

MORE **COLORS** THAN EVER AND NOW IN **3D**



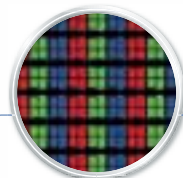
SHARP[®]

AQUOS[®]
◆◆◆◆ Quattron™

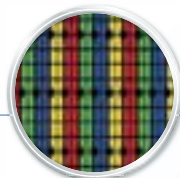
INTRODUCING SHARP'S QUATTRON QUAD PIXEL TECHNOLOGY

With the introduction of Sharp's next-generation set of UltraBrilliant edge lit AQUOS LED LCD TVs, Sharp once again reinforces its leadership in television technology. Conventional LCD displays employ the use of only three colors: R (red), G (green) and B (blue). In a monumental engineering breakthrough, Sharp's proprietary quad pixel technology adds Y (yellow) to the traditional RGB, enabling unbelievable colors to be displayed for the first time on an LCD TV. This RGBY color combination introduces never-before-seen colors to the TV industry, bringing life to sparkling golds, Caribbean blues and sunflower yellows.

This is more than just revolutionary technology. Quattron quad pixel technology from Sharp is redefining the way we see HDTV.



Standard Pixels
(Red Green Blue)



**Quattron quad pixel
Technology**
(Red Green Blue Yellow)





OWN IT ON DVD, BLU-RAY
& BLU-RAY 3D DEC. 14

3D



Sharp's proprietary Quattron™ system produces the brightest 3D TV images with reduced "crosstalk blurs", and the Spacious 3D Sound audio to complete the 3D experience.

AQUOS®
Quattron™



ENVIRONMENTALLY CONSCIOUS LCD TVS

Sharp designed AQUOS LCD TVs to require fewer resources to manufacture...and less energy to use. Most Sharp LCD TVs are ENERGY STAR® qualified and feature low energy consumption and extended operating life. Sharp is committed to setting new standards for energy efficiency and environmental friendliness by minimizing waste and

greenhouse gases in all Sharp factories. We are constantly improving conservation technologies and programs in the packaging, transportation, use, recycling and safe disposal of our products. Sharp Green Front Sakai* brings the world two environmentally friendly products: energy-saving LCD panels and energy-creating solar panels.



*Sharp Green Front Sakai is a name used in Japan

Sharp aims to make this complex an environmentally advanced production base through such environmental measures as adopting LEDs for all indoor and outdoor lighting (approximately 100,000 LED lights) throughout the complex. In addition, Sharp will install solar panels on all factory roofs to provide some of the needed electricity. Sharp Green Front Sakai is the new driving force behind Sharp's efforts to make environmentally friendly products at an environmentally conscious plant, thus helping to realize a greener society.

Sharp received the Energy Star Award for Excellence in Energy Efficient Product Design.



TABLE OF CONTENTS

LE925 Series	4
LE920 Series	5
LE820 Series	6
LE810 Series	7
LE620 Series	8
LS510/410 Series	9
LC-60E88UN10
D78 Series11
LC-40D68UT12
DV28 Series13
SB48/SB28 Series14
SB28 Series15
Home Theater Projector16
Blu-ray Disc™ Players17
iPod®/iPhone Docking Systems18
Audio Products19
Sound Bars20
AQUOS Net™21
Technology22
Features & Specifications23-29

Please note that model numbers are subject to change.
Please check with your local sales representative with any questions.

LE925 SERIES

AQUOS® Quattron™ 3D

THE 3D EXPERIENCE, NOW FEATURING QUATTRON™ TECHNOLOGY

The AQUOS® Quattron™ system produces the brightest 3D image resolution on the market today, significantly reduced 3D "crosstalk blur" and a dynamic contrast ratio of 8,000,000:1. The Quattron LE925 3D TVs employ Sharp's quad pixel technology, the X-Gen LCD panel, Frame Rate Enhanced Driving and LED backlight side-mount scanning with a newly enhanced Active Contrast algorithm, to deliver a superior 3D experience. Two included pairs of advanced 3D glasses offer a versatile 3D to 2D mode conversion allowing one person to watch in 2D while others are watching in 3D. In addition, Sharp's three Spacious 3D Sound modes complete the immersive experience when viewing movies, concerts or any 3D programming. The LE925 Series is already compliant with ENERGY STAR® program requirements for televisions Version 5.1.

