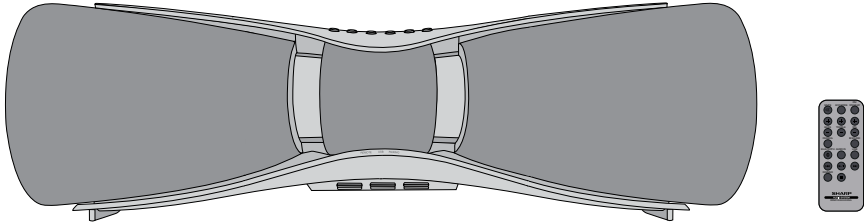# SHARP®

MODEL

GX-BT7

WIRELESS *BLUETOOTH*® SPEAKER SYSTEM

OPERATION MANUAL

Thank you for purchasing this SHARP product. To obtain the best performance from this product, please read this manual carefully. It will guide you in operating your SHARP product.

✸ Bluetooth®   **N™**   🤖

Made for
⬡ iPod 📱 iPhone ▭ iPad

iPad, iPhone, iPod, iPod nano, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries. Lightning is a trademark of Apple Inc.

USB PLAYBACK   **MP3**   **Plays Windows Media™**   **ENERGY STAR**

"Made for iPod," "Made for iPhone," and "Made for iPad" mean that an electronic accessory has been designed to connect specifically to iPod, iPhone, or iPad respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod, iPhone, or iPad may affect wireless performance.

● This audio system supports NFC-enabled device with Android 4.1, Jelly Bean and higher.
● For device with a lower Android version, refer the operation manual of the device for recommended app (application).

Accessories

The following accessories are included.

Remote control x 1 (RRMCGA342AW02)	Stand for iPad x 1 (GITAUA028AW01)	NFC tag x 2 (GCASP8945AW01)	Velcro tape (hook type) x 2 (PSHEZA378AW01)	Velcro tape (loop type) x 3 (PSHEZA377AW01)

Special notes

NOTE

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.

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.

FCC Radiation Exposure Statement

This device complies with the limits for a Class B digital device,
pursuant to Part 15 of the FCC Rules. It must not be co-located or
operating in conjunction with any other antenna or transmitter.

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.

This equipment should be installed and operated with a
minimum distance of 20 cm between the radiator and person's
body (excluding extremities: hands, wrists, feet and ankles.)

IC Radiation Exposure Statement (For users in Canada)

The radio communications device incorporated into this
apparatus meets all requirements of the Industry Canada
Radio Frequency Exposure Rules RSS-210. This Class B
digital apparatus complies with the Canadian ICES-003 Class
B specifications.

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.

This equipment should be installed and operated with a
minimum distance of 20 cm between the radiator and person's
body (excluding extremities: hands, wrists, feet and ankles.)

ENERGY STAR® Program Information

**Products that have earned
the ENERGY STAR® are
designed to protect the
environment through
superior energy efficiency.**

ENERGY STAR® is a U.S. registered mark.

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 this product, please read the following precautions carefully before use.

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 product 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.

To prevent fire or shock hazard, do not expose this appliance to dripping or splashing. No objects filled with liquids, such as vases, shall be placed on the apparatus.

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

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.

22) 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.

23) Protective Attachment Plug - The product is equipped with an attachment plug having overload protection. This is a safety feature. See Instruction Manual for replacement or resetting of protective device. If replacement of the plug is required, be sure the service technician has used a replacement plug specified by the manufacturer that has the same overload protection as the original plug.

24) 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.

Important Safety Instructions

⚠️ **WARNING**

DO NOT INGEST BATTERY, CHEMICAL BURN HAZARD

● The remote control supplied with this product contains a coin/button cell battery. If the coin/button cell battery is swallowed, it can cause severe internal burns in just two (2) hours and can lead to death.
● Keep new and used batteries away from children. If the battery compartment does not close securely, stop using the product and keep it away from children.
● If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

This product contains a CR Coin Lithium Battery which contains Perchlorate Material – special handling may apply. California residents, see
www.dtsc.ca.gov/hazardouswaste/perchlorate/

For U.S. customer only

CONSUMER LIMITED WARRANTY

SHARP ELECTRONICS CORPORATION warrants to the first consumer purchaser that this Sharp brand product (the "Product"), when ship in its original container, will be free from defective workmanship and materials, and agrees that it will, at its option, either repair the defect or replace the defective Product or part thereof with a new or remanufactured equivalent at no charge to the purchaser for parts or labor for the period(s) set forth below.

This warranty does not apply to any appearance items of the Product nor to the additional excluded item(s) set forth below nor to any Product the exterior of which has been damaged or defaced, which has been subjected to improper voltage or other misuse, abnormal service or handling, or which has been altered or modified in design or construction.

In order to enforce the rights under this limited warranty, the purchaser should follow the steps set forth below and provide proof of purchase to the servicer.

The limited warranty described herein is in addition to whatever implied warranties may be granted to purchasers by law. ALL IMPLIED WARRANTIES INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR USE ARE LIMITED TO THE PERIOD(S) FROM THE DATE OF PURCHASE SET FORTH BELOW. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

Neither the sales personnel of the seller nor any other person is authorized to make any warranties other than those described herein, or to extend the duration of any warranties beyond the time period described herein on behalf of Sharp.

The warranties described herein shall be the sole and exclusive warranties granted by Sharp and shall be the sole and exclusive remedy available to the purchaser. Correction of defects, in the manner and for the period of time described herein, shall constitute complete fulfillment of all liabilities and responsibilities of Sharp to the purchaser with respect to the Product, and shall constitute full satisfaction of all claims, whether based on contract, negligence, strict liability or otherwise. In no event shall Sharp be liable, or in any way responsible, for any damages or defects in the Product which were caused by repairs or attempted repairs performed by anyone other than an authorized servicer. Nor shall Sharp be liable or in any way responsible for any incidental or consequential economic or property damage. Some states do not allow the exclusion of incidental or consequential damages, so the above exclusion may not apply to you.

