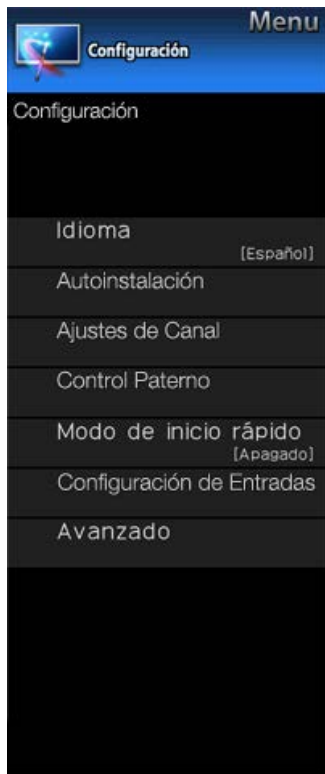
Modo de inicio rápido

Cuando esta función esta activada, puede reducir el tiempo de encendido del televisor o incluso dejar que el televisor en el modo de espera empiece a mostrar imágenes a través del equipo conectado a la red.

NOTA

- Al ajustar el "Modo de inicio rápido" en "Ajustes" se consume más energía.

Ejemplo



Configuración Inicial (Continúa)

Configuración de Entrada

Ajuste HDMI - Vista automática

Cuando ve imágenes enviadas desde equipos externos en una conexión HDMI, esta función permite que el tamaño de imagen del televisor cambie automáticamente a un tamaño adecuado.

NOTA

- Consulte el manual del equipo externo para conocer el tipo de señal.

DIGITAL AUDIO

Puede dar salida a audio digital a un amplificador AV u otro dispositivo similar cuyo terminal DIGITAL AUDIO INPUT esté conectado al terminal DIGITAL AUDIO OUT del televisor. Seleccione un formato de salida de audio compatible con el formato de audio del programa que usted está viendo y con el equipo conectado.

Apagado: Cierre la función de salida de audio digital.

PCM: Para conectar a equipos que no son compatibles con Dolby Digital y DTS. Se emitirá el mismo audio (main, sub o main/sub) que el audio del programa que se está viendo.

Se emite audio de 2 canales con una frecuencia de muestreo de 48 kHz o menos como audio PCM lineal.

Flujo de bits: Para conectar a un sistema de audio compatible con Dolby Digital y DTS. El audio se emite a través de los canales main y sub.

NOTA

- El audio del canal analógico y el audio de la entrada de video se emiten en el modo PCM aunque esté seleccionado "Flujo de bits".
- Las señales de la entrada digital PCM se emiten en el modo PCM aunque esté seleccionado "Flujo de bits".

Selección Audio

Esta función establece el terminal que va dar salida al audio del computador.

Los elementos de ajuste varían según la fuente de entrada. Seleccione la fuente de entrada correspondiente al terminal conectado al PC y luego ajuste el elemento deseado. Para realizar la operación, consulte "Configuración Inicial" > "Configuración de Entrada" > "Selección Audio".
(Consulte la página 3-8.)

Selección de salida

Le permite seleccionar qué va a controlar la salida de audio.

Fija: El sonido del altavoz se ajusta con **VOL+/-** en el control remoto o en el televisor.

El sonido procedente del terminal AUDIO OUT no se puede ajustar y sale a un nivel consistente.

Variable: El sonido procedente del terminal AUDIO OUT se ajusta con **VOL+/-** en el control remoto o en el televisor.

El sonido del altavoz se silencia.

Input Select

Para ver la entrada de imagen aplicada al terminal COMPONENT IN o VIDEO IN, cambie a "COMPONENTES" o "AV-Y/C", respectivamente.

COMPONENTES: Seleccione video por componentes.

AV-Y/C: Seleccione video compuesto.

NOTA

- Si no se visualiza imagen (color), intente cambiar a otro tipo de señal.
- Compruebe el manual del usuario del equipo externo para conocer el tipo de señal.

Saltar entrada

Este ajuste le permite omitir la Entrada TV, HDMI o PC IN ("PC IN, COMPONENT, HDMI 1, HDMI 2, HDMI 3 y VIDEO") al utilizar la selección de entrada.

NOTA

- Si conecta un equipo externo al terminal HDMI IN que que ha ajustado para ser omitido, aparece un mensaje de notificación en la pantalla cuando se recibe una señal desde el equipo externo conectado. Pulse "Sí" para restablecer el ajuste de omisión correspondiente para que el terminal de entrada esté disponible.

Ejemplo



Configuración Inicial (Continúa)

Configuración de Entrada

Sistema de color

Seleccione en la lista siguiente el sistema de señal de video compatible con su equipo:

Auto/NTSC/PAL-M/PAL-N

NOTA

- "Sistema de color" solamente puede ajustarse para VIDEO IN 1 o COMPONENT/VIDEO IN.
- Si ya ha puesto el número secreto, introduzca aquí el número secreto de 4 dígitos.

Ajustes LINK

Haga los ajustes para utilizar AQUOS LINK.

Establezca los ajustes con "Configuración Inicial" > "Configuración de Entrada" > "Ajustes LINK".

Sinc. fino

Puede ajustar la posición de la entrada de imagen desde un PC con "Configuración Inicial" > "Configuración de Entrada" > "Sinc. fino".

Reiniciar

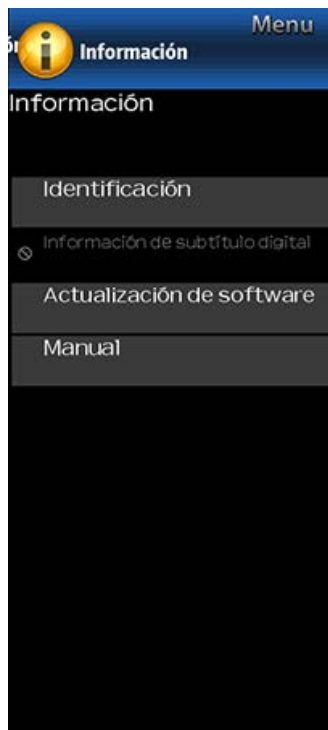
Si se hacen ajustes complejos y no es posible restaurar los elementos de ajuste a los valores normales, puede reponer todos los elementos de ajuste a los valores de fábrica.

- Si ya ha puesto el número secreto, introduzca aquí el número secreto de 4 dígitos.

NOTA

- Los elementos de ajuste de canales no cambiarán.
- Los elementos de ajuste de idioma no cambiarán.
- Los elementos de ajuste de la ubicación del televisor no cambiarán.

Ejemplo



Información

NOTA

- Para operar el menú en pantalla, [consulte la página 4-3](#).

Identificación

Se muestra la versión actual del software del televisor.

Información de subtítulo digital

Esta función permite ver la información digital de los subtítulos para el programa de emisión digital que se está viendo.

NOTA

- Esta lista no se muestra para emisiones analógicas o para entrada externa de audio/vídeo.
- Esta información no está incluida en CC1, CC2, Texto1 o Texto2 y no se muestra en una lista.

Actualización de software

Se usa para actualizar el software del sistema para mejorar las funciones del TV.

- 1 Pulse **MENU** para visualizar la pantalla MENÚ, y luego pulse **◀▶** para seleccionar "Información".
- 2 Pulse **▲▼** para seleccionar "Actualización de software", y luego pulse **ENTER**.
 - Si ya ha puesto el número secreto, vaya al paso 3.
- 3 Pulse **▲▼** para seleccionar "Actualización Manual" o "Ajuste de Actualización Automática", y luego pulse **ENTER**.
 - Las operaciones de allí en adelante varían según el ajuste.

Ajuste de Actualización Automática

Cuando el televisor está encendido, o cuando se accede a una aplicación de Internet, esta función permite que el televisor se conecte a la red y busque actualizaciones automáticamente.

Cuando hay una actualización disponible, se exhibe un mensaje.

Pulse **◀▶** para seleccionar "Sí", y luego pulse **ENTER** para visualizar la pantalla de descarga.

NOTA

- No funciona cuando no se dispone de una conexión de banda ancha o la Configuración de Internet.
- Cuando se está ejecutando una aplicación, puede aparecer un mensaje.
El mensaje varía según la aplicación.

Actualización Manual

Seleccione el método para actualizar manualmente el software.

Actualización USB: Actualiza el software utilizando un dispositivo de memoria USB que contiene el archivo de actualización. (Consulte "Actualización del software con un dispositivo de memoria USB".)

Actualización de Red: Descarga el archivo de actualización por medio de la red y luego actualiza el software.

NOTA

- Se requieren una conexión de banda ancha y la Configuración de Internet para actualizar el software utilizando la red.
- Es posible que tome tiempo acceder y descargar la actualización dependiendo de la conexión a Internet y otros factores.

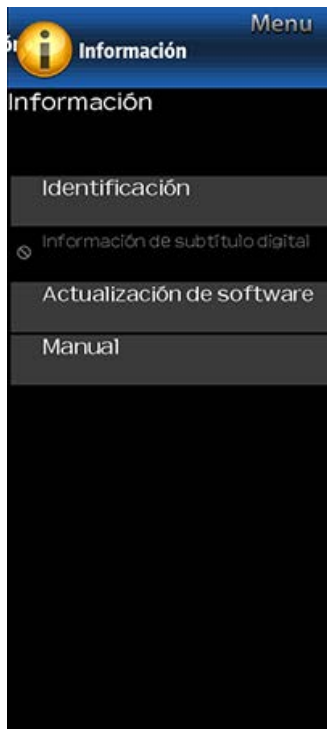
Actualización del software con un dispositivo de memoria USB

Para controlar la disponibilidad de una actualización de software visite

<http://www.sharpsa.com/products/support/>.

Si tiene alguna inquietud por favor, llame 1-800-BESHARP (800-237-4277).

Ejemplo



Información (Continúa)

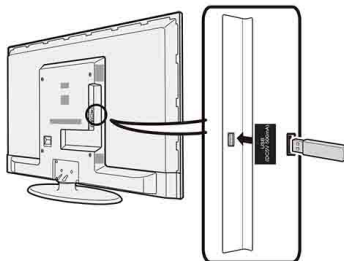
Actualización de software

Actualización Manual

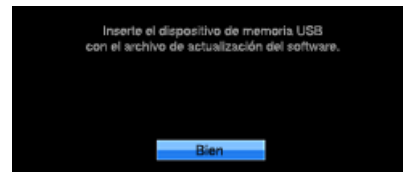
PRECAUCIÓN

- No intente quitar el dispositivo de memoria USB ni desenchufar el cable de CA mientras se está actualizando el software.
- Asegúrese de seguir apropiadamente, paso a paso, todo el procedimiento descrito a continuación. De lo contrario, el televisor no podrá, por ejemplo, leer los datos del dispositivo de memoria USB ni actualizar el software.

1 Inserte el dispositivo de memoria USB con el archivo de actualización en el terminal USB del TV.

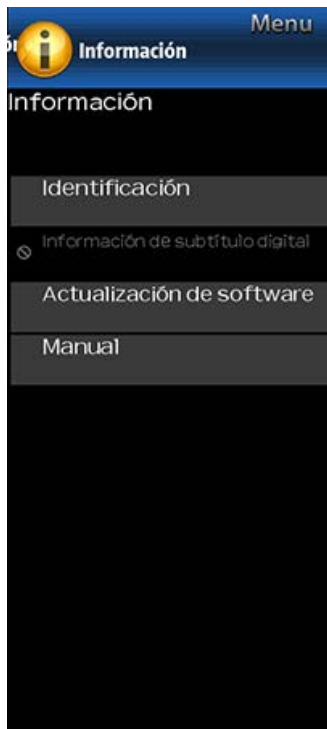


- 2 Pulse **▲▼** en la pantalla de Actualización Manual para seleccionar "Actualización USB", y luego pulse **ENTER**.
- 3 Pulse **ENTER** para iniciar la comprobación de datos en el dispositivo de memoria USB.



- 4 Durante la comprobación de datos, "Comprobando" parpadea.
 - Se muestran la versión actual del software del televisor y la versión del archivo de actualización en el dispositivo de memoria USB.
 - Si el dispositivo de memoria USB no se instala correctamente o no puede encontrarse el archivo de actualización correcto en el dispositivo de memoria USB, se mostrará un mensaje de error. Compruebe el archivo en el dispositivo de memoria USB y a continuación, vuelva a insertar el dispositivo de memoria USB correctamente.

Ejemplo



Información (Continúa)

Actualización de software

Actualización Manual

5 Para actualizar el software del televisor con el archivo de actualización, seleccione "Sí", y pulse **ENTER**.

PRECAUCIÓN

- **No intente quitar el dispositivo de memoria USB ni desenchufar el cable de CA mientras se está actualizando el software.**

6 Cuando el software se actualice con éxito, aparecerá una pantalla indicando que el proceso de actualización ha terminado.

Después de que se muestre esta pantalla, el televisor se apagará automáticamente y después, volverá a encenderse.

- Si falla la actualización, compruebe el archivo en el dispositivo de memoria USB e intente de nuevo actualizar el software.