KEY FEATURES

- Quad pixel technology
- Quad Pixel Plus
- Backlight scanning technology
- Advanced 3D Glasses (two pair included)
- Full HD 1080p (1920 x 1080) Resolution
- UltraBrilliant edge lit LED
- X-Gen LCD Panel
- AquoMotion240
- Frame Rate Enhanced Driving
- Spacious 3D Sound
- Full Front Glass Design
- 8,000,000:1 Dynamic Contrast Ratio
- Wide Viewing Angles (176° H x 176° W)
- High Brightness
- AQUOS Net™ with Netflix and VUDU™
- USB Media Player (movies, photos, music)
- Divx HD
- WiFi USB Dongle Included
- Vyper Drive
- AQUOS LINK™



AVAILABLE SCREEN CLASS SIZES:

60", 52"
60-1/32" Diagonal 52-1/32" Diagonal





The AQUOS LE920 Series LED LCD TVs offer superior in image quality and connectivity. This series combines Sharp's Full HD 1080p X-Gen LCD panel with its UltraBrilliant edge lit LED backlight for vibrant colors and deep blacks. Quattron quad pixel Technology introduces the industry's first yellow sub-pixel reproducing colors more brilliant than other flat-panel TVs. This 1080p series displays outstanding fast-action video, through AquoMotion 240, which virtually eliminates blur and artifacts. The LE920 series includes Netflix and VUDU™ streaming video* through the AQUOS Net™ service, along with the industry's leading online support system, AQUOS Advantage™ Live. At only 1.6-inches thin, the full-front glass panel extends to meet the slim border for a stylish and subtle edge.



KEY FEATURES

- Quad pixel technology
- Full HD 1080p (1920 x 1080) Resolution
- UltraBrilliant edge lit LED
- X-Gen LCD Panel
- AquoMotion 240
- Quad Pixel Plus
- Full Front Glass Design
- 6,000,000:1 Dynamic Contrast Ratio
- Wide Viewing Angles (176° H x 176° W)
- High Brightness
- AQUOS Net™ with Netflix and VUDU™
- USB Media Player (movies, photos, music)
- Divx HD
- WiFi USB Dongle Included
- Vyper Drive
- AQUOS LINK™

AVAILABLE SCREEN CLASS SIZES:

60", 52"

60-1/32" Diagonal 52-1/32" Diagonal

* Membership and/or fees may apply



dual-stream n

LE820 SERIES

AQUOS[®]
Quattron™



Offering additional large-screen AQUOS LED LCD TV options, the LE820 Series is available in 60-, 52-, 46- and 40-inch screen class sizes. These models combine Sharp's X-Gen LCD panel with an UltraBrilliant edge lit LED backlight and feature Quattron quad pixel Technology. Sharp's proprietary Fine Motion Advanced technology is included for 120Hz Frame Rate Conversion, as well as fast response time (4 ms). The LE820 Series also features the elegant and modern full-front glass design.

KEY FEATURES

- Quad pixel technology
- Full HD 1080p (1920 x 1080) Resolution
- UltraBrilliant edge lit LED
- X-Gen LCD Panel
- 120Hz Fine Motion Advanced
- Full Front Glass Design
- 5,000,000:1 Dynamic Contrast Ratio
- Wide Viewing Angles (176° H x 176° W)
- High Brightness
- AQUOS Net™ with Netflix
- USB Media Player (photos/music)
- Vyper Drive
- AQUOS LINK



AVAILABLE SCREEN CLASS SIZES:

60", 52", 46", 40"
60-1/32" Diagonal 52-1/32" Diagonal 45-63/64" Diagonal 40" Diagonal

NETFLIX

120Hz
Frame Rate Conversion

VYPER
DRIVE

ultra
BRILLIANT
LED
EDGE-LIT L.E.D.