THIS LIMITED WARRANTY IS VALID ONLY IN THE FIFTY (50) UNITED STATES, THE DISTRICT OF COLUMBIA AND PUERTO RICO.

Model Specific Section	
Your Product Model Number & Description:	**GX-BT7** **WIRELESS *BLUETOOTH* ® SPEAKER SYSTEM** (Be sure to have this information available when you need service for your Product.)
Warranty Period for this Product:	One (1) year parts and labor from the date of purchase.
Additional Item(s) Excluded from Warranty Coverage (if any):	Non-functional accessories, supplies, and consumable items.
Where to Obtain Service:	At a Sharp Authorized Servicer located in the United States. To find a location of the nearest Sharp Authorized Servicer, call Sharp toll free at 1-800-BE-SHARP.
What to do to Obtain Service:	Ship prepaid or carry in your Product to a Sharp Authorized Servicer. Be sure to have **Proof of Purchase** available. If you ship the Product, be sure it is insured and packaged securely.

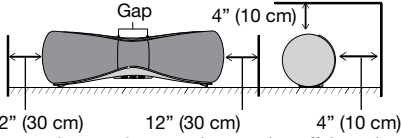TO OBTAIN SUPPLY, ACCESSORY OR PRODUCT INFORMATION, CALL **1-800-BE-SHARP**

SHARP ELECTRONICS CORPORATION

Sharp Plaza, Mahwah, New Jersey 07495-1163

Precautions

■ General

● Please ensure that the equipment is positioned in a well ventilated area and ensure that there is a free space along the sides, top and back of the equipment as below.

Gap   4" (10 cm)

12" (30 cm)   12" (30 cm)   4" (10 cm)

● Do not obstruct the gap when turning off the unit.
● Use the unit on a firm, level surface free from vibration.
● Place the unit at least 12" (30 cm) away from any CRT TV to avoid color variations across the TV screen. If the variations persist, move the unit further away from the TV. LCD TV is not prone to such variation.
● Keep the unit away from direct sunlight, strong magnetic fields, excessive dust, humidity and electronic / electrical equipment (home computers, facsimiles, etc.) which generate electrical noise.
● Do not expose the unit to moisture, to temperatures higher than 140°F (60°C) or to extremely low temperatures.
● If the unit does not work properly, unplug and plug it in again. Then turn on the unit.
● In case of an electrical storm, unplug the unit for safety.
● Hold the AC power plug by the head when removing it from the AC outlet, as pulling the cord can damage internal wires.
● Do not place anything on top of the unit.
● The AC power plug is used as a disconnect device and shall always remain readily operable.
● **Do not remove the outer cover, as this may result in electric shock. Refer internal service to your local SHARP service facility.**
● This unit should only be used within the range of 41°F - 95°F (5°C - 35°C).
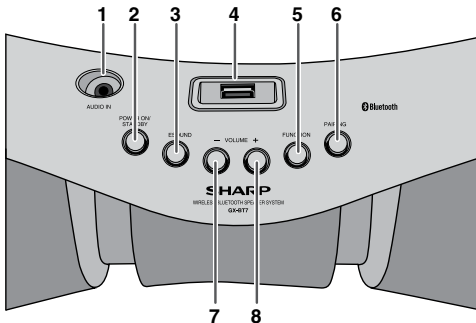
Warning:
The voltage used must be the same as that specified on this unit. Using a higher voltage is dangerous and may result in a fire or other type of accident causing damage.
SHARP will not be held responsible for any damage resulting from such usage.
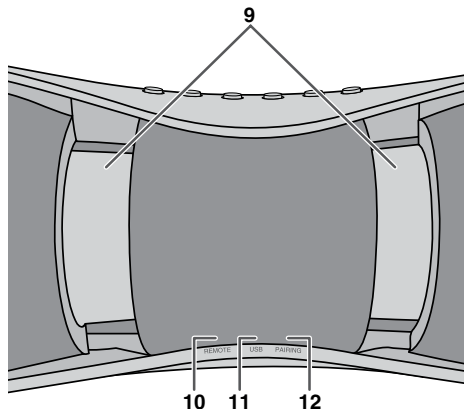
■ Volume control

The sound level at a given volume setting depends on speaker efficiency, location and various other factors. It is advisable to avoid exposure to high volume levels, which occurs while turning the unit on with the volume control setting up high, or while continually listening at high volumes.
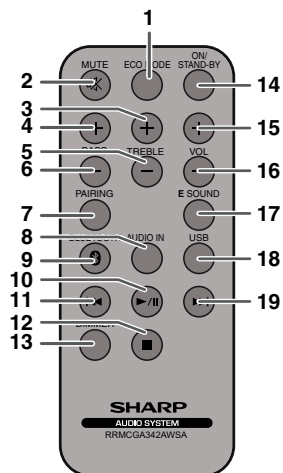
Controls and indicators

■ Front panel

1. **Audio in jack**
2. **Power On/Standby Button**
3. **ESound Button**
4. **USB terminal**
5. **Function Button**
6. **Pairing Button**
7. **Volume Down Button**
8. **Volume Up Button**
9. **LED light**
10. **Remote Sensor**
11. **USB indicator**
12. ***Bluetooth*/Pairing indicator**