7 Quite el dispositivo de memoria USB.

Actualización del software por medio de la red

1 Pulse **▲/▼** en la pantalla de Actualización Manual para seleccionar "Actualización de Red", y luego pulse **ENTER**.

- El TV se conecta a la red y verifica que haya actualizaciones.
- Para cancelar, pulse **ENTER**.

2 Se visualizan la versión actual del TV y la última versión del software. Para actualizar el software del TV, seleccione "Sí", y luego pulse **ENTER**.

- Si no se puede establecer una conexión con el servidor o no hay una actualización disponible, se exhibe un mensaje. Si no se puede establecer una conexión al servidor, verifique la conexión a banda ancha y la Configuración de Internet.

3 Después de descargar el archivo de actualización, comienza el proceso de actualización del software.

PRECAUCIÓN

- **No desenchufe el cable de CA mientras se está actualizando el software.**

4 Si el software se actualiza exitosamente, se visualiza una pantalla donde se indica que se ha Aparece una pantalla que indica que se completó la actualización. Transcurridos 4 segundos, el televisor se reinicia automáticamente.

- Si el software no se actualizó exitosamente, verifique la conexión a banda ancha y la Configuración de Internet, y luego intente actualizar el software nuevamente.

Licencia de software

Muestra información de la versión de software.

Manual

Muestra el Manual de instrucciones integrado en pantalla. Puede leer información sobre el uso de este dispositivo.

Ejemplo



Ajustes de Imagen

Ajuste la imagen según sus preferencias empleando los ajustes de imagen siguientes.

NOTA

- Para operar el menú en pantalla, [consulte la página 4-3](#).

Elemento seleccionado	◀ Botón	▶ Botón
Luz trasera	La pantalla se oscurece	La pantalla se ilumina
Contraste	Para menos contraste	Para más contraste
Brillo	Para menos brillo	Para más brillo
Color	Para menos intensidad del color	Para más intensidad del color
Matiz	Los tonos de la piel tiran a rojo	Los tonos de la piel tiran a verde
Nitidez	Para menos nitidez	Para más nitidez

- Para reponer todos los elementos de ajuste de imagen a los valores preajustados en fábrica, pulse ▲/▼ para seleccionar "Reiniciar", pulse **ENTER**, pulse ▲/▼ para seleccionar "Sí", y luego pulse **ENTER**.

MODO AV

Se pueden cambiar los ajustes de audio y vídeo para adecuarse al programa o contenido de entrada que se está mirando.

NOTA

- Los elementos seleccionables varían en función de la fuente de entrada y del modelo de televisor.
- Puede seleccionar MODO AV pulsando **AV MODE** en el control remoto. [Consulte la página 3-10](#) para detalles de los ajustes de MODO AV.

Ejemplo



Ajustes de Imagen (Continúa)

Avanzado

Mejora de Movimiento

Utilice Mejora de Movimiento para ver con mayor nitidez vídeo con acción rápida.

Elemento seleccionado	Descripción
120Hz	Para obtener una imagen más nítida.
Apagado	Imagen original.

NOTA

- "Mejora de Movimiento" puede causar ruido de imagen. Si esto ocurre, desactive la función.
- Si el MODO AV se establece en modo "PC", o se está recibiendo formato de PC, "Mejora de Movimiento" no está disponible.

Reducción ruido

Produce una imagen más clara.

Auto: Ajusta automáticamente el nivel de reducción de ruido.

Alta/Medio/Baja: Usted puede seleccionar un nivel deseado para ver una imagen de vídeo más clara.

Apagado: Sin ajuste

NOTA

- "Reducción ruido" no está disponible cuando se ajusta MODO AV en "PC" o la entrada es en formato PC.

Ejemplo



Ajustes de Imagen (Continúa)

Avanzado

C.M.S. (sistema de control del color)

El tono del color se controla empleando el ajuste de sistema de seis colores.

C.M.S.-Tono: Ésta es una norma para ajustar el color con un tono más rojizo o más azulado.

C.M.S.-Saturación: Aumenta o disminuye la saturación de un color seleccionado.

C.M.S.-Valor: Un valor más alto hace que la imagen sea más brillante.

Un valor más bajo hace que la imagen sea más oscura.

NOTA

- Para reponer todos los elementos de ajuste a los valores de fábrica, pulse ▲/▼ para seleccionar "Reiniciar", y luego pulse ENTER.

Temp. color

Para obtener un mejor balance del blanco, utilice la corrección de temperatura del color.

Baja: Blanco con tonos azulados

Medio:



Alta: Blanco con tonos rojizos

Ajustar la temperatura del color

Para ajustar la temperatura del color, establezca "10 Punto de Ajuste" en "Encendido".

Podrá ajustar la configuración de "Posición". Ajuste la temperatura del color entre +1 y +10.

El equilibrio de blancos puede ajustarse entre un máximo de +30 y un mínimo de -30 por cada temperatura de color.

NOTA

- Cuando "Posición" se pone en "10", puede ajustar el balance blanco entre -30 y 0.
- Para reponer todos los elementos de ajuste a los valores de fábrica, pulse ▲/▼ para seleccionar "Reiniciar", y luego pulse ENTER.

Ejemplo



Ajustes de Imagen (Continúa)

Avanzado

Contraste activo

Automáticamente ajusta el contraste de la imagen de acuerdo a la escena.

Encendido: Produce una imagen de alto contraste.

Apagado: Sin ajuste.

Modo cine (disminución a 3:2)

Esta función ofrece reproducción de alta calidad de imágenes codificadas originalmente a 24 fotogramas/segundo, como las películas.

Estándar: Ajustar efecto para reducir la desalineación del contenido de la película.

Apagado: Modo de vista normal.

NOTA

- "Modo cine" no funciona dependiendo del tipo de señal de entrada.
- "Modo cine" no funciona cuando se ajusta MODO AV en MODO de "PC".
- "Estándar" no funciona dependiendo del tipo de señal de entrada.

Blanco y negro

Para ver video en blanco y negro.

Reiniciar

Repone los ajustes de imagen a sus valores preajustados de fábrica. Para reponerlos, seleccione "SI" y luego pulse **ENTER**.

Ejemplo



Ajustes de Audio

Puede ajustar la calidad del sonido según sus preferencias empleando los ajustes siguientes.

NOTA

- Para operar el menú en pantalla, consulte la página 4-3.

Elemento seleccionado	◀ Botón	▶ Botón
Agudos	Para agudos débiles	Para agudos más fuertes
Graves	Para graves débiles	Para graves más fuertes
Balance	Disminuye el sonido del altavoz derecho	Disminuye el sonido del altavoz izquierdo

NOTA

- El menú Audio se pone gris cuando "Selección salida" se pone en "Variable".
- Para reponer los elementos de ajustes de audio a los valores preajustados de fábrica, pulse ▲/▼ para seleccionar "Reiniciar", pulse ENTER, pulse ▲/▼ para seleccionar "Sí", y luego pulse ENTER.

SURROUND

La función Sonido ambiental produce un efecto de sonido envolvente en los altavoces.

NOTA

- El menú Ajustes de audio se pone gris cuando "Selección salida" se pone en "Variable".
- Para algunos discos tal vez sea necesario hacer la preparación en su reproductor BD/DVD. En este caso, consulte el manual de operación de su reproductor BD/DVD.

Volumen Automático

Las distintas fuentes de sonidos suelen tener distintos niveles de volumen, como sucede con un programa y sus pausas publicitarias. El Control de Volumen Automático (Volumen Automático) reduce esta molestia mediante equalización.

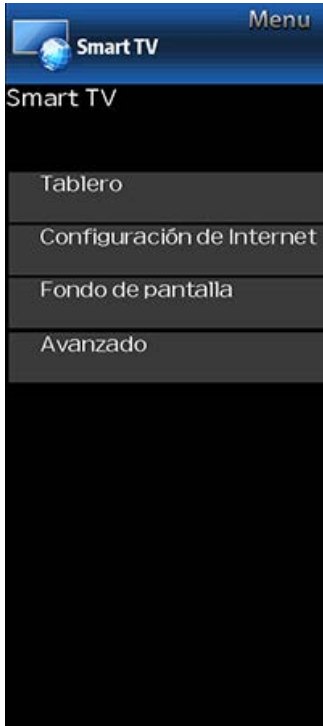
ACTIVADO: Reduce las diferencias de volumen entre distintas fuentes de sonido. El resultado se ajusta automáticamente según la fuente de sonido.

DESACTIVADO: Sin ajuste

Reiniciar

Repone los ajustes de audio a sus valores preajustados de fábrica. Para reponerlos, seleccione "Sí" y luego pulse ENTER.

Ejemplo



Smart TV

Tablero

Puede visualizar una lista de los ajustes principales de Smart TV.

Configuración de Internet

Configura los ajustes LAN e Internet.

Ajuste de Red

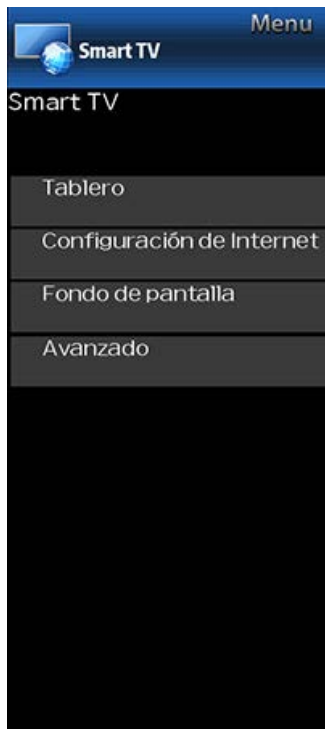
Puede conectar su televisor a Internet utilizando el elemento de ajuste "Ajuste de Red".

[\(Consulte la página 8-3 a 8-4.\)](#)

Servicio interactivo

Si no quiere que otras personas se conecten a Internet en su ausencia, puede configurar el televisor para que no pueda conectarse a Internet sin su autorización.

Ejemplo



Smart TV (Continúa)

Fondo de pantalla

Al activar la función se mostrarán imágenes fijas cuando el televisor esté en el modo en espera.

Modo fondo de pantalla

Configuración de modo de fondo de pantalla.

Desactivado: No aparecerá nada.

Encendido: Se mostrarán imágenes fijas cuando el televisor se encuentre en modo de espera.

Fuente de datos

Para el fondo de pantalla, puede seleccionar las imágenes fijas preinstaladas en el televisor o sus imágenes fijas favoritas almacenadas en el dispositivo de memoria USB.

Pre-instalado: Las imágenes preinstaladas en el televisor aparecerán en una presentación de diapositivas.

USB: Aparecerán sus imágenes favoritas almacenadas para el fondo de pantalla. Si solo hay una imagen fija almacenada en el dispositivo de memoria USB, esa imagen aparecerá como fondo de pantalla. Cuando hay múltiples imágenes fijas en la memoria, se mostrarán todas las imágenes en una presentación de diapositivas.

NOTA

- Las imágenes se muestran en intervalos de 3 minutos como una presentación de diapositivas.
- Cuando el televisor esté en el modo de fondo de pantalla, puede apagarlo manteniendo pulsado **POWER** en el televisor durante 5 segundos.
 - Justo antes de que se apague el televisor, aparecerá brevemente la última imagen que se mostró antes de apagar el televisor.
 - Es posible que sus ajustes no se hayan guardado en algunos casos.

Cuando muestre imágenes utilizando el dispositivo de memoria USB:

- Cree una carpeta con el nombre "WP" en el directorio raíz del dispositivo de memoria USB (el primer directorio que aparece al abrir el dispositivo de memoria USB), y guarde en esa carpeta las imágenes fijas que desee mostrar como fondo de pantalla.
- Debe insertar el dispositivo de memoria USB en el televisor antes de apagar el televisor.
- Si hay imágenes en el dispositivo de memoria USB pero no aparecen en la pantalla, cambie al modo USB y compruebe si los archivos de imagen del dispositivo de memoria USB se muestran correctamente.

Ajuste del temporizador

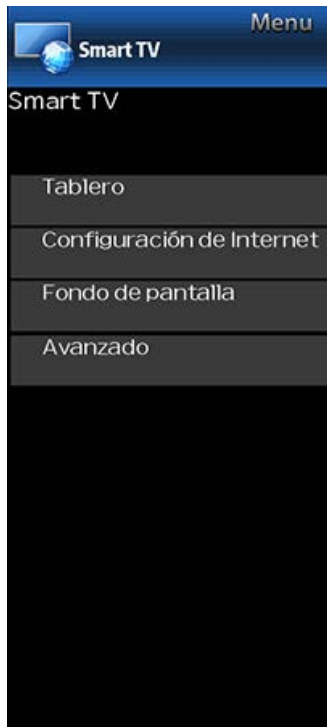
Puede ajustar el tiempo que el televisor seguirá en el modo fondo de pantalla.