AQUOS
net

X-GEN
PANEL

AQUOS
LED

Full
Front
Glass

Think
GREEN



LE810 SERIES

Also featuring quad pixel technology, the LE810 Series is available in 60-, 52-, 46- and 40-inch screen class sizes. The LE810 Series features Sharp's X-Gen LCD panel with an UltraBrilliant edge lit LED backlight. For ultra-smooth fast motion, Sharp's proprietary Fine Motion Advanced technology is included for 120Hz Frame Rate Conversion, as well as fast response time (4 ms).

KEY FEATURES

- Quattron quad pixel Technology
- Full HD 1080p (1920 x 1080) Resolution
- UltraBrilliant edge lit LED
- X-Gen LCD Panel
- 120Hz Fine Motion Advanced
- 4,000,000:1 Dynamic Contrast Ratio
- Wide Viewing Angles (176° H x 176° W)
- High Brightness
- AQUOS Net™ with Netflix
- USB Media Player (photos/music)
- Vyper Drive
- AQUOS LINK™



AVAILABLE SCREEN CLASS SIZES:

60", 52", 46", 40"

60-1/32" Diagonal 52-1/32" Diagonal 45-63/64" Diagonal 40" Diagonal



LE620 SERIES



The AQUOS® LE620 series sports Full HD 1080p image quality, 120Hz Fine Motion Enhanced and an elegant new edge lit LED design. A high-performance LCD panel provides ultra-dark high Dynamic Contrast Ratio and fast response time. Features include built-in ATSC / QAM / NTSC tuners, 4 HDMI® inputs compatible with 1080p signals, a PC input and 2 HD component video inputs as well as a sleek piano black cabinet with bottom-mounted speakers.

KEY FEATURES

- Full HD 1080p (1920 x 1080) Resolution
- Edge lit LED
- 26w (8w+8w+10w) Audio System with Subwoofer (LC-52/46LE620UT)
- 20w (10w+10w) Audio System (LC-42LE620UT)
- 2,000,000:1 Dynamic Constant Ratio (LC-52LE620UT, LC-46LE620UT)
- 1,000,000:1 Dynamic Constant Ratio (LC-42LE620UT)
- 120Hz Fine Motion Enhanced
- Active Color and Contrast
- Wide Viewing Angles (176° H x 176° W)
- Vyper Drive
- AQUOS LINK™
- High Brightness
- 4 HDMI® Inputs
- Built-in ATSC / QAM / NTSC Tuners
- Six 1080p Compatible Inputs
- USB Media Player



AVAILABLE SCREEN CLASS SIZES:

55", 46", 42"
54-5/8" Diagonal 45-63/64" Diagonal 42" Diagonal

AQUOS
LED

VYPER
DRIVE

120Hz

ultra
BRILLIANT
LED
EDGE-LIT L.E.D.

THINK
GREEN

Think
GREEN

LS510/410 SERIES



The LS510/410 Series expands the breadth of AQUOS LED LCD TV offerings with a contemporary, ultra-thin design and high-quality performance. A powerful TFT LCD panel combined with an edge lit LED backlight system provide high contrast ratios for deep blacks and vibrant colors in dark or bright scenes. These models are compliant with ENERGY STAR® program requirements for televisions, Version 4.1. They come equipped with HDMI® inputs for convenient connection to HD-capable devices, a headphone mini-jack for easy speaker connections and USB Media player. They feature a black cabinet and easily removable table stand for wall mounting applications.

KEY FEATURES

- Full HD 1080p (1920 x 1080) Resolution (LC-32/22LS510UT)
- True16:9 Aspect Ratio (1366 x 768) Resolution (LC-19LS410UT)
- Edge lit LED
- Wide Viewing Angles (176° H x 176° W) (LC-32LS510UT)
- USB Media Player
- PC Input
- Vyper Drive
- 4 HDMI® (LC-32LS510UT)
2 HDMI® (LC-22LS510UT, LC-19LS410UT)



AVAILABLE SCREEN CLASS SIZES:

32", 22", 19"
31-1/2" Diagonal 21-1/2" Diagonal 18-1/2" Diagonal



LC-60E88UN

The LC-60E88UN 240HZ 60-inch screen class size AQUOS® LCD TV is built for high-definition large screen viewing. This model utilizes Sharp's proprietary Full HD 1080p X-Gen LCD panel with UV2A technology and 10-bit processing for a dramatically bright and clear picture. Combining the X-Gen panel with true 240Hz Fine Motion Advanced technology, provides a stunning picture, even in fast-motion sequences such as in movie and sports scenes. The LC-60E88UN model is compliant with ENERGY STAR® program requirements for televisions, Version 4.1 and Sharp's OPC function automatically adjusts the TV's brightness based on the lighting of the room. HDMI® inputs provide all the connection options that you'll need. It features a stylish piano-black design to match the advanced picture quality.