E-4

Remote control   Plastic shield

Battery holder

■ **Remote control**

1. **Eco Mode Button**
2. **Mute Button**
3. **Treble + Button**
4. **Bass + Button**
5. **Treble - Button**
6. **Bass - Button**
7. **Pairing Button**
8. **Audio In Button**
9. ***Bluetooth* Button**
10. **Play/Pause Button**
11. **Skip down Button**
12. **Stop Button**
13. **Dimmer Button**
14. **On/Stand-by Button**
15. **Volume Up Button**
16. **Volume Down Button**
17. **Esound Button**
18. **USB Button**
19. **Skip up Button**
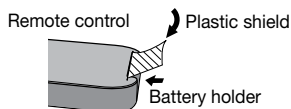
Note:
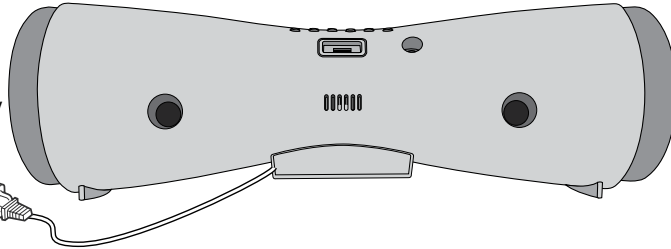Before using the remote control, remove the plastic shield from the battery holder.
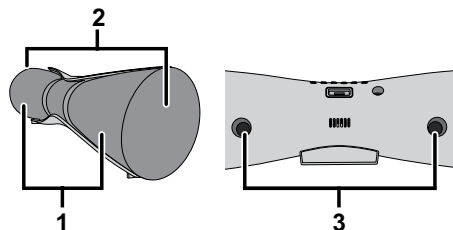
■ **Speakers**

1. **Front speaker**   3. **Bass Reflex Duct**
2. **Subwoofer**

Power Source

AC outlet
(AC 100 ~ 240V
50/60 Hz)

ECO MODE

■ AC power connection

Notes:
● Unplug the AC power cord from the AC outlet if the unit will not be in use for a prolonged period of time.

■ *Bluetooth* standby mode

● The first time the unit is plugged in, the unit will enter the *Bluetooth* standby mode. Pairing indicator will light up.

● To cancel the *Bluetooth* standby mode, press the ECO MODE button (remote control) during *Bluetooth* standby mode. The unit will enter the low power consumption mode.
● To return to the *Bluetooth* standby mode, turn the unit on and off again.
● During *Bluetooth* standby mode, the unit will turn on if *Bluetooth* connection is established.
● If iPod, iPhone or iPad is plugged in, the unit will begin charging. iPod, iPhone or iPad charging is invalid during Eco mode.

Remote control

■ Battery installation

1 While pushing the locking tab toward the center of the remote control, slide out the battery holder.

Back of remote control

Locking tab
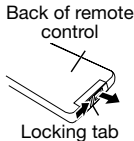
2 Remove the old battery from the battery holder, insert the new battery and then slide the battery holder back into the remote control.

Battery holder

Polarity (+) symbol

Battery type
Locking tab

Positive (+) side up
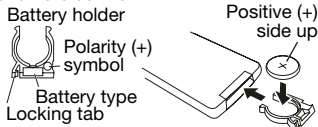
Precautions for battery use:
Remove the battery if the unit will not be used for a long period of time.
This will prevent potential damage due to battery leakage.
Caution:
● Do not use rechargeable battery (nickel-cadmium battery, etc.).
● Danger of explosion if battery is incorrectly replaced.
● Replace only with the same or equivalent type.
● Batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like.
● Installing the battery incorrectly may cause the unit to malfunction.

Notes concerning use:
● Replace the battery if the operating distance is reduced or if the operation becomes erratic. Purchase "CR 2025", coin lithium battery.
● Periodically clean the transmitter on the remote control with a soft cloth.
● Exposing the sensor on the unit to strong light may interfere with operation. Change the lighting or the direction of the unit if this occurs.
● Keep the remote control away from moisture, heat, shock, and vibrations.

■ Test of the remote control

The remote control can be used within the range shown below:

Remote sensor

(8" - 20')
0.2 m - 6 m

15° 15°
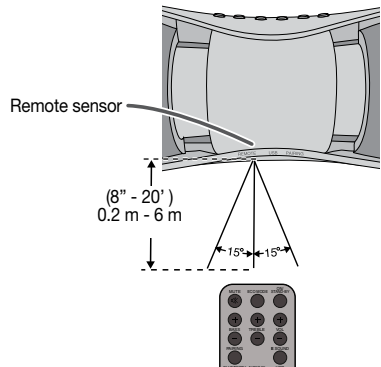
General control
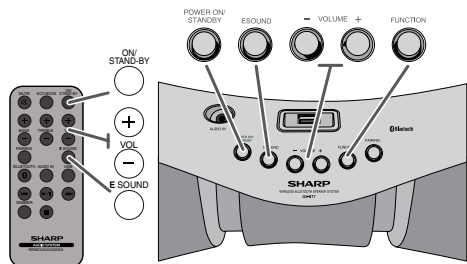
■ To turn the power on

Press the POWER ON/STANDBY button to turn the power on.
When the power is first turned on, the speaker frames move outward and pneumatic sound will be heard (default setting).
To turn off the pneumatic sound, press and hold the ESOUND button. The LED lights up and then fades out.
To return to the default setting, press and hold the ESOUND button again. The LED light will slowly fade in.

After use:
Press the POWER ON/STANDBY button to enter the power standby mode.

■ LED light brightness control

Press DIMMER button on the remote control to change the mode.

→ Dimmer 1   (LED light dim)
  Dimmer 2   (LED light gets dimmer.)
  Light Off   (LED light off during playback only.)
  Dimmer Off (LED light bright)

Note:
LED Light Off mode is only applicable during playback.

■ Volume auto fade-in

If you turn off and on the main unit with the volume set to almost maximum, the main unit starts with moderate volume and fades in to the last set level.