3 Horas/6 Horas/12 Horas/24 Horas

NOTA

- No funcionará ningún botón excepto el botón **POWER** aunque todavía se estén mostrando las imágenes fijas.
- Si no se inserta el dispositivo de memoria USB listo para usar, las imágenes fijas preinstaladas en el televisor se mostrarán en una presentación de diapositivas aunque el "Fuente de datos" esté ajustado en "USB".
- Como el dispositivo de memoria USB no se puede detectar inmediatamente después de encender el televisor desde el modo en espera, puede mostrarse el fondo de pantalla preinstalado en el televisor aunque el "Fuente de datos" esté ajustado en "USB".
- Las imágenes fijas se mostrarán hasta que haya transcurrido el tiempo ajustado.

Ejemplo



Smart TV (Continúa)

Avanzado

Ayuda Netflix

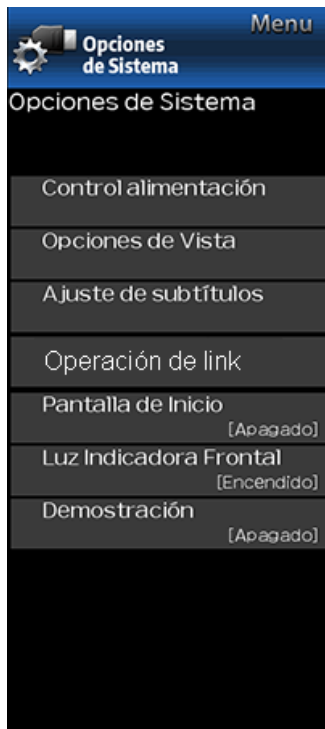
Puede desactivar la función Netflix. Consulte "Smart TV" > "Avanzado" > "Ayuda Netflix" y seleccione "Desactivar".

Ayuda VUDU

Para desactivar la función VUDU consulte "Smart TV" > "Avanzado" > "Ayuda VUDU" y seleccione "Si".

[\(Consulte la página 8-12 a 8-13.\)](#)

Ejemplo



Opciones de Sistema

NOTA

- Para operar el menú en pantalla, [consulte la página 4-3](#).

Control alimentación

El ajuste de control de la alimentación le permite ahorrar energía.

Apagado sin señal

Cuando esta función está activada, el televisor se apaga automáticamente si no recibe ninguna señal durante más de 15 minutos.

NOTA

- 5 minutos antes de apagar, el tiempo restante comenzará a aparecer a cada minuto.
- Cuando termine un programa de TV, esta función tal vez no funcione.

Apagado sin operación

Cuando activa esta función, el televisor se apaga automáticamente si no se realiza ninguna operación durante más de tres horas.

NOTA

- 5 minutos antes de apagar, el tiempo restante comenzará a aparecer a cada minuto.

Opciones de Vista

Modo de Vista

Esta función cambia el tamaño de la pantalla. Seleccione "Opciones de Vista" en el menú para visualizar la pantalla de menú Modo de Vista.

El menú Modo de Vista varía según la fuente de entrada.

Cambiar Audio

MPX

Le permite cambiar el audio cuando se dispone de múltiple audio para el programa que está mirando.

NOTA

- Puede seleccionar Audio pulsando **AUDIO** en el control remoto. [Consulte la página 3-8](#) para detalles de la función **AUDIO**.

Audio solamente

Cuando se escuche un programa de música, podrá apagar la pantalla y disfrutar del sonido solamente.

NOTA

- La imagen en la pantalla regresará a normal cuando se pulse un botón (excepto aquellos para ajuste del audio, como **VOL**, **MUTE**).

Cambiar CC

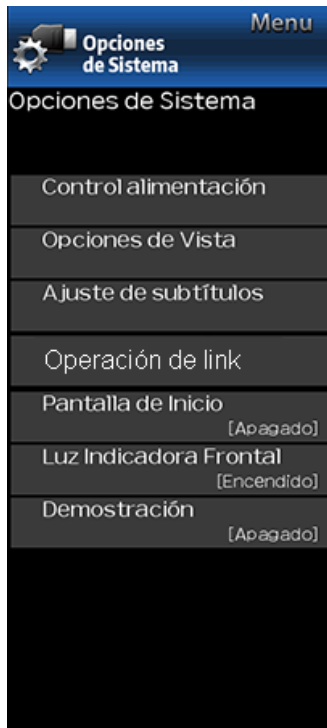
Le permite cambiar la visualización de los subtítulos ocultos. Seleccione "Cambiar CC" en el menú para visualizar la información de los subtítulos ocultos.

- La información exhibida varía según el programa que está mirando.

NOTA

- Puede seleccionar los subtítulos ocultos pulsando **CC** en el control remoto. [Consulte la página 3-12 a 3-13](#) para detalles de la función de los subtítulos ocultos.

Ejemplo



Opciones de Sistema (Continúa)

Ajuste de subtítulos

Esta función le permite ajustar la apariencia en la pantalla de los subtítulos ocultos de forma que se ajusten a su preferencia.

Size/Edge Effect/Edge Color/Text Color/Color de fondo/Text Opacity/Opacidad de fondo

NOTA

- El valor predeterminado depende de la emisora.

Pantalla de Inicio

Con esta función activada, aparecerá el logotipo de SHARP al encender el televisor.

NOTA

- Esta función no está disponible cuando el televisor está ajustado en el "Modo de inicio rápido".

Luz Indicadora Frontal

Cuando esta función está ajustada a "Encendido", el LED en la parte frontal del televisor se prende.

NOTA

- "Encendido" es el valor de fábrica por defecto. Si se desea apagar el LED, ajustar la función a "Apagado".

Demostración

Puede seleccionar la imagen para varios tipos de Modo Demostración.

NOTA

- Los tipos de elementos de ajuste disponibles dependen de su modelo de televisor.
- Esta función se cancelará cuando pulse **EXIT** en el control remoto
- "Demostración" no podrá ser seleccionado dependiendo del tipo de señal de entrada o del estado de la aplicación.
- "Demostración" podrá ser cancelado automáticamente dependiendo del tipo de señal de entrada.

Disfrute con la reproducción de fotos/música/video

Preparación

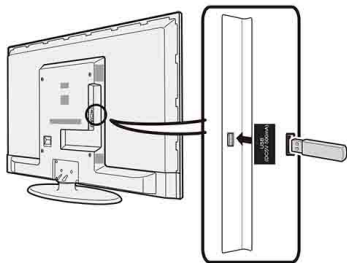
Puede conectar el televisor a un dispositivo de memoria USB, un disco duro USB o un servidor de la Red Casera, para disfrutar viendo imágenes y vídeos y escuchando música.

NOTA

- Dependiendo del dispositivo de memoria USB/disco duro USB/servidor de la Red Casera, el televisor podría no tener la capacidad de reconocer los datos grabados.
- Si su dispositivo de memoria USB/disco duro USB/servidor de la Red Casera contiene demasiados archivos o carpetas, la grabación de datos puede requerir cierto tiempo.
- Use solamente caracteres alfanuméricos para poner nombre a sus archivos.
- Los nombres de archivos de más de 80 caracteres (esto podría variar dependiendo del conjunto de caracteres) podrían no ser desplegados.

Conectar al dispositivo de memoria USB/disco duro USB

Inserte el dispositivo de memoria USB con fotos, música o vídeos grabados dentro del terminal USB en el televisor.



- Al conectar un disco duro USB, asegúrese de utilizar un adaptador CA.
- No remueva un dispositivo de memoria USB o tarjeta de memoria del televisor mientras se estén transfiriendo archivos, usando la función de exhibición de diapositivas o cambiando de pantallas o antes de salir de "USB" desde la Lista de entradas.
- No inserte y remueva un dispositivo de memoria USB/disco duro USB al o del televisor repetidamente.
- Cuando use un lector de tarjetas, asegúrese de insertar un dispositivo de memoria USB primero.

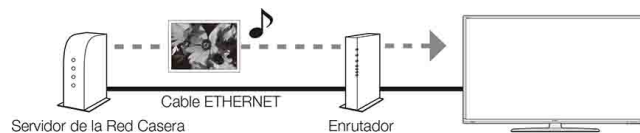
PRECAUCIÓN

- No utilice un cable USB alargador cuando conecte un dispositivo de memoria USB al terminal USB del televisor.
- El utilizar un alargador USB con el dispositivo de memoria USB puede provocar que el televisor no funcione correctamente.

Conectar al servidor de la red casera

Conecte el televisor al servidor de la Red Casera utilizando un cable ETHERNET.

- También es posible conectar un servidor de Red Casera utilizando LAN inalámbrica.



NOTA

- No desconecte el servidor de la Red Casera del televisor mientras se están transfiriendo archivos, cuando la pantalla está cambiando a otra o antes de salir de "Red Casera(DLNA)" desde la Lista de entradas.
- No conecte o desconecte un servidor de la Red Casera desde/al televisor repetidamente.



Seleccionar las carpetas para reproducir

- Para reproducir los datos de un dispositivo de memoria USB, introdúzcalo en el televisor. El modo USB se seleccionará automáticamente. (Vaya al paso 2)
- Siga el siguiente procedimiento para regresar al modo USB después de haber pasado del modo USB a un modo distinto.
 - 1 Seleccione "USB" o "Red Casera(Home Network)" en la pantalla de Lista de entradas.
 - 2 Pulse **▲/▼** (o **◀/▶**) para seleccionar la unidad o el servidor donde desea buscar sus archivos, y luego pulse **ENTER**.
 - Para el modo USB, seleccione la unidad.
 - Si está en el Modo de red casera, seleccione el servidor.
 - 3 Pulse **◀/▶** para seleccionar "Foto", "Música" o "Video", y luego pulse **ENTER**.

Ejemplo



- 4 Pulse **◀/▶** para seleccionar la carpeta deseada, y luego pulse **ENTER**.
- "Modo de Vista" se fija durante el modo de fotos o música. Durante el modo de "Video", puede seleccionar "Auto", "Original" u "Stretch".
 - Durante el "Modo de video" los vídeos que sean menores que el número de píxeles de la pantalla se mostrarán a su tamaño original. En dichos casos, cambie el "Modo de Vista" a "Auto" para que el vídeo llene la pantalla.

NOTA

- Se puede ver la pantalla de medios incluso utilizando la ventana de aplicaciones. Para ver la ventana de aplicaciones, pulse **SMART**.
(Consulte la página 3-6.)
- El número máximo de unidades de USB que es posible mostrar es de 16, y el de servidores de Red Casera, 10.

Compatibilidad del dispositivo USB

Dispositivo USB	Memoria USB, lector de tarjetas USB (Clase de Almacenamiento Masivo), disco duro USB
Sistema de archivos	FAT/FAT32/NTFS (sólo disco duro USB)
Formato de archivo de fotos	JPEG (.jpg) (Cumple con DCF2.0)
Formato de archivo de música	MP3 (.mp3) Velocidad binaria: 32k, 40k, 48k, 56k, 64k, 80k, 96k, 112k, 128k, 160k, 192k, 224k, 256k, 320kbps Frecuencia de muestreo: 32k, 44,1k, 48kHz



Seleccionar las carpetas para reproducir (Continúa)

Formato de archivo de vídeo			
Extensión del archivo	Contenedor	Vídeo	Audio
.avi	AVI	H.264 MPEG4 Motion Jpeg	MP3 Dolby Digital LPCM ADPCM DTS
.mkv	MKV	H.264 MPEG4	MP3 Dolby Digital LPCM ADPCM DTS
.asf .wmv	ASF	MPEG4 VC-1 Windows Media	MP3 Dolby Digital LPCM WMA
.mp4 .mov	MP4 (SMP4)	H.264 MPEG4 Motion Jpeg	MP3 Dolby Digital Dolby Digital Plus AAC
.mpg .mpeg	PS	MPEG2 MPEG1	Dolby Digital MPEG LPCM

NOTA

- No se soportan los archivos jpeg de formato progresivo.
- Dispositivos USB 1.1 podrían no ser reproducidos apropiadamente.
- No se garantiza la operación cuando se usan concentradores USB.
- Es posible que algunos formatos de archivo de vídeo no puedan reproducirse.
- Es posible que algunas imágenes no se muestren con la proporción dimensional adecuada dependiendo del formato del archivo.

Compatibilidad del servidor de red casera

Formato de archivo de fotos	JPEG
Formato de archivo de música	LPCM, MP3
Formato de archivo de vídeo	MPEG2-PS, MPEG2-TS, WMV, ASF, MP4, MOV, AVI

NOTA

- No se soportan los archivos jpeg de formato progresivo.
- Es posible que algunos formatos de archivo de vídeo no puedan reproducirse dependiendo del archivo o del servidor.
- WMV, ASF, MP4, MOV y AVI son contenidos no Red casera.



Reproducir archivos de un dispositivo de memoria USB/servidor de la red casera

NOTA

- Las imágenes de pantallas de esta sección son para el modo USB. Puede ser ligeramente diferente en el modo de Red Casera.

Modo de fotos

Visualización de vistas miniaturizadas

Ejemplo



Botones para visualización de vistas miniaturizadas

Botones	Descripción
▲▼◀▶	Seleccionar el elemento deseado.
ENTER	Al seleccionar un icono de carpeta: Ingresar a este directorio. Al seleccionar una vista miniaturizada de foto: Archivo siguiente
RETURN	Retornar al proceso anterior.
A (rojo)	Borra la pantalla de información de archivos.
B (verde)*	
C (azul)	
D (amarillo)	

*Esta función solo está disponible para el modo USB.