KEY FEATURES

- Full HD 1080p (1920 x 1080) Resolution
- X-Gen LCD Panel
- 25,000:1 Dynamic Constant Ratio
- True 240Hz Fine Motion Advanced
- Active Color and Contrast
- 4ms Response Time
- Wide Viewing Angles (176° H x 176° W)
- Vyper Drive
- AQUOS LINK™
- High Brightness
- 4 HDMI® Inputs
- Built-in ATSC / QAM / NTSC Tuners
- Six 1080p Compatible Inputs
- OPC (Optical Picture Control)



AVAILABLE SCREEN CLASS SIZES:

60"

60-1/32" Diagonal



AQUOS®



VYPER DRIVE



D78 SERIES



The D78 Series strengthens the AQUOS® LCD lineup with Full HD 1080p, superior picture quality and energy efficient design. The D78 Series uses a high-performance Full HD 1080p LCD panel and also includes Sharp's Fine Motion Enhanced technology for 120Hz Frame Rate conversion. Sharp's Optical Picture Control (OPC) automatically adjusts the TV's luminance to suit the room's brightness. This series is also compliant with ENERGY STAR® program requirements for televisions, Version 4.0. They feature a classic piano black design and easily removable table stand for wall mounting applications.



AVAILABLE SCREEN CLASS SIZES:

52", 46", 40"

52-1/32" Diagonal 45-63/64" Diagonal 40" Diagonal

KEY FEATURES

- Full HD 1080p (1920 x 1080) Resolution
- 25,000:1 Dynamic Contrast Ratio
- 120Hz Fine Motion Enhanced
- Active Color and Contrast
- Wide Viewing Angles (176° H x 176° W)
- Vyper Drive
- AQUOS LINK™
- High Brightness
- 3 HDMI® Inputs
- Built-in ATSC / QAM / NTSC Tuners
- OPC (Optical Picture Control)

AQUOS



LC-40D68UT

The AQUOS LC-40D68UT offers high performance at a top value. With a 16:9 aspect ratio, Full HD resolution of 1920 x 1080 and fine color purity, it is a next-generation TV to carry you into the high-definition future. The LC-40D68UT utilizes a high-performance LCD panel providing high contrast, 6ms response time and wide viewing angles (176° H x 176° V). It is an HDTV with built-in ATSC/ QAM/NTSC tuners and includes 3 HDMI® and 2 HD component video inputs as well as a D-sub, 15-pin input for PC compatibility. The LC-40D68UT features a black cabinet and the included table stand easily removes for wall mounting applications.

KEY FEATURES

- Full HD 1080p (1920 x 1080) Resolution
- 25,000:1 Dynamic Contrast Ratio
- Wide Viewing Angles (176° H x 176° W)
- Vyper Drive
- AQUOS LINK™
- High Brightness
- 3 HDMI® Inputs
- Built-in ATSC / QAM / NTSC Tuners
- OPC (Optical Picture Control)



AVAILABLE SCREEN CLASS SIZES:

40"
40" Diagonal

AQUOS

VYPER
DRIVE

REAL
LIFE
1080P

Think
GREEN

DV28 SERIES



AVAILABLE SCREEN CLASS SIZES:

32", 26", 22", 19"
31-1/2" Diagonal 26" Diagonal 21-1/2" Diagonal 18-1/2" Diagonal

The DV28 series provides a convenient built-in DVD television solution with a distinctive design. It features a side-loading progressive scan DVD player, a high-performance LCD panel for high brightness, a high contrast ratio, low-reflection glare protection and wide viewing angles.

KEY FEATURES

- 16:9 Aspect Ratio (1366 x 768) Resolution
- Built-in side-loading progressive scan DVD player
- 2 HDMI® (LC-32DV28UT, LC-26DV28UT only)
- PC Input