■ Volume control

Press VOLUME +/– buttons (on main unit) or VOL +/– (on remote control) to increase or decrease the volume.
The LED light will blink when the volume reaches maximum or minimum level.

■ Function

When the FUNCTION button on the main unit is pressed, the current function will change. Press the FUNCTION button repeatedly to select the desired function.

→ Bluetooth : Pairing indicator lights up.
  USB   : USB indicator lights up.
  AUDIO IN   : LED lights up at the minimum level.

■ Direct key power on function

When you press any of the following buttons, the unit turns on.
● ►/ll on the remote control: last selected function activated.
● AUDIO IN on the remote control: audio function activated.

● USB on the remote control: USB function activated.
● *BLUETOOTH* on the remote control: *Bluetooth* function activated

■ Auto power off function

The unit will enter the standby mode if:
Bluetooth: ● No connection for 60 seconds.
              ● In the pause or stop mode for 20 minutes
USB: In the stop mode or no media for 20 minutes
Audio In: No detection of input signal after 20 minutes
Note:
However, if iPod, iPhone or iPad is plugged in, the unit will begin charging.

■ ESound control

When the power is first turned on, the unit will enter ESound MODE 1.

To change to a different mode, press the ESOUND button repeatedly until the desired ESound mode appears.

→ MODE 1   (Stereo expansion OFF, boost bass sound ON)
  MODE 2   (Stereo expansion ON, boost bass sound ON)
  MODE Off (Stereo expansion OFF, boost bass sound OFF)
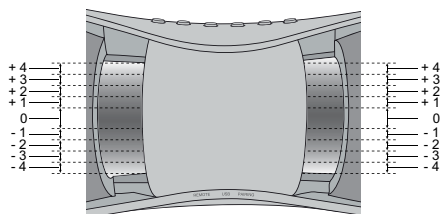
LED will light up according to the desired ESound mode.
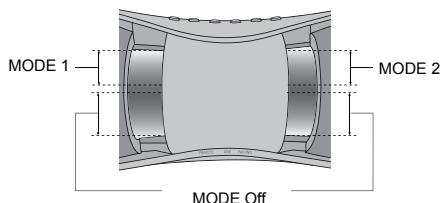
Note:
The ESound mode will be set to MODE Off when BASS/TREBLE control is adjusted.

■ Bass and treble control

Press BASS or TREBLE +/- button on the remote control to increase or decrease the bass or treble level respectively.

LED will light up according to the desired Bass or Treble level.

■ Muting

The volume is muted temporarily when pressing the MUTE ⊠ button on the remote control. Press again to restore the volume.

E-7

Bluetooth one touch connection via NFC

■ About NFC technology

Near Field Communication (NFC) is a set of standards for devices (smartphones/tablets) to establish radio communication with each other by touching/tapping them together or bringing them into close proximity.
Using NFC in this product simplifies the pairing method of *Bluetooth* connectivity.

● This audio system supports NFC-enabled device with Android 4.1, Jelly Bean and higher.
● For device with a lower Android version, refer the operation manual of the device for recommended app (application).

Unlike other wireless technology, NFC requires no discovery or pairing.
Simply tap the source device to the NFC tag to instantly enjoy seamless connectivity between your smart device and the audio system.

■ NFC detection area

NFC detection area location may vary depending on the device (smartphone/tablet). Refer operation manual of the device for detail.

A *Bluetooth* audio source device (smartphone/tablet).
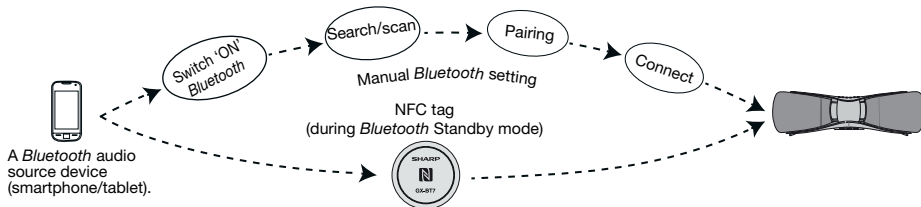
■ NFC tag set up

The NFC tags can be placed anywhere convenient to you. The velcro tapes supplied will help to secure the tags onto the desired location.

Caution:
● Make sure that the NFC tag is placed on a flat and level surface.
● **If you choose not to use the velcro tape, do not place the NFC tag near metal surface to avoid connection interference during tagging.**

Important:
● NFC tag has unique ID for each individual set, SHARP provides 2 identical tags for your convenience.
● SHARP will not be held liable for the damages caused by rewriting the tags.

Keep all small parts away from children as they may be accidentally swallowed.

1 Peel the separator off the velcro tape (loop type) and stick it on a desired surface.

Separator

Velcro tape (loop type)
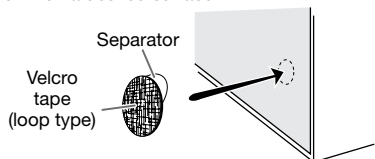
2 Peel the separator off the velcro tape (hook type) and stick it to the rear of the NFC tag. Then place the tag onto the desired location.

Separator

Velcro tape (hook type)

rear view of the NFC tag
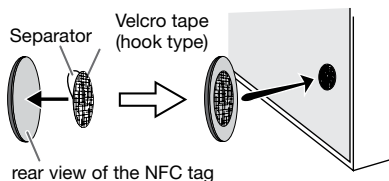
■ NFC connection for audio playback

Check that:
● Your device (smartphone/tablet) has an NFC function.
● NFC function on your device is enabled.
● Screen lock function of the device is off.
● This unit is not in Eco mode.
● Your device must be within 10 meters from the unit.