NOTA

- Cuando haya archivos de fotos inválidos, la marca X se visualizará para el archivo (modo USB solamente).
- Segundos después de que el cursor se soloque sobre una miniatura, la información del archivo se visualiza a la derecha del centro de la pantalla.

Reproducir archivos de un dispositivo de memoria USB/servidor de la red casera (Continúa)

Presentación de diapositivas

Las fotos exhibidas en la pantalla de selección de vistas miniaturizadas son exhibidas como una presentación de diapositivas.

Botones para presentación de diapositivas

Botones	Descripción
RETURN	Retornar a la pantalla de selección de vistas miniaturizadas.
B (verde)	Mostrando/ocultando la guía de funcionamiento
C (azul)	Archivo anterior
D (amarillo)	Archivo siguiente

NOTA

- La rotación de fotos solo se aplica al elemento seleccionado temporalmente y esta configuración no es guardada.





Reproducir archivos de un dispositivo de memoria USB/servidor de la red casera (Continúa)

Modo de música

Ejemplo



Botones para el modo de música

Botones	Descripción
▲▼◀▶	Seleccionar el elemento deseado.
ENTER	Al seleccionar un icono de carpeta: Ingresar a este directorio. Al seleccionar un archivo de música: Reproducir música.
RETURN	Retornar al proceso anterior.
A (rojo)	Borrar la pantalla de información de archivos.
B (verde)	
C (azul)	
D (amarillo)*	

*Esta función solo está disponible para el modo USB.

NOTA

- Cuando haya archivos de música inválidos, la marca X será exhibida para el archivo (modo USB solamente).
- El tiempo de reproducción desplegado puede diferir levemente del tiempo de reproducción real dependiendo de los archivos.
- Segundos después de que el cursor se soloque sobre una miniatura, la información del archivo se visualiza a la derecha del centro de la pantalla.

Reproducir archivos de un dispositivo de memoria USB/servidor de la red casera (Continúa)

Modo de vídeo

Ejemplo



Botones para operaciones de selección de archivos

Botones	Descripción
▲▼▶◀	Seleccionar el elemento deseado.
ENTER	Al seleccionar un icono de carpeta: Ingresar a este directorio. Cuando se selecciona un archivo de video: Reproducir el video.
RETURN	Reproducir el video.
A (rojo)	Borra la pantalla de información de archivos.
B (verde)	
C (azul)	
D (amarillo)*	

* Esta función solo está disponible para el modo USB.

NOTA

- Segundos después de que el cursor se soloque sobre una miniatura, la información del archivo se visualiza a la derecha del centro de la pantalla.



Reproducir archivos de un dispositivo de memoria USB/servidor de la red casera (Continúa)

Botones para el modo de reproducción

Botones	Descripción
▲	Avance de marco
▼	Detener reproducción
▶	Avance rápido
◀	Retroceso rápido
A (rojo)	Borrar OSD
B (verde)	Archivo anterior
C (azul)	Mostrar/ocultar guía de funcionamiento
D (amarillo)	Archivo siguiente
RETURN	Volver a la pantalla de selección de archivos.





Reproducción de archivos desde un dispositivo portátil o un PC

Con la función de reproducción remota, puede utilizar su dispositivo portátil para reproducir fotos, vídeo y música en el servidor de la Red Casera.

- (DMR) Para utilizar la función de reproducción remota, su dispositivo portátil debe ser un controlador multimedia digital con certificado DLNA.
- Se requiere un punto de acceso inalámbrico para utilizar un dispositivo portátil.

Configurar red casera

Haga los ajustes para la reproducción remota.

- 1 Pulse **Smart TV** para seleccionar "Smart TV", y luego pulse **ENTER**.
- 2 Pulse **Configuración de Internet** para seleccionar "Configuración de Internet", y luego pulse **ENTER**.
- 3 Pulse **Configurar Red Casera** para seleccionar "Configurar Red Casera", y luego pulse **ENTER**.
- 4 Pulse **Ajuste** para seleccionar el elemento de ajuste específico, y luego pulse **ENTER** para ajustar cada elemento.

Configuración de reproducción de control remoto

Este ajuste permite al televisor realizar la reproducción remota.

Permitido/No permitido

Ajuste de tiempo de espera

Este ajuste establece el tiempo hasta que el televisor vuelve automáticamente al modo de televisión al finalizar la reproducción remota.

10 seg./60 seg./No

NOTA

- Es posible que no se pueda utilizar esta función mientras se esté usando una aplicación de Internet.
- Si desea información sobre los formatos compatibles, consulte "Compatibilidad del servidor de red casera" en la [Consulte la página 6-3](#).

Usando Operación de link

Control de los equipos HDMI usando Operación de link

¿Qué es Operación de link?

- Al usar el protocolo HDMI CEC (Control electrónico de consumidores), con Operación de link usted puede interactivamente operar equipos de sistema compatible (equipo de disco Blu-ray, amplificador AV, DVD).
- Operación de link le permite operar el equipo HDMI conectado con un control remoto.

NOTA

- Para la conexión del televisor a un equipo compatible con LINK, use cables disponibles comercialmente.
- Apunte con el control remoto hacia el TV, no al equipo HDMI conectado.
- Podría presentarse ruido proveniente del vídeo dependiendo del tipo de cable HDMI utilizado. Asegúrese de usar un cable certificado HDMI.
- Se pueden conectar hasta 3 equipos de grabación HDMI y un amplificador AV usando este sistema.
- Estas funciones afectan los equipos HDMI seleccionados como la fuente de entrada actual. Si el equipo no funciona, encienda el equipo y seleccione la fuente de entrada apropiada usando **INPUT**.
- La función LINK tal vez no funcione correctamente cuando un filtro HDMI o un selector AV se usa. Estos dispositivos pueden interrumpir la imagen y/o el sonido.

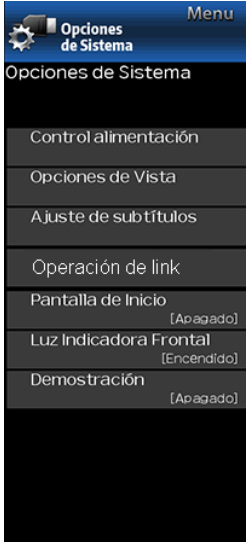
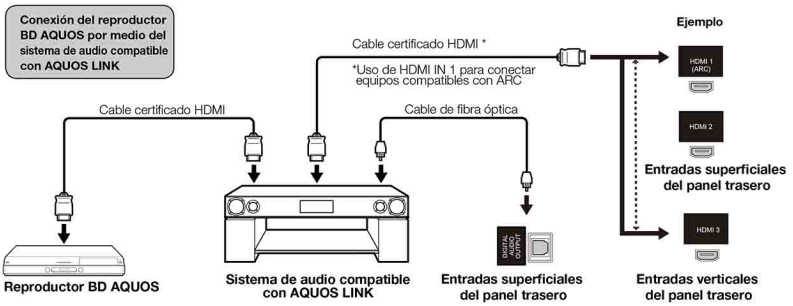
Se pueden operar los dispositivos conectados compatibles con LINK sin cambiar los ajustes del control remoto.

Control de sistema de audio compatible con LINK

Ajusta el volumen del sistema de audio compatible con LINK.

NOTA

- Los pasos descritos en "LINK setup" en la [\(Consulte la página 6-2\)](#) necesitan llevarse a cabo de antemano.
- Consulte este manual de operación y el manual del dispositivo LINK que se va a utilizar con este televisor.





Control de los equipos HDMI usando Operación de link (Continúa)

Ajustes LINK

Haga los ajustes para utilizar Operación de link. Establezca los ajustes con "Configuración Inicial" > "Configuración de Entrada" > "Ajustes LINK".

Link Operation

Seleccione el Control Operación de link para deshabilitar la función LINK aun cuando un dispositivo HDMI compatible con LINK esté conectado al televisor. Esta función evita que el dispositivo comience a operar repentinamente.

Encendido autom.

Si esto se activa, la función de Reproducción con un solo toque se habilitará. Cuando el TV se encuentre en espera, automáticamente se enciende y se reproduce la imagen proveniente de la fuente HDMI.

Canal de Retorno de Audio

Esta función le permite escuchar el audio del TV por medio del equipo de audio sin usar un cable de fibra óptica, el cual se requiere convencionalmente.

Requerimientos para usar un amplificador AV compatible con ARC:

- Amplificador AV compatible con ARC conectado con el terminal HDMI IN compatible con ARC. (HDMI IN) (Consulte los detalles en el manual de operación del equipo compatible con ARC.)
- Uso de un cable compatible con ARC.

Auto: Puede escuchar el audio del TV con un equipo de audio compatible con ARC.

Apagado: No funciona.

NOTA

- Si el audio del TV no se puede obtener desde el amplificador de AV aún después de realizar los ajustes necesarios, conecte el TV al amplificador de AV con un cable de fibra óptica y seleccione "Apagado".



Control de los equipos HDMI usando Operación de link (Continúa)

Reproducción con un solo toque

Operación de link le permite operar el equipo HDMI conectado con un control remoto.

- Pulse ► para iniciar la reproducción de un título.
- Se reproduce el último programa reproducido. Puede usar los siguientes botones cuando se encuentra viendo una emisión.

Botones	Descripción
◀◀	Mantenga pulsado este botón para ir en sentido contrario.
▶▶	Mantenga pulsado este botón para avanzar rápidamente.
■	Detener la reproducción.
◀◀	Al pulsarlo rápidamente una vez se va al principio del capítulo que está siendo reproducido. Cada vez que lo pulse, retrocederá al comienzo del capítulo anterior.
▶▶	Al pulsarlo rápidamente una vez se va al principio del siguiente capítulo. Cada vez que lo pulse, avanzará al comienzo del siguiente capítulo.

NOTA

- Los botones ◀◀/▶▶ no funcionan con los siguientes reproductores de disco Blu-ray disponibles actualmente.
 - BD-HP20U, BD-HP50U



Menú Operación de link

Mostrar Menú de Inicio

Puede abrir un menú de ajustes desde el equipo compatible con LINK conectado.

NOTA

- En función del estado del equipo (en grabación o en modo de espera, etc.), no se mostrará el menú de ajustes.

Salida de Audio del dispositivo

Puede seleccionar para escuchar el sonido de la televisión solo desde el sistema de audio compatible con LINK.

A través de AQUOS Audio SP: El sonido del altavoz de la televisión es silenciado, y solo será audible el sonido proveniente del sistema de audio compatible con LINK.

- Puede utilizar **VOL+/-** y **MUTE**.

A través de AQUOS SP: El sonido se transmite desde el altavoz de la televisión.

Selección del dispositivo HDMI

Si hay varios dispositivos HDMI conectados en cadena, puede especificar qué dispositivo quiere controlar aquí. Pulse **▲/▼** para seleccionar el dispositivo deseado de una lista de dispositivos HDMI conectados, y luego pulse **ENTER**.

Ajustes LINK

También puede ver la pantalla de ajustes LINK desde el menú Operación de link.

Ajuste de la imagen de PC

Puede ajustar la posición de la entrada de imagen desde un PC con "Configuración Inicial" > "Configuración de Entrada" > "Sinc. fino".

Sinc. fino

Normalmente, utilizando "Sinc. auto.", usted puede ajustar fácilmente la imagen según sea necesario para cambiar su posición. Sin embargo, en algunos casos, para optimizar la imagen será necesario hacer el ajuste manual.

Input Signal: Seleccione la señal de entrada.

1024x768

1360 x 768

Sinc. auto.: Para ajustar automáticamente la imagen de PC.

Si: La sincronización automática empieza y se visualiza "Ajuste de la imagen".

No: No se realiza esta función.

Pos. H.: Centra la imagen moviéndola hacia la derecha o hacia la izquierda.

Pos. V.: Centra la imagen moviéndola hacia arriba o hacia abajo.

Reloj: Ajuste cuando la imagen parpadea con franjas verticales.

Fase: Ajuste cuando los caracteres tienen un contraste bajo o cuando la imagen parpadea.

NOTA

- Cuando "Sinc. auto." se realiza con éxito, se visualiza "Sincronización automática terminada con éxito.". Si no, "Sinc. auto." habrá fallado.
- "Sinc. auto." puede fallar aunque se visualiza "Sincronización automática terminada con éxito."
- "Sinc. auto." puede fallar si la imagen del PC tiene una resolución baja, tiene bordes poco claros (negros) o se mueve mientras "Sinc. auto." se ejecuta.
- Asegúrese de conectar el PC al televisor y encenderlo antes de iniciar "Sinc. auto."
- Para reponer todos los elementos de ajuste "Sinc. fino" a los valores preajustados en fábrica, pulse **▲▼** para seleccionar "Reiniciar", y luego pulse **ENTER**.
- No es necesario ajustar el "Reloj" o la "Fase" cuando se introduce una señal digital, por tanto no puede seleccionarse.
- La posición predeterminada del cursor podría no ser en el centro debido a que la gama variable de la posición de la pantalla podría ser asimétrica.
- Los rangos variables de posición de la pantalla dependen del Modo de Vista o del tipo de señal. Los rangos pueden visualizarse en la pantalla de ajuste de posición.

Ajuste de la entrada de audio

Selección Audio

Esta función establece el terminal que va dar salida al audio del computador. Los elementos de ajuste varían según la fuente de entrada. Seleccione la fuente de entrada correspondiente al terminal conectado al PC y luego ajuste el elemento deseado. Para realizar la operación, consulte "Configuración Inicial" > "Configuración de Entrada" > "Selección Audio".

HDMI 2

HDMI(Digital): Seleccione esto cuando el TV y el PC están conectados usando un cable certificado HDMI y la entrada de audio se realiza por medio del mismo cable.

HDMI+Análogo: Seleccione esto cuando el TV y el PC están conectados usando un cable de conversión de DVI-HDMI y la entrada de audio se realiza por medio de un miniconector estéreo de 3,5 mm ø.

NOTA

- Cuando "Selección Audio" se establece en "HDMI(Digital)", no se obtendrá sonido si solo utiliza un cable certificado HDMI para conectar con el equipo compatible con HDMI. Para obtener sonido debe realizar una conexión analógica de audio.
- Si desea conectar un equipo compatible con HDMI utilizando solo un cable certificado HDMI, establezca "Selección Audio" en "HDMI(Digital)".

Control del televisor

- El televisor puede controlarse desde un PC, los paneles de control y otros dispositivos utilizando el IP.
- Utilice un cable ETHERNET de tipo cruzado (de venta en el comercio) o una LAN inalámbrica para las conexiones.

NOTA

- Este sistema de operación deberá ser utilizado por una persona acostumbrada a utilizar PCs.

Ajustes detallados

Ajuste los datos (nombre de usuario, contraseña de acceso, etc.).
Siga las instrucciones en pantalla para configurar los ajustes.

Selecc. nom. de disp.

Ajuste el nombre del televisor que se muestra en otros dispositivos de la red.

- Utilice el teclado de software para ajustar el nombre.

Condiciones de comunicación para IP

Conéctese al televisor después de hacer los siguientes ajustes de IP en el PC.

Protocolo IP:	TCP/IP
Dirección IP de host:	Ajuste la dirección IP en el menú del televisor
Servicio:	Ninguno (No seleccione Telnet ni SSH)
N.º de puerto TCP:	Ajuste un número de puerto en el menú del televisor (puerto de control)

Cuando establezca su nombre de usuario y contraseña en el menú del televisor, deberá escribirlos en cuanto se conecte al televisor.

NOTA

- Cuando utilice esta función, haga los ajustes de "Control Remoto AQUOS".
- La conexión se cortará cuando no haya habido comunicación durante 3 minutos.

Procedimiento de comunicación

Envíe los comandos de control desde el PC vía IP. El televisor funciona según el comando recibido y envía un mensaje de respuesta al PC.

No envíe múltiples comandos al mismo tiempo.

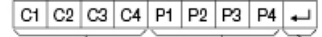
Espere a que el PC reciba la respuesta de que todo está bien antes de enviar el siguiente comando.

Uso de un PC

Control del televisor (Continúa)

Formato de comando

Ocho códigos ASCII + CR



Comando de 4 dígitos: Parámetro de 4 dígitos Código de retorno

Comando de 4 dígitos: Comando. El texto de cuatro caracteres.

Parámetro de 4 dígitos: Parámetro 0-9, x, en blanco, ?

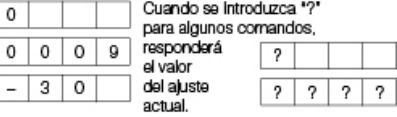
Parámetro

Introduzca los valores de los parámetros, alineando a la izquierda, y rellene el resto con espacios en blanco. (Asegúrese de introducir cuatro valores para el parámetro.)

Cuando el parámetro de entrada no se encuentre dentro de la gama ajustable retornará "ERR".

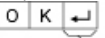
(Consulte "Formato de código de respuesta".)

Cualquier valor numérico puede ser reemplazado por una "x" en la tabla.



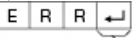
Formato de código de respuesta

Respuesta normal



Código de retorno (ODH)

Respuesta al problema (error de comunicación o comando incorrecto)



Código de retorno (ODH)

Tabla de comandos

• Los comandos que no se indican aquí no garantizan la operación.

ELEMENTO DE CONTROL		COMANDO				PARÁMETRO				CONTENIDO DE CONTROL	
AJUSTE DE LA ORDEN DE ENCENDIDO		R	S	P	W	0	_	_	_	Apagado	La orden de encendido ha sido rechazada.
						2	_	_	_	Encendido [IP]	La orden de encendido ha sido aceptada.
AJUSTE DE LA ALIMENTACIÓN		P	O	W	R	0	_	_	_	Alimentación desactivada	Cambia a espera.
						1	_	_	_	Alimentación activada	Alimentación activada
SELECCIÓN DE ENTRADA	CONMUTACIÓN	I	T	G	D	x	_	_	_	(CONMUTACIÓN)	Introduce-cambia mediante conmutación. (Lo mismo que una tecla de cambio de entrada.)
	TELEVISOR	I	T	V	D	0	_	_	_		Introduce-cambia a televisor. [Un canal permanece como está. (Memoria del último canal)]
	1-8	I	A	V	D	*	_	_	_	1: HDMI IN 1, 2: HDMI IN 2, 3: HDMI IN 3, 5: COMPONENT IN, 6: VIDEO IN 1, 8: PC IN>	

NOTA

- Si aparece un subrayado (_) en la columna de los parámetros, introduzca un espacio.
- Si aparece un asterisco (*), introduzca un valor dentro de la gama indicada entre paréntesis bajo CONTENIDO DE CONTROL.
- Siempre que el parámetro (x) de la tabla sea un valor numérico, éste puede escribir cualquier cosa.

Uso de un PC

Control del televisor (Continúa)

ELEMENTO DE CONTROL		COMANDO				PARÁMETRO				CONTENIDO DE CONTROL	
SELECCIÓN DE MODO AV		A	V	M	D	*	*	*	-	0: (CONMUTACIÓN), 1: ESTÁNDAR (ENERGY STAR), 2: PELICULA, 4: USUARIO, 5: DINÁMICO(Fijo), 6: DINÁMICO	Aunque se puede elegir ahora, es una operación de conmutación en el interior.
VOLUMEN		V	O	L	M	*	*	*	-	VOLUMEN (0-100)	
POSICIÓN	POSICIÓN H	H	P	O	S	*	*	*	-		Los rangos variables de posición de la pantalla dependen del Modo de Vista o del tipo de señal.
	POSICIÓN V	V	P	O	S	*	*	*	-		
	RELOJ	C	L	C	K	*	*	*	-	Modo PC solamente (0-180)	
	FASE	P	H	S	E	*	*	-	-	Modo PC solamente (0-40)	

ELEMENTO DE CONTROL	COMANDO				PARÁMETRO				CONTENIDO DE CONTROL		
	W	I	D	E	*	*	-	-			
MODO DE VISTA										0: (CONMUTACIÓN) [AV], 1: Barra Lateral [AV], 2: Alarga.S [AV], 3: Zoom [AV], 4: Alarga. [AV, USB-Vídeo, Vídeo de red casera o Aplicaciones de Internet], 5: Normal [PC], 6: Zoom [PC], 7: Alarga. [PC], 8: Punto x punto [PC] [AV], 9: Pantalla Completa [AV], 10: Auto [USB-Vídeo, USB-foto, Vídeo de red casera, foto o Aplicaciones de Internet], 11: Original [USB-Vídeo, USB-foto, Vídeo de red casera, foto o Aplicaciones de Internet]	0: Aunque se puede elegir ahora, es una operación de conmutación en el interior. 1: Disponible solamente cuando está introduciéndose señal 4:3. 5, 6: Disponible solamente cuando está introduciéndose señal 4:3. 8: [PC] Disponible excepto cuando está introduciéndose UXGA. [AV] Disponible solamente cuando está introduciéndose 1080i/p. 9: Disponible solamente cuando está introduciéndose 720p. 10, 11: Disponible cuando se utiliza USB-Vídeo, USB-foto, Vídeo de red casera, foto o aplicación de Internet.
SILENCIAMIENTO	M	U	T	E	*	-	-	-		0: (CONMUTACIÓN), 1: Encendido, 2: Apagado	

- NOTA**
- Si aparece un subrayado (_) en la columna de los parámetros, introduzca un espacio.
 - Si aparece un asterisco (*), introduzca un valor dentro de la gama indicada entre paréntesis bajo CONTENIDO DE CONTROL.
 - Siempre que el parámetro (x) de la tabla sea un valor numérico, éste puede escribir cualquier cosa.

Control del televisor (Continúa)

ELEMENTO DE CONTROL	COMANDO				PARÁMETRO				CONTENIDO DE CONTROL	
SONIDO AMBIENTAL	A	C	S	U	*	-	-	-	0: (CONMUTACIÓN), 1: Encendido, 2: Apagado	
SELECCIÓN DE AUDIO	A	C	H	A	x	-	-	-	(CONMUTACIÓN)	
TEMPORIZADOR DE APAGADO	O	F	T	M	*	-	-	-	0: Apagado, 1: TEMPORIZADOR DE APAGADO – 30 m, 2: TEMPORIZADOR DE APAGADO – 60 m, 3: TEMPORIZADOR DE APAGADO – 90 m, 4: TEMPORIZADOR DE APAGADO – 120 m	

ELEMENTO DE CONTROL		COMANDO				PARÁMETRO				CONTENIDO DE CONTROL		
CANAL	CANAL DIRECTO (ANALÓGICO)	D	C	C	H	*	*	*	*	-	El número del canal del televisor (1-135)	Se incluye un cambio de entrada si no es visualización del televisor. Emisión del aire, son efectivos los canales 2-69. Emisión por cable, son efectivos los canales 1-135.
	CANAL DIRECTO (DIGITAL)	D	A	2	P	*	*	*	*	-	(0100-9999)	DIGITAL Ant. (números de dos partes, 2 dígitos más 2 dígitos)
		D	C	2	U	*	*	*	*	-	(1-999)	DIGITAL Cable (números de dos partes, 3 dígitos más 3 dígitos) Mitad delantera de DIGITAL CABLE CHANNEL NO. (Designación de canal principal)
		D	C	2	L	*	*	*	*	-	(0-999)	DIGITAL Cable (números de dos partes, 3 dígitos más 3 dígitos) Mitad trasera de DIGITAL CABLE CHANNEL NO. (Designación de canal secundario)

NOTA

- Si aparece un subrayado (_) en la columna de los parámetros, introduzca un espacio.
- Si aparece un asterisco (*), introduzca un valor dentro de la gama indicada entre paréntesis bajo CONTENIDO DE CONTROL.
- Siempre que el parámetro (x) de la tabla sea un valor numérico, éste puede escribir cualquier cosa.

Control del televisor (Continúa)

ELEMENTO DE CONTROL		COMANDO				PARÁMETRO				CONTENIDO DE CONTROL	
CANAL	CANAL DIRECTO (DIGITAL)	D	C	1	0	*	*	*	*	(0-9999)	DIGITAL Cable (números de una parte, 5 dígitos, menos de 10.000)
		D	C	1	1	*	*	*	*	(0-6383)	DIGITAL Cable (números de una parte, 5 dígitos, más de 10.000)
	CANAL SUPERIOR	C	H	U	P	x	-	-	-	El número del canal del televisor +1	Si no es visualización del televisor, se introducirá-cambiará a televisor. (las mismas funciones que CH ↗)
	CANAL INFERIOR	C	H	D	W	x	-	-	-	El número del canal del televisor -1	Si no es visualización del televisor, se introducirá-cambiará a televisor. (las mismas funciones que CH ↘)
CC	C	L	C	P	x	-	-	-	(CONMUTACIÓN)	Operación de conmutación de un subtítulo oculto.	
NOMBRE DEL DISPOSITIVO	T	V	N	M	1	-	-	-		Se muestra el nombre del dispositivo establecido en "Selecc. nom. de disp".	
NOMBRE DEL MODELO	M	N	R	D	1	-	-	-		El nombre del modelo del televisor	

ELEMENTO DE CONTROL	COMANDO				PARÁMETRO				CONTENIDO DE CONTROL	
VERSIÓN DE SOFTWARE	S	W	V	N	1	-	-	-		Se muestra la versión actual del software del televisor.
VERSIÓN DEL PROTOCOLO IP	I	P	P	V	1	-	-	-		Se muestra la versión del protocolo IP compatible actualmente.

NOTA

- Si aparece un subrayado (_) en la columna de los parámetros, introduzca un espacio.
- Si aparece un asterisco (*), introduzca un valor dentro de la gama indicada entre paréntesis bajo CONTENIDO DE CONTROL.
- Siempre que el parámetro (x) de la tabla sea un valor numérico, éste puede escribir cualquier cosa.