1 Touch your device to the supplied NFC tag.

NFC tag

2 A pop-up window asking whether to proceed with the *Bluetooth* connection appears on the device. Select <YES>.
● The 'connected' message appears when the connection is complete.
3 Playback will start automatically, otherwise press play (on remote control or source device).
● Sound will be heard from the speakers of this unit via audio streaming.
● Your device must be within 10 meters from the unit.

Various *Bluetooth* operation buttons (remote control only)	
(▶/∥)	Press the button to play or pause.
(▶▶∣)	Press the button to skip up. Press and hold to fast forward.
(∣◀◀)	Press the button to skip down. Press and hold to fast reverse.

Notes:
● To disconnect, simply touch your device to the tag again.
● Regardless of which tag you used to establish *Bluetooth* connection with this product, tapping your device to any of the NFC tags again, will disconnect the *Bluetooth* connection.
● To listen to audio via *Bluetooth* connectivity without NFC tag - refer "**Pairing with other *Bluetooth* source devices**" on page 9.
● It takes about 6-8 seconds for a *Bluetooth* enabled device (eg. smartphone) to establish *Bluetooth* connection with this unit via NFC or manual connection.

# Listening to *Bluetooth* enabled devices

■ *Bluetooth*

Bluetooth wireless technology is a short-range radio technology that enables wireless communication between various types of digital devices, such as mobile phone or computer. It operates within a range of about 10 meters (30 feet) without the hassle of having to use cables to connect these devices.

This unit supports the following:
Communication System: *Bluetooth* Specification version 2.1 *Bluetooth* + Enhanced Data Rate (EDR).
Support Profile : A2DP (Advanced Audio Distribution Profile) and AVRCP (Audio/Video Remote Control Profile)

Notes when using unit with a mobile phone
● This unit cannot be used to talk over the telephone even when there is a *Bluetooth* connection made to a mobile phone.
● Please refer to the operating manual supplied with the mobile phone for details on operation of your mobile phone while transmitting the sound using a *Bluetooth* connection.
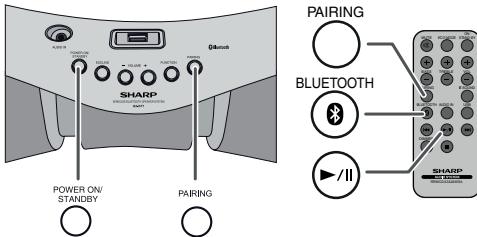
■ Pairing *Bluetooth* devices

Bluetooth devices need to be initially paired first before they can exchange data. Once paired, it is not necessary to pair them again unless:
● pairing is made with more than 8 devices.
   Pairing can only be made one device at a time. This unit can be paired to a maximum of 8 devices. If subsequent device is paired, the oldest device paired, will be deleted and replaced with the new one.
● this unit is reset. All pairing information is deleted when unit is reset.
● pairing information is deleted while re-pairing, etc.

Indicators:

Status	PAIRING indicator (blue)
Unconnected	Blinks
Pairing mode	Blinks quickly
Connected	Lights up

However, the indicator status is not displayed during *Bluetooth* standby mode.

■ Pairing with other *Bluetooth* source devices

1 Press the POWER ON/STANDBY button to turn the power on.

2 Press the *BLUETOOTH* button on the remote control or FUNCTION button repeatedly on the main unit to select *Bluetooth* function. (Pairing indicator blinks.)

3 Press and hold the PAIRING button for 3 seconds or more.
   PAIRING indicator blinks quickly. The unit is now in pairing mode and is ready to be paired with other *Bluetooth* source device.

4 Perform pairing procedure on the source device to detect this unit. "SHARP GX-BT7" will appear in the detected devices list (if available) in the source device. (Refer the source device operating manual for details).
   Notes:
   ● Place the devices to be paired within 3 feet (1 meter) of each other when pairing.
   ● Some source devices are unable to display lists of detected devices. To pair this unit with the source device, refer to the source device operating manual for details.

5 Select "SHARP GX-BT7" from the source list. If Passcode* is required, enter "0000".
   * Passcode may be called PIN Code, Passkey, PIN number or Password.

6 Pairing indicator (blue) will stop blinking once the unit is successfully paired with the source device. (Pairing information is now memorized in the unit.)
   Some audio source devices may connect with the unit automatically after pairing is completed, otherwise follow the instructions in the source device operating manual to start connection.

7 Press the play button on remote control or source device to start *Bluetooth* streaming playback.

Notes:
● If a device such as microwave oven, wireless LAN card, *Bluetooth* device or any other device that uses the same 2.4 GHz frequency near the system some sound interruption may be heard.
● The transmission distance of the wireless signal between the device and the main unit is about 10 m (30 feet), but may vary depending on your operating environment. If a steel concrete or metallic wall is between the device and the main unit, the system may not operate at all, because the wireless signal cannot penetrate metal.
● If this unit or the source device is turned off before *Bluetooth* connection is completed, pairing will not be completed and the pairing information will not be memorized. Repeat step 1 onward to start pairing again.
● To pair with other devices, repeat steps 1 - 5 for each device. This unit can be paired to a maximum of 8 devices. If subsequent device is paired, the oldest device paired, will be deleted and replaced with the new one.
● Once a device is ousted or deleted from the pairing list, the pairing information for the device is also deleted. To listen to the sound from the device again, it needs to be re-paired. Perform steps 1 - 5 to pair the device again.

Listening to *Bluetooth* enabled devices (continued)

■ Listening to the sound

Check that:
- The source device *Bluetooth* functionality is ON.
- Pairing of this unit and the source device is completed.
- Unit is in connected mode (pairing indicator (BLUE) lights up.)

1 Press the POWER ON/STANDBY button to turn the power on.

2 Press the *BLUETOOTH* button on the remote control or FUNCTION button repeatedly on the main unit to select *Bluetooth* function.