Control del televisor (Continúa)

ELEMENTO DE CONTROL	COMANDO				PARÁMETRO				CONTENIDO DE CONTROL
	R	C	K	Y	*	*	-	-	
BOTONES DEL CONTROL REMOTO	R	C	K	Y	*	*	-	-	0-10: 0-9, 11: DOT, 12: ENT, 13: POWER, 14: DISPLAY, 15:  , 16:  , 17:  , 18:  , 19:  , 20:  , 21: SLEEP, 22: CC, 23: AV MODE, 24: VIEW MODE, 25: FLASH BACK, 26: MUTE, 27: VOL -, 28: VOL +, 29: CH  , 30: CH  , 31: INPUT, 32: MENU, 33: SMART, 34: ENTER, 35:  , 36:  , 37:  , 38:  , 39: RETURN, 40: EXIT, 41: FAV CH, 42: AUDIO, 43: A (rojo)

ELEMENTO DE CONTROL	COMANDO				PARÁMETRO				CONTENIDO DE CONTROL	
	R	C	K	Y	*	*	-	-		
BOTONES DEL CONTROL REMOTO					*	*	-	-	44: B (verde), 45: C (azul), 46: D (amarillo), 47: FREEZE, 48: FAV APP 1, 49: FAV APP 2, 50: FAV APP 3, 51: NETFLIX, 52: E-MANU	

NOTA

- Si aparece un subrayado (_) en la columna de los parámetros, introduzca un espacio.
- Si aparece un asterisco (*), introduzca un valor dentro de la gama indicada entre paréntesis bajo CONTENIDO DE CONTROL.
- Siempre que el parámetro (x) de la tabla sea un valor numérico, éste puede escribir cualquier cosa.

Uso de un PC

Tabla de compatibilidad con PC

Es necesario ajustar correctamente el PC para visualizar señal XGA y WXGA.

Resolución		Frecuencia horizontal	Frecuencia vertical	Estándar VESA
VGA	720 x 400	31.5 kHz	70 Hz	—
	640 x 480	31.5 kHz	60 Hz	○
		37.9 kHz	72 Hz	○
		37.5 kHz	75 Hz	○
SVGA	800 x 600	35.1 kHz	56 Hz	○
		37.9 kHz	60 Hz	○
		48.1 kHz	72 Hz	○
		46.9 kHz	75 Hz	○
XGA	1024 x 768	48.4 kHz	60 Hz	○
		56.5 kHz	70 Hz	○
		60.0 kHz	75 Hz	○
WXGA	1360 x 768	47.7 kHz	60 Hz	○
SXGA	1280 x 1024	64.0 kHz	60 Hz	○
SXGA+	1400 x 1050	65.3 kHz	60 Hz	○
UXGA	1600 x 1200	75.0 kHz	60 Hz	○
1080p	1920 x 1080	67.5 kHz	60 Hz	—

VGA y XGA son marcas registradas de International Business Machines Corp.

Para utilizar Internet

Conectando su televisor a un sistema de banda ancha puede acceder a Internet a través del televisor.

- Puede disfrutar de una gran variedad de contenido y aplicaciones de Internet.

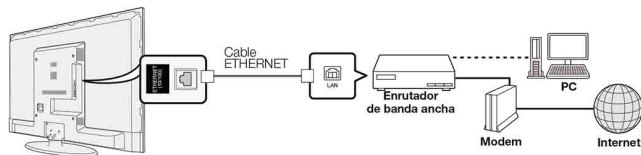
[\(Consulte la páginas 8-12 a 8-13.\)](#)

Conexión a Internet

- Para conectar su televisor con Internet debe contar con una conexión de banda ancha a Internet.
- Si no tiene una conexión de banda ancha a Internet, consulte con el comercio en el que ha adquirido su televisor o pregunte a su proveedor de servicios de telefonía.
- Cuando se establece una conexión de Internet, no se pueden utilizar una conexión Ethernet y una inalámbrica al mismo tiempo. Utilice sólo uno de los tipos de conexión.

Uso de un cable ETHERNET

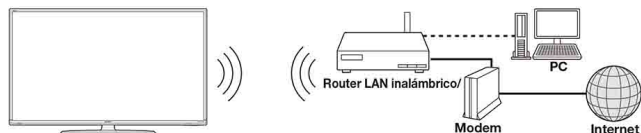
Utilice un cable ETHERNET (de venta en el comercio) para conectar el terminal ETHERNET del televisor a su enrutador de banda ancha (de venta en el comercio).



Utilizar el LAN inalámbrico

Este televisor está equipado con una función LAN inalámbrica.

Para efectuar una conexión LAN inalámbrica, debe utilizar "Ajustes Inalámbricos" para conectar el punto de acceso y el televisor.



NOTA

- Este televisor tiene una función LAN inalámbrica incorporada. La utilización de un adaptador LAN USB inalámbrico distinto puede ocasionar que las comunicaciones de radio no cumplan con las normas establecidas. Por lo tanto, no utilice un adaptador LAN inalámbrico distinto.
- No se puede garantizar la conexión LAN inalámbrica ni su rendimiento en todos los entornos residenciales. En los siguientes casos, es posible que la señal LAN inalámbrica sea débil o no haya señal, o puede reducirse la velocidad de conexión.
 - Cuando se utiliza en edificios de hormigón, acero reforzado o metal
 - Cuando se coloca cerca de objetos que obstruyen la señal
 - Cuando se utiliza con otros dispositivos inalámbricos que emiten la misma frecuencia
 - Cuando se utiliza en las proximidades de hornos microondas y otros dispositivos que emiten un campo magnético, carga electrostática o interferencias electromagnéticas
- Cuando hay interferencias significativas en la frecuencia de 2,4 GHz (como por ejemplo otros dispositivos LAN inalámbricos, dispositivos Bluetooth®, teléfonos inalámbricos de 2,4 GHz y hornos microondas), se recomienda utilizar un router LAN inalámbrico/punto de acceso que sea compatible con IEEE802.11a/n (5 GHz) y ajustar el punto de acceso para transmitir a 5 GHz. Consulte el manual de operación de su punto de acceso para obtener información detallada sobre la configuración.

Configuración de Internet

Siga el procedimiento siguiente para hacer ajustes o para confirmar los ajustes para acceder a Internet.

- 1 Pulse **MENU** para visualizar la pantalla MENU, y luego pulse **ENTER**.
- 2 Pulse **◀▶** para seleccionar "Smart TV", y luego pulse **ENTER**.
- 3 Pulse **▲▼** para seleccionar "Configuración de Internet", y luego pulse **ENTER**.
- 4 Pulse **▲▼** para seleccionar "Tipo de conexión", "Wired Setup" o "Wireless Setup", y luego pulse **ENTER**.
 - Seleccione "Wired Setup" o "Wireless Setup" cuando haga ajustes generales para conectarse a Internet.
- 5 Pulse **▲▼** para seleccionar un elemento de ajuste específico, y luego pulse **ENTER**.
- 6 Pulse **▲▼** (o **◀▶**) para seleccionar el ajuste deseado, y luego pulse **ENTER**.
- 7 Pulse **MENU** para salir.

Tipo de conexión

Seleccione el tipo de conexión.

Alámbrico: Se detecta la señal y la configuración se realiza automáticamente. Utilice "Ajustes IP" para comprobar y cambiar los ajustes si es necesario.

Inalámbrico: Configure los ajustes del punto de acceso en "Ajustes Inalámbricos".





Configuración de Internet (Continúa)

Ajustes Inalámbricos

Haga ajustes y confirme los ajustes necesarios para la conexión a la LAN inalámbrica (por ejemplo, búsqueda del punto de acceso y registro del mismo).

Presione el botón WPS: Permite al televisor establecer automáticamente la conexión utilizando un botón en el punto de acceso.

Código NIP WPS: Configura la conexión para registrar un código PIN para el punto de acceso.

Seleccionando red inalámbrica: Busca y selecciona el punto de acceso que se va a conectar.

Registrando red inalámbrica: Le permite hacer la conexión introduciendo una SSID para el punto de acceso.

Si su punto de acceso es compatible con la configuración protegida Wi-Fi (método WPS pulsador), se recomienda el uso de esta función para la conexión inalámbrica. Puede pulsar el botón WPS en el punto de acceso para configurar los ajustes automáticamente.

- El nombre de la función del botón WPS puede variar según el punto de acceso. Consulte el manual de operación del punto de acceso para obtener información detallada.

1 Confirme los ajustes actuales en "Tipo de Conexión".

- Si está seleccionada la opción "Alámbrico", pulse ◀ para seleccionar "Inalámbrico".

2 Pulse ▲/▼ para seleccionar "Ajustes Inalámbricos", y luego pulse **ENTER**.

- Confirme los ajustes. Si cada uno de los ajustes es correcto, pulse **MENU** para salir.

- Si está realizando la configuración inalámbrica por primera vez o está cambiando los ajustes, vaya al paso 3.

3 Pulse ◀/▶ para seleccionar "Cambiar", y luego pulse **ENTER**.

4 Seleccione el método de conexión deseado y siga las instrucciones que aparecen en la pantalla.

5 Cuando se establece una conexión, se muestran los detalles de la conexión. Pulse **ENTER**.

NOTA

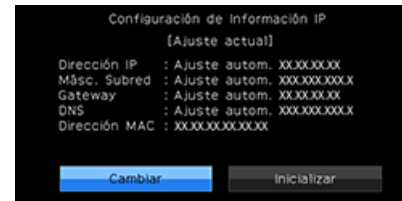
- No se puede garantizar el funcionamiento correcto cuando se utiliza con puntos de acceso que no tienen certificación Wi-Fi®.
- Es necesario un router LAN inalámbrico/punto de acceso para conectar el televisor a Internet mediante una LAN inalámbrica. Consulte el manual de operación de su punto de acceso para obtener información sobre la configuración.
- Si su punto de acceso está en un modo invisible (que impide la detección por parte de otros dispositivos), es posible que no pueda establecer una conexión. En este caso, desactive el modo invisible en el punto de acceso.
- Es necesaria una velocidad de conexión estable para reproducir contenido en streaming. Utilice una conexión Ethernet si la velocidad de la LAN inalámbrica es inestable.
- Antes de transferir el adaptador a terceros o desecharlo, asegúrese de restablecer los valores iniciales de la LAN inalámbrica.
- Respete la legislación de su país cuando utilice la LAN inalámbrica en exteriores.

Ajustes IP

Puede hacer ajustes manualmente para la IP.

- Compruebe que para cada ajuste se muestran los correspondientes números.
- Si hay algún ajuste sin números, especifique los números siguiendo las instrucciones que se le muestran en pantalla.
- Introduzca la dirección IP utilizando los botones del control remoto 0-9.

Ejemplo



Configuración de Internet (Continúa)

Prueba de conexión

Al finalizar los procedimientos de conexión y ajuste, puede comprobar que la preparación es correcta. Pulse "Sí" para iniciar la "Prueba de conexión".

- Cuando aparezcan los resultados de la prueba, siga las instrucciones que aparecen en pantalla.



Para introducir texto (Teclado virtual en pantalla)

Cuando está rellenando una pantalla de entrada o especificando los ajustes de red utilizados para acceder a Internet, introduzca texto utilizando el teclado virtual de la pantalla.

NOTA

- Puede introducir hasta 128 caracteres para el texto.
- Dependiendo de dónde se introduzca el texto, los signos de puntuación y caracteres especiales no estarán disponibles.

El texto que introduce se visualiza conforme lo teclea.

Para mover el cursor (la posición actual de entrada) utilice "<<" o ">>" en el teclado virtual.

Clear	http://	www.	.com	.org	.cn	Close						
English	1	2	3	4	5	6	7	8	9	0	Enter	
CapsLock	Q	W	E	R	T	Y	U	I	O	P	Space	
<<	>>	A	S	D	F	G	H	J	K	L	/	Symbol
BackSpace	Z	X	C	V	B	N	M	.	1/1	Delete		

Mientras introduce texto se muestran candidatos similares a lo que está tecleando.

CapsLock

Si "alfabeto" está seleccionado, esta tecla cambia de

mayúsculas a

minúsculas y viceversa.

Cada vez que pulsa **ENTER**, el tipo de caracteres cambia.

Symbol

Pulse **ENTER** para seleccionar el tipo de caracteres que se introducen: alfabeto o signo.

BackSpace/Borrar

Borra texto, un carácter cada vez que se pulsa.





Para introducir texto (Teclado virtual en pantalla) (Continúa)

Terminado

Aplica la información introducida y cierra el teclado virtual.

Espacio

Introduce un espacio.


Eliminar

Borra la cadena de caracteres.


- Cuando el cursor está en algún punto de una línea: se borra la cadena de caracteres a la derecha del cursor.
- Cuando el cursor está en el extremo derecho de una línea: se borrará la línea entera.

Close

Cierra el teclado virtual sin aplicar los datos introducidos.

Botones en el control remoto	Descripción
	Mueve el enfoque. Cuando se mueve a un extremo, el enfoque se mueve la extremo opuesto.
ENTER	Realiza la acción correspondiente al botón que está seleccionado actualmente.
EXIT	Cierra el teclado virtual sin aplicar los datos de entrada.
RETURN	
0-9	Introduce directamente el número, como un único byte, correspondiente a ese botón.


Uso del navegador

1 Pulse **SMART**, pulse  para seleccionar el icono de navegador en la ventana de aplicaciones y luego pulse **ENTER**.

- Pulse de nuevo **SMART** para cambiar al canal que está actualmente sintonizado.

Botones para la Uso del navegador

ENTER, 

- Pulse  para seleccionar un enlace al que quiere saltar, y luego pulse **ENTER**.

EXIT

- Pulse este botón para volver a la pantalla de televisista.

RETURN

- Pulse este botón para volver a la página anterior.

NOTA

- Se aplican las restricciones de visualización de ventanas.










Uso del navegador (Continúa)

En las páginas con protección de seguridad aparecerá "🔒".




Barra de herramientas

Elemento seleccionado	Descripción
	La permite volver a la página anterior.
	La permite ir a la página siguiente.
	Recarga la página. Interrumpe la recepción de una página.
	Muestra la página de inicio. Puede establecer la página que se muestra como su página de inicio cuando arranca el navegador. (Consulte la página 8-7.)

Elemento seleccionado	Descripción
	Muestra la lista de marcadores.
	Muestra su historial de navegación.
	Configura los ajustes del navegador, como por ejemplo su página de inicio y la seguridad de navegación.


Uso de la barra de herramientas

Puede utilizar la barra de herramientas para controlar el navegador y para especificar ajustes.

Pulse  para seleccionar una función, y luego pulse **ENTER**.

Navegación por los contenidos web

Puede visualizar el contenido web que desee disfrutar.

- 1 Pulse  para ir a la zona de dirección de la barra de herramientas, y luego pulse **ENTER**.
 - Aparecerá el menú Introducir dirección.
- 2 Introduzca una dirección, y luego pulse **ENTER**.
 - Se mostrará el contenido web que desee visualizar.





Uso del navegador (Continúa)

PRECAUCIÓN

- Si se produce una caída de tensión o el televisor se desenchufa cuando usted está utilizando Internet, puede que alguna información, como marcas o cookies, no se almacene correctamente.

NOTA

Cuando se muestre una ventana de aviso de seguridad:

- Pulse **ENTER** para cerrar la ventana.
- Esta ventana aparece cuando visita una página Web que tiene una protección de seguridad, o cuando pasa de una página protegida a otra no protegida.
- En "Seguridad" puede establecer si desea que se muestre esta ventana o no.

Para usuarios que acceden a Internet desde un PC

- Cuando accede a Internet a través de este televisor, los procedimientos pueden no ser los mismos que se siguen en un navegador normal de PC.
- Es posible que en algunas páginas no se muestren el video, el audio, el texto o las imágenes correctamente.

Sobre los enlaces

- Las páginas Web de Internet incluyen con frecuencia "enlaces" que le permiten saltar a otras páginas Web (o sitios Web).
- Los enlaces pueden tomar distintas formas, incluyendo palabras o imágenes, pero funcionan siempre de la misma manera, permitiéndole saltar al destino del enlace cuando los selecciona.
- Algunos elementos seleccionados (como los cuadros de entrada de datos) se encierran en un marco.
- Puede saltar de un enlace a su destino correspondiente.

DESCARGO DE RESPONSABILIDAD

SHARP Corporation no admite ninguna responsabilidad con respecto a los contenidos y la calidad de los contenidos suministrados por el proveedor del servidor de contenidos.



Uso del navegador (Continúa)

Configuración del navegador

Puede comprobar o modificar la configuración del navegador desde el menú del navegador.

- 1 Pulse para seleccionar " "n la barra de herramientas, y luego pulse **ENTER**.
- 2 Pulse para seleccionar y confirmar el elemento que quiere modificar.
- 3 Pulse para especificar el valor que desee para ese elemento, y luego pulse **ENTER**.

Página de inicio: Puede establecer la página que se muestra como su página de inicio cuando arranca el navegador.

Codificación: Puede seleccionar la codificación de caracteres deseada entre las opciones siguientes:
Occidental (ISO-8859-1)/Unicode (UTF-8)

Inform. página: Muestra información sobre la página que se está mostrando actualmente.

Seguridad:

Sitios seguros:

Cuando el ajuste es "Desactivado", no es posible acceder a los sitios HTTPS.

Advertencias de seguridad:

Cuando el ajuste es "Activado", aparecerán diálogos de advertencia cuando se pasa de HTTP \leftrightarrow HTTPS.

Certificados: Muestra la lista de certificados. Puede elegir activar/desactivar un certificado.

- Los certificados desactivados se muestran sin marca de verificación en la pantalla de la lista de certificados.

Cookies:

Aceptar todo: Seleccione esta opción para aceptar todas las cookies.

Rechazar todo: Seleccione esta opción cuando no desea aceptar cookies.

Borrar todas las cookies: Borra todas las cookies almacenadas.

Uso del teclado y el ratón

Puede utilizar un teclado o un ratón para manejar el televisor mientras utiliza el navegador.

- Cuando utilice dispositivos USB, conecte el dispositivo al terminal USB del televisor.

NOTA

- El teclado y el ratón solo se pueden utilizar en una pantalla de navegador.
Es posible que el teclado o el ratón no funcionen correctamente según la aplicación que se esté utilizando.





Utilizar aplicaciones a través de Internet

Conectando el televisor a Internet puede disfrutar de una gran variedad de contenido de banda ancha, incluyendo videos, música y fotografías.

Verifique que se haya cargado el software más actual en el TV seleccionando "Actualización de software En Información"
<http://www.sharpusa.com/products/support/>
para verificar si hay una descarga de la versión de software más nueva.

Utilice la ventana de aplicaciones para acceder a sus aplicaciones de Internet favoritas. Pulse **SmartCentral** para mostrar la ventana de aplicaciones.

Siga las instrucciones que aparecen en pantalla para cada aplicación.

- Cuando utilice este televisor para acceder a una aplicación de Internet por primera vez, aparecerá en pantalla el aviso de exención de responsabilidad. Pulse **▲▼** para seleccionar "Agree", y luego pulse **ENTER**. (Debe seleccionar "Agree" para utilizar la aplicación.)
- Consulte el sitio Web del proveedor para obtener información detallada acerca de la configuración y la utilización de funciones.

NOTA

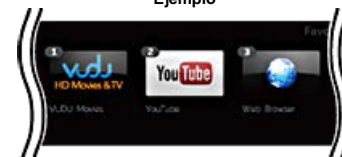
- Si aparece "❌" o "📶" tras conectarse a Internet, verifique los ajustes y la conexión de red de su televisor.
- En el futuro, habrá disponibles aplicaciones adicionales.
- Estas aplicaciones las proporcionan proveedores de contenido. Las aplicaciones disponibles varían en función del país o región.
- La velocidad de suministro de las aplicaciones varía en función de la velocidad de la red. Consulte el sitio Web del proveedor para obtener información acerca de la configuración de la aplicación y otros datos.

Uso de la ventana de aplicaciones

Durante la visualización del Dock

Puede mover los iconos de aplicaciones.

Ejemplo



1 Seleccione una aplicación y pulse **▲**

2 Pulse **◀▶** para desplazar el icono a la posición deseada.

Desplazar de los iconos

Puede desplazar los iconos de las aplicaciones más usadas más cerca del lado izquierdo.

Pulse **◀▶** para desplazar el icono a la posición deseada.

Guardar las aplicaciones favoritas

Puede asignar sus aplicaciones favoritas a los botones **FAV APP1**, **2**, y **3** del control remoto para iniciarlas más fácilmente.

Las aplicaciones cuyos iconos se desplazan a **1**, **2** y **3** durante la visualización del Dock serán asignadas a los botones **FAV APP 1**, **2** y **3** respectivamente.



Utilizar aplicaciones a través de Internet (Continúa)

Desactivación de la función Netflix

Puede desactivar la función Netflix. Consulte "Smart TV" > "Avanzado" > "Ayuda Netflix" y seleccione "Desactivar".

- Para confirmar el estado de Netflix, verifique la información exhibida en la pantalla y haga clic en "OK".

Desactivación de la función VUDU

Para desactivar la función VUDU consulte "Smart TV" > "Avanzado" > "Ayuda VUDU" y seleccione "SI". Al acceder a la aplicación de Internet por primera vez, aparecerá lo siguiente.

- El texto en esta sección aparece en el idioma original (inglés).

Para utilizar Internet

Notas

DISCLAIMERS

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Ejemplos de logotipos de aplicaciones



Apéndice

Extracción del soporte

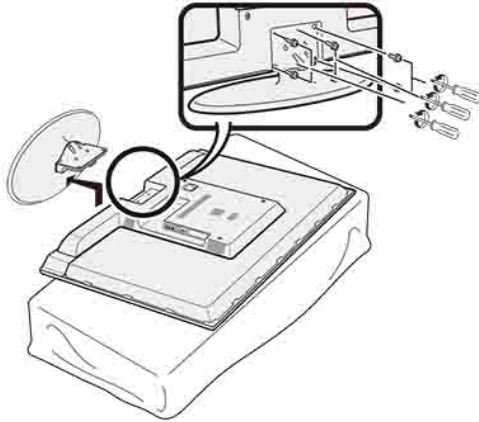
- Antes de poner (o quitar) el soporte, asegúrese de apagar el televisor y desenchufe el cable de CA.

PRECAUCIÓN

- **No quite el soporte del televisor a menos que utilice una ménsula de montaje en pared opcional para montarlo.**

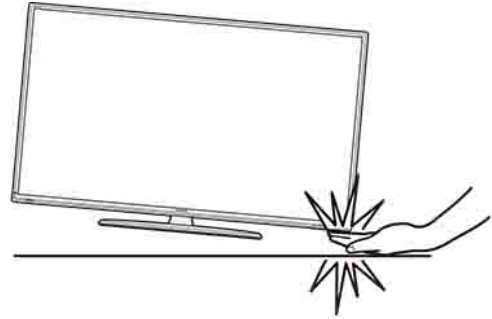
Quite los seis tornillos utilizados para asegurar el soporte.

Ejemplo



NOTA

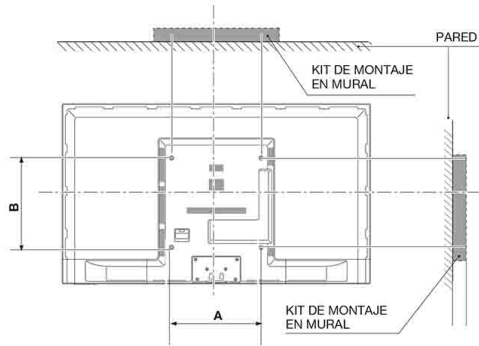
- El televisor deberá ser transportado siempre por dos personas que lo tomarán con ambas manos.
- Durante el procedimiento de instalación, asegúrese de que sus dedos no queden atrapados entre el televisor y el suelo.



Instalación del televisor en una pared

Especificaciones del kit de montaje mural

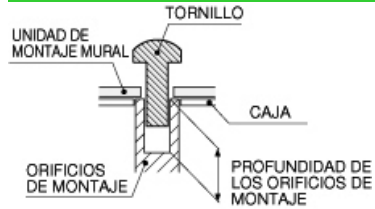
A continuación se muestran las dimensiones estándar para kits de montaje mural. La ilustración utiliza el modelo LC-60LE644U como ejemplo.



Los medios de montaje deben ser lo suficientemente resistentes como para soportar el peso de la pantalla. El soporte para instalación en pared debe contar con la homologación UL o similar.

Modelo	
Elemento	LC-60LE644U
Espacio para la instalación en pared (A x B)	400mm x 400mm

Instalación del televisor en una pared (Continúa)



Si desea información sobre los tornillos, consulte la tabla que se muestra a continuación.

Modelo	
Elemento	LC-60LE644U
tornillo estándar	M6 (Use 1.0 pitch screws)
la longitud(Profundidad de los orificio de montaje)	15/32 (12mm)
Cantidad	4pcs

NOTA

- No monte el televisor en un lugar inclinado.
- No utilice tornillos que no cumplan las especificaciones de tornillos estándar VESA.
- No utilice tornillos con una longitud superior a la medida estándar. Los tornillos demasiado largos pueden causar daños en el interior del televisor.
- No apriete excesivamente los tornillos ni los deje demasiado flojos. Podría dañar el producto o provocar la caída de éste, con riesgo de ocasionar lesiones personales. SHARP no se hace responsable de este tipo de accidentes.
- SHARP no será responsable de los daños sufridos por el producto o las lesiones personales ocasionadas por el uso de un montaje mural que no cumpla las especificaciones VESA o cuando el usuario incumpla las instrucciones de instalación del producto.



No instale el kit de montaje mural mientras el televisor está encendido. Podría sufrir lesiones personales debidas a una descarga eléctrica.