3 Start the *Bluetooth* connection from the *Bluetooth* stereo audio source device.

4 Playback will start automatically, otherwise press play (on remote control or source device).

   Notes:
   - For various *Bluetooth* operations, refer "NFC connection for audio playback" on page 8.
   - If the source device has an extra bass function or equalizer function, set them to off. If these functions are on, sound may be distorted.

Notes:
- Make the *Bluetooth* connection again if the source device is not turned on, or its *Bluetooth* functionality is off or is in sleep mode.

■ To disconnect the *Bluetooth* device

Perform any of the followings.
- Disconnect the *Bluetooth* connection on the audio source device.
  Refer the operating manual supplied with the device.
- Turn off the *Bluetooth* stereo audio source device.
- Turn off this unit.

Note:
The volume of this unit may not be controlled as intended depending on the device.

■ Auto power on

During *Bluetooth* standby mode, the unit will automatically power on when the *Bluetooth* connection has been set up between the main unit and your device.

Note:
This function is not applicable during Eco mode.

Listening on Android™ devices

■ Introduction: Open Accessory

Open Accessory support allows external USB hardware (an Android USB accessory) to interact with an Android-powered device in a special accessory mode. When an Android-powered device is in accessory mode, the connected accessory acts as the USB host (powers the bus and enumerates devices) and the Android-powered device acts in the USB accessory role. Android USB accessories are specifically designed to attach to Android-powered devices and adhere to the Open Accessory Protocol, that allows them to detect Android-powered devices that support accessory mode.
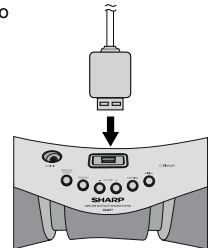
Caution:
Please update your Android device to the latest software version before using it.

■ Android device connection (USB)

1 Insert the connector to the Android device.

Device
(Smartphone/Tablet)

Connector
(not supplied)
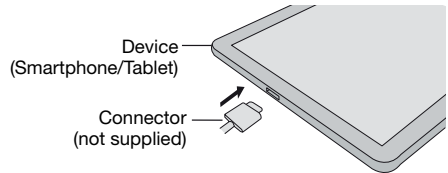
2 Plug in the Android device to the unit via USB connector.

■ Android device playback

1 Press the POWER ON/STANDBY button to turn the power on.

2 Press the USB button (remote control) or FUNCTION button repeatedly (main unit) to select USB function.

3 Connect the device (Smartphone/Tablet) to the unit.

4 Press play (on remote control or source device).

Notes:
- If the source device has an extra bass or equalizer function, set them to off. If these functions are on, sound may be distorted.
- Incoming calls will pause the playback/application.
- Once the calls are answered, the conversation can only be heard through the built-in speaker of the device. Turn on the device speaker or disconnect the device to start conversation.

■ To unplug the Android device

1 Pause the playback or quit the application (app).

2 Unplug the device from the USB terminal.

Listening on Android™ devices (continued)

■ Various functions

Function	Remote control	Operation
Track up/down	⏮ ⏭	Press in the playback or stop mode. If you press the button in the stop mode, press the ▶/Ⅱ button to start the desired track.
Fast forward/ reverse	⏮ ⏭	Press and hold down in the playback mode. Release the button to resume playback.

Notes:
● Controls (play/pause/skip up/skip down) will function based on actual application (app) controls used on Android devices.

Android is a trademark of Google Inc.

Listening to the iPod, iPhone or iPad

Made for:

● iPhone 5s
● iPhone 5c
● iPhone 5
● iPhone 4S
● iPhone 4
● iPhone 3GS
● iPhone 3G
● iPhone
● iPad Air
● iPad mini with Retina Display
● iPad (4th generation)
● iPad mini
● iPad (3rd generation)
● iPad 2

● iPad
● iPod touch (5th generation)
● iPod touch (4th generation)
● iPod touch (3rd generation)
● iPod touch (2nd generation)
● iPod touch (1st generation)
● iPod nano (7th generation)
● iPod nano (6th generation)
● iPod nano (5th generation)
● iPod nano (4th generation)
● iPod nano (3rd generation)
● iPod nano (2nd generation)

Caution:
Update your iPod, iPhone and iPad unit to the latest software version before using them. Visit Apple's homepage to download the latest version.

Notes:
● Once the iPod, iPhone or iPad is plugged in it will begin charging.
● The message "This accessory is not made to work with iPhone" or similar, may appear on the iPhone screen when:
  - battery is low.
  - the iPod, iPhone or iPad is not properly plugged in.
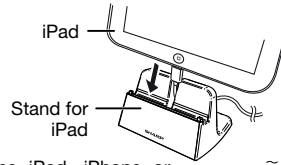 If this occurs, remove and re-plug your iPod, iPhone or iPad.

■ iPod, iPhone and iPad connection (USB)
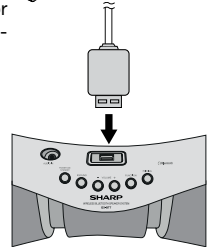
1 Insert the connector to the iPod, iPhone or iPad.
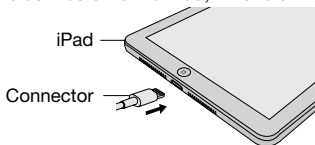
iPad

Connector

Listening to the iPod, iPhone or iPad (continued)

2 Place the iPad to the stand for iPad.

iPad

Stand for iPad

3 Plug in the iPod, iPhone or iPad to the unit via USB connector.

■ iPod, iPhone or iPad playback

1 Press the POWER ON/STANDBY button to turn the power on.

2 Press the USB button on the remote control or FUNCTION button repeatedly on the main unit to select USB function.

3 Plug in iPod, iPhone or iPad to the unit.

4 Playback will start automatically, otherwise press play.

Note:
Stop button (■) is invalid during iPod, iPhone or iPad playback.

■ iPhone playback

● Sound will only switch from iPhone to the main unit after authentication process is completed in approximately 10 seconds.
● Incoming calls will pause the playback.
● Once the calls are answered, the conversation can only be heard through the built-in iPhone speaker. Turn on the iPhone speaker or unplug the iPhone to start conversation.
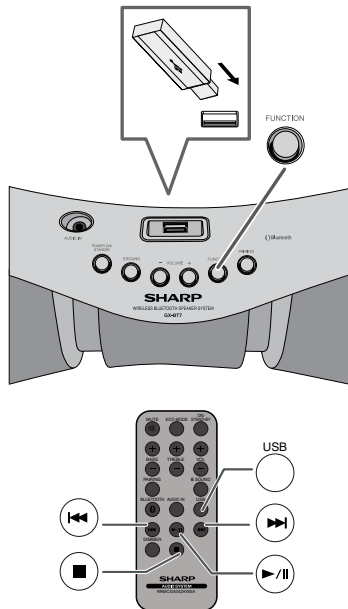
■ To disconnect iPod, iPhone or iPad

It is safe to unplug iPod, iPhone and iPad even during playback.

■ Various iPod, iPhone and iPad functions

Function	Remote control	Operation
Track up/ down	⏮ ⏭	Press in the playback or pause mode. If you press the button in the pause mode, press the ▶/Ⅱ button to start the desire track.
Fast forward/ reverse	⏮ ⏭	Press and hold down in the playback mode. Release the button to resume playback.

Listening to USB mass storage device/MP3 player

Note:
This product is not compatible with MTP and AAC file systems from USB mass storage device or MP3 player.

■ To play back USB/MP3 player

1 Press the USB button on the remote control or FUNCTION button repeatedly on the main unit to select USB function. Connect the USB memory device that has MP3/WMA format files on the unit.

2 Playback will start automatically.

3 Select desired file to be played back by pressing the ｜◀◀ or ▶▶｜ button.

Note:
To pause playback:
Press the ▶/ǁ button.

■ Various USB functions

Function	Remote control	Operation
Track up/down		Press in the playback or pause mode. If you press the button in the pause mode, press the ▶/ǁ button to start the desire track.
Fast forward/reverse		Press and hold down in the playback mode. Release the button to resume playback.

Note:
Fast forward/reverse is invalid when playing back a variable bitrate file.

■ To remove USB memory device

1 Press the ■ button to stop playback.
2 Unplug USB memory device from the USB terminal.
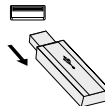
Notes:
● SHARP will not be held liable for the loss of data while the USB memory device is connected to the audio system.
● Files compressed in MP3 and/or WMA format can be played back when connected to the USB terminal.
● This USB memory's format supports FAT 12, FAT 16 or FAT 32.
● SHARP cannot guarantee that all USB memory devices will work on this audio system.
● USB cable is not recommended for use in this audio system to connect to USB memory device. Use of the USB cable will affect the performance of this audio system. Cable supplied with iPod, iPhone and iPad is not prone to this condition.
● This USB memory cannot be operated via USB hub.
● The USB terminal in this unit is not intended for a PC connection but is used for music streaming with a USB memory device.
● External HDD-storage cannot be played back via USB terminal.
● If the data inside the USB memory is large, it may take longer time for the data to be read.
● This product can play WMA and MP3 files. It will automatically detect the file type being played. If unplayable file is played on this product, the file will be automatically skipped. This will take a few seconds.
● This product relates to USB mass storage devices and MP3 players. It may however face some irregularities due to various unforeseen reasons from some devices. Should this happen, turn off the unit and then turn it on again.
● This unit only supports "MPEG-1 Audio Layer-3" format. (Sampling Frequency is 32, 44.1, 48kHz)
● Playback order for MP3 files may differ depending on the writing software used during file download.
● Bitrate which is supported by MP3 is 32~320 kbps, WMA is 64~160 kbps.
● For MP3/WMA files, please put ".MP3" ".WMA" extension. Files cannot be played back if there is no MP3/WMA extension.
● Copyright protected WMA files cannot be played back.
● Maximum total number supported for MP3/WMA files is 65025. However, it is advisable to playback a media with a small amount of MP3/WMA files to maximize playability.

Connecting other equipment

■ Listening to the playback sounds of portable audio player, etc.

Portable audio player, etc.

Audio cable (not supplied)

1 Use a connection cord to plug in the portable audio player, etc. to the AUDIO IN jack. When using video equipment, plug in the audio output to this unit and the video output to a television.
2 Press the POWER ON/STANDBY button to turn the power on.
3 Press the AUDIO IN button on the remote control or FUNCTION button repeatedly on the main unit to select AUDIO IN function.
4 Play the connected equipment. If volume level of the connected device is too high, sound distortion may occur. Should this happen, lower the volume of the connected device. If volume level is too low, increase the volume of the connected device.

Note:
To prevent noise interference, place the unit away from the television.

Troubleshooting chart

Many potential problems can be resolved by the owner without calling a service technician.

If something is wrong with this product, check the following before calling your authorized SHARP dealer or service center.

■ General

Symptom	Possible cause
● When a button is pressed, the unit does not respond.	● Set the unit to the power standby mode and then turn it back on. ● If the unit still malfunctions, reset it. (Refer page 14)
● No sound is heard.	● The volume level is set to minimum.

■ Remote control

Symptom	Possible cause
● The remote control does not operate.	● The AC power cord of the unit is not plugged in. ● The battery is exhausted. ● The distance or angle is incorrect. ● The remote control sensor receives strong light.

■ NFC / *Bluetooth*

Symptom	Possible cause
● No sound is heard.	● The unit is too far from the *Bluetooth* stereo audio source device. ● The unit is not paired with the *Bluetooth* stereo audio source device.
● *Bluetooth* sound is interrupted or distorted.	● The unit is too near to a device that generates electromagnetic radiation. ● There is an obstacle between the unit and the *Bluetooth* stereo audio source device.
● NFC-enabled device cannot connect to *Bluetooth* via NFC tag.	● Main unit is not in *Bluetooth* pairing mode. Perform "NFC connection for audio playback". (Refer page 8.)

■ Open Accessory

Symptom	Possible cause
● No sound is produced.	● The device is not playing. ● The device is not properly plugged in to the unit. ● The AC power cord of the unit is not plugged in.
● Device will not charge.	● The device is not making full contact with the USB terminal.

Troubleshooting chart (continued)

■ iPod, iPhone or iPad

Symptom	Possible cause
● No sound is produced.	● The iPod, iPhone or iPad is not playing. ● The iPod, iPhone or iPad is not properly plugged in to the unit. ● The AC power cord of the unit is not plugged in.
● iPod, iPhone or iPad will not charge.	● The iPod, iPhone or iPad is not making full contact with the connector. ● The iPod or iPhone is not supported. Refer to page 11 for compatible models.
● "This accessory is not made to work with iPhone" or "This accessory is not supported by iPhone" appears on iPhone screen.	● The iPhone battery is low. Please charge the iPhone. ● iPhone is not properly plugged in.

■ USB

Symptom	Possible cause
● Device cannot be detected. ● Playback does not start.	● There is no MP3/WMA file inside the device. ● The device is not properly plugged in. ● A MTP device is plugged in. ● The device contains AAC file only. ● A copyright-protected WMA or false MP3 file is being played back.

■ Condensation

Sudden temperature changes, storage or operation in an extremely humid environment may cause condensation inside the cabinet or on the transmitter on the remote control. Condensation can cause the unit to malfunction. If this happens, leave the power on until normal playback is possible (about 1 hour). Wipe off any condensation on the transmitter with a soft cloth before operating the unit.

■ If problem occurs

When this product is subjected to strong external interference (mechanical shock, excessive static electricity, abnormal supply voltage due to lightning, etc.) or if it is operated incorrectly, it may malfunction.

If such a problem occurs, do the following:
1 Set the unit to the standby mode and turn the power on again.
2 If the unit is not restored in the previous operation, unplug and plug in the unit again, and then turn the power on.

Note:
If neither operation above restores the unit, clear all the memory by resetting it.

■ Factory reset, clearing all memory

1 Press the AUDIO IN (remote control) or FUNCTION button repeatedly (main unit) to select AUDIO IN function.
2 Press ►/ɪɪ button.
3 Within 1 second, press and hold ɪ◄◄ button until PAIRING indicator lights up.

Caution:
This operation will restore the unit to factory default condition.

■ Before transporting the unit

Caution:

Remove all devices plugged in to the unit. Then, set the unit to the power standby mode. Transporting the unit with other devices plugged in might damage the units.

Maintenance

■ Cleaning the cabinet

Periodically wipe the cabinet with a soft cloth and a diluted soap solution, then with a dry cloth.

Caution:
● Do not use chemicals for cleaning (gasoline, paint thinner, etc.). It may damage the cabinet.
● Do not apply oil to the inside of the unit. It may cause malfunctions.

Specifications

As part of our 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.

■ General

Power source	AC 100 - 240 V ~ 50/60 Hz
Power consumption	AC: Power on: 21 W
Dimensions	Width: 17 - 9/16" (446 mm) Height: 6 - 1/8" (155 mm) Depth: 6 - 1/16" (154 mm)
Weight	6.0 lbs. (2.7 kg)
Frequency band	2.400 GHz - 2.480 GHz
Compatible *Bluetooth* Profile	A2DP (Advanced Audio Distribution Profile), AVRCP (Audio/Video Remote Control Profile) *Bluetooth* 2.1 +EDR

■ Amplifier

Output power	Front speaker: RMS: Total 10 W (5 W per channel into 3 ohms at 1 kHz, 10% T.H.D.) FTC: 4 W minimum RMS per channel into 3 ohms from 200 Hz to 15 kHz, 10% T.H.D. Subwoofer: RMS: Total 10 W into 6 ohms at 100 Hz, 10% T.H.D.) FTC: 10 W minimum RMS into 6 ohms from 60 Hz to 150 Hz, 10% T.H.D
Input terminals	Audio In (audio signal): 500 mV/47 k ohms

■ USB (MP3 / WMA)

USB host interface	● Complies with USB 1.1 (Full Speed)/2.0 Mass Storage Class. ● Support Bulk only and CBI protocol.
Support file	● MPEG 1 Layer 3 ● WMA (Non DRM)
Bitrate support	● MP3 (32 ~ 320 kbps) ● WMA (64 ~ 160 kbps)
Other	● Maximum total number of MP3/WMA files is 65025. ● Maximum total number of folders is 999 INCLUSIVE of root directory.
File system support	● Support USB devices with Microsoft Windows/DOS/FAT 12/FAT 16/ FAT 32. ● 2 kbyte block length for sector.

■ Speaker

Type	2-way type speaker system Front Speakers: 2" (5 cm) - 3 Ω - Full Range Subwoofer: 3-1/8" (8 cm) - 6 Ω - woofer
Maximum input power	Front Speakers: 10 W / Channel Subwoofer: 10 W / Channel
Rated input power	Front Speakers: 5 W / Channel Subwoofer: 5 W / Channel