Apéndice

Solución de problemas

Problema	Problema Posible solución
• No enciende	<ul style="list-style-type: none"> • Compruebe si ha pulsado POWER en el control remoto. • ¿Está desconectado el cable de CA? • ¿Está encendida la alimentación?
• La unidad no funciona.	<ul style="list-style-type: none"> • Existen influencias externas como, por ejemplo, los rayos, la electricidad estática, que pueden causar un funcionamiento incorrecto. En este caso, utilice la unidad después de desconectar primero la alimentación del televisor o desenchufe el cable de CA y vuelva a enchufarlo después de transcurrir 1 ó 2 minutos.
• El control remoto no funciona.	<ul style="list-style-type: none"> • ¿Está el equipo que va a ser operado por el control remoto configurado correctamente? Pulse TV para configurar el control remoto en el ajuste para operar el TV. • ¿Están las pilas insertadas con la polaridades (e, f) bien alineadas? • ¿Están agotadas las pilas? (Cámbielas por pilas nuevas.) • ¿Lo está utilizando bajo una luz intensa o fluorescente? • ¿Hay una luz fluorescente encendida cerca del sensor del control remoto?
• La imagen se corta con franjas a los lados.	<ul style="list-style-type: none"> • ¿Es correcta la posición de la imagen? • ¿Están hechos correctamente los ajustes de modo de la pantalla como, por ejemplo, el del tamaño de la imagen? Consulte la páginas 3-14 a 3-16.
• Colores extraños, colores claros o colores mal alineados.	<ul style="list-style-type: none"> • Ajuste el tono de la imagen. Consulte la páginas 4-17 a 4-20 • ¿Está demasiado brillante la habitación? La imagen puede aparecer oscura en una habitación que está demasiado brillante.
• La alimentación se desconecta repentinamente.	<ul style="list-style-type: none"> • ¿Está ajustado el temporizador de apagado? Consulte la página 3-9 • Compruebe el ajuste del control de la alimentación. • La temperatura interna de la unidad ha aumentado. Retire cualquier objeto que bloquee la ventilación o limpie.

Problema	Problema Posible solución
• No hay imagen.	<ul style="list-style-type: none"> • ¿Es correcta la conexión a otros componentes? • ¿Se ha seleccionado la entrada correcta? Consulte la página 2-1 • ¿Se ha seleccionado "Encendido" en "Audio solamente"? • Si la imagen del PC no se visualiza, compruebe lo siguiente: <ul style="list-style-type: none"> - Cuando conecte un PC portátil al TV, compruebe que el modo de salida de visualización del PC esté ajustado al monitor externo. - Compruebe la posición de resolución en el PC. ¿Se está ingresando una señal no compatible? Consulte la página 8-9
• La calidad de la imagen en programas de HD es pobre.	<ul style="list-style-type: none"> • Para disfrutar imágenes de HD provenientes de equipos externos, es necesario que usted instale una conexión HDMI o una conexión de componentes. • Si el contenido del programa no es de calidad HD, las imágenes en HD no pueden ser exhibidas. Asegúrese que el programa que está viendo proporcione imágenes de HD. • El decodificador de cable/satélite de HD podría necesitar ser configurado para emitir imágenes de HD a través de cable/satélite. • La emisión de cable/satélite podría no soportar una resolución de señal de 1080p.
• El televisor en ocasiones hace un sonido crujiente.	<ul style="list-style-type: none"> • Esto no es un mal funcionamiento. Esto ocurre cuando la caja se expande y contrae ligeramente de acuerdo a los cambios de temperatura. Esto no afecta el funcionamiento del televisor.
• Algunas funciones de Internet usadas en PC no están disponibles en el televisor.	<ul style="list-style-type: none"> • El televisor tiene funciones limitadas, comparado con los navegadores normales de PC.

Solución de problemas (Continúa)

Problema	Posible solución
<ul style="list-style-type: none"> No hay sonido. 	<ul style="list-style-type: none"> ¿Es correcta la conexión a otros componentes? ¿Está el volumen demasiado bajo? Consulte la página 3-2 ¿Se ha seleccionado "Variable" en "Selección salida"? ¿Pulsó MUTE en el control remoto? Consulte la página 3-3 Compruebe la salida de audio del equipo externo conectado. <ul style="list-style-type: none"> ¿Está el volumen demasiado bajo o mudo? Cuando conecte equipo externo a través de un cable HDMI, podría necesitar configurar el audio para que éste salga a través del cable HDMI. Cuando el audio no es sacado desde el equipo externo conectado al terminal PC IN o el terminal HDMI IN 2, compruebe el ajuste "Selección Audio". Consulte la páginas3-8, 4-21 Incluso cuando se conecta equipo externo usando un cable de HDMI certificado, se podría requerir una conexión de cable de audio dependiendo del tipo de equipo y los medios que se estén reproduciendo. En este caso, en adición a la conexión de un cable certificado HDMI al terminal HDMI IN 2, conecte un cable con miniconector estéreo de 3,5 mm \varnothing al terminal AUDIO IN y ajuste "Selección Audio" a "HDMI+Análogo". Consulte la páginas3-8, 4-21 Al conectar un PC por medio de un cable certificado HDMI, compruebe lo siguiente: <ul style="list-style-type: none"> - ¿Está la salida de audio del PC configurada correctamente? Compruebe los ajustes de salida de audio y el formato de audio de salida en Propiedades de Sonido en el PC. Los formatos de audio compatibles con este televisor son PCM, Dolby Digital y DTS. Con otros formatos no se puede emitir audio. - Dependiendo de la tarjeta, solamente se podrán sacar señales de vídeo. En este caso, en adición a conectar un cable certificado HDMI al terminal HDMI IN 2, conecte un cable con miniconector estéreo de 3,5 mm \varnothing al terminal AUDIO IN y ajuste "Selección Audio" a "HDMI+Análogo". Consulte la páginas3-8, 4-21

Apéndice

Solución de problemas relacionados con el mensaje de error

El ejemplo de un mensaje de error visualizado en una pantalla	Código de error	Posible solución
• No se recibió la emisión.	E202	• Compruebe el cable de antena. Compruebe que la antena esté correctamente instalada.
• No hay emisión ahora.	E203	• Compruebe la hora de emisión en la guía de programas.
• Señal no compatible ha sido recibida. Verifique la configuración de salida del dispositivo.	—	• Este mensaje se exhibe cuando se ingresa un formato de audio diferente a PCM, DTS o Dolby Digital. - Configure el formato de salida de audio del equipo HDMI externo conectado a PCM, DTS o Dolby Digital. - Consulte el manual de operación del equipo externo para ver los detalles de configuración.

Información sobre la licencia de software para este producto

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- Cuando se utilice la unidad en un lugar donde la temperatura esté baja (una habitación o una oficina por ejemplo), la imagen podrá dejar trazos persistentes o aparecer un poco retrasada. Esto no es un fallo del funcionamiento, y la unidad se recuperará cuando la temperatura vuelva a ser normal.
- No deje la unidad en un lugar caliente o frío. Además, no deje la unidad en un lugar expuesto a la luz solar directa ni cerca de una calefacción, porque la caja podrá deformarse y el panel frontal podrá funcionar mal.
Temperatura para guardar la unidad: -4°F a +140°F (-20°C a +60°C)

BORRADO DEL NÚMERO SECRETO

Si olvida el número secreto, borre el número secreto usando el siguiente procedimiento.

- 1 Seleccione un elemento en la lista siguiente para visualizar la pantalla de introducción del número secreto.
(Para operar el menú en pantalla, [consulte la página 4-3.](#))
 - "Sistema de color" (←"Configuración de Entrada"←menú Configuración Inicial).
 - "Autoinstalación" o "Reiniciar" (←menú Configuración Inicial).
 - "Channel Setup" (←Ajustes de Canal ←menú Configuración Inicial).
 - "Control Paterno" (←menú Configuración Inicial).
 - "Actualización de software" (←menú Información).
- 2 Pulse y mantenga pulsados  y **VOL+** simultáneamente en el televisor hasta que en la pantalla aparezca el mensaje.

Especificaciones

Televisor

Elemento		Modelo: LC-60LE644U	
Panel LCD	Tamaño	60" Clase (60 3/32" Diagonal)	
	Resolución	2,073,600 píxeles (1,920 x 1,080)	
Función de TV	TV estándar (CCIR)	Sistema ATSC/NTSC, estándar de la TV norteamericana	
	Canal de recepción	VHF/UHF	Canales de VHF 2-13, canales de UHF 14-69
		CATV	Canales 1-135 (solamente canal no codificado)
		Emisión terrestre digital (8VSB)	Canales 2-69
	Cable digital*1 (64/256 QAM)	Canales 1-135 (solamente canal no codificado)	
Audio múltiplex	Sistema BTSC		
Salida de audio		8W x 2	
Terminales	Lado superficie del panel trasero	L-AUDIO-R	L-AUDIO-R
		ANT/CABLE	75 Ω desequilibrada, tipo F x 1 para Analógica (VHF/UHF/CATV) y Digital (ANTENA/CABLE)
		ETHERNET(10/100)	Conector de red
		USB(DC5V 500mA)	Modo de fotos/música/video, Actualización de software, teclado/ratón USB, imagen de fondo de pantalla
		DIGITAL AUDIO OUT	Salida audio digital óptica x 1 (PCM/Dolby Digital/DTS)
Lado de la superficie del panel abajo	HEADPHONE	AURICULARES	
	HDMI 3	Entrada HDMI con HDCP	
	HDMI 2	Entrada HDMI con HDCP, entrada de audio (conector estéreo de 3,5 mm ø)	
	HDMI 1(ARC)	Entrada HDMI con HDCP, ARC	
	PC IN ANALOG RGB	Entrada ANALOG RGB (PC) (conector hembra mini D-sub de 15 contactos), entrada de audio (conector estéreo de 3,5 mm ø)	
	PC IN AUDIO	entrada de audio (conector estéreo de 3,5 mm ø)	
COMPONENT/VIDEO IN		Entrada COMPONENT, Entrada AV	
Idioma OSD		Inglés/francés/español	
Alimentación		AC 120 V, 60 Hz	
On Mode Power		98 W	
Consumo		150 W	
Peso	Televisor + soporte	50.7 lbs./23.0 kg	
	Televisor solamente	43.0 lbs./19.5 kg	
Dimensiones (An x Al x Pr)	Televisor + soporte	54 15/64" x 34 17/64" x 13"	
	Televisor solamente	54 15/64" x 31 3/4" x 3 31/32"	
Temperatura de funcionamiento		+32°F a +104°F (0°C a +40°C)	

*1 No pueden recibirse mensajes de alerta de emergencia vía cable.

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- El consumo de On Mode Power se mide de acuerdo con los requisitos del programa Energy Star para televisores.

Especificaciones

LAN inalámbrico

Especificaciones	
Norma	IEEE 802.11b/g/n
Banda de frecuencias	2412-2484 MHz
Seguridad	WEP estática (64/128 bits, sólo clave de índice 1) WPA-PSK (TKIP) WPA2-PSK (AES)
Modulación	BPSK@6/9 Mbps QPSK@12/18Mbps 16-QAM@24Mbps 64-QAM@48/54 Mbps o más, Rx hasta 300 Mbps

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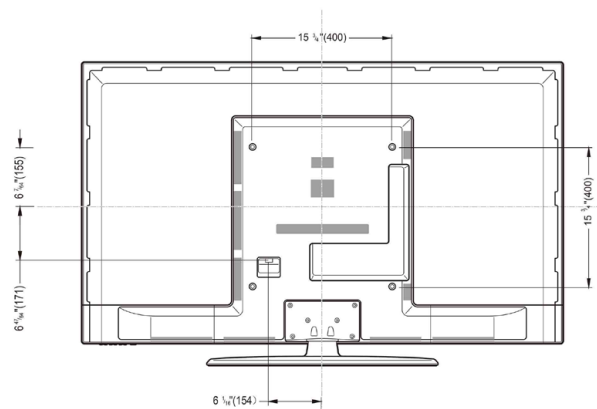
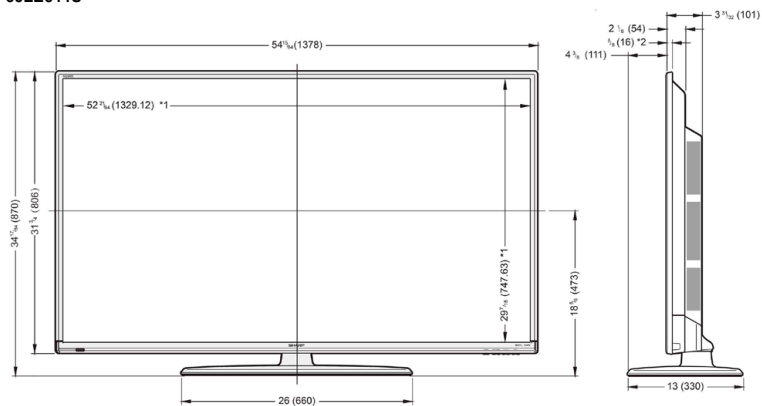


Los Productos que han conseguido el ENERGY STAR® están diseñados para proteger el medio ambiente a través de una mejor eficiencia en el consumo de energía.

Dibujos acotados

LC-60LE644U

Unit: inch (mm)
Unité: pouce (mm)
Unidad: pulgada (mm)



*1 Active area/Área activa/Zone active

*2 Thinnest part/Parte más delgada/Partie la plus mince

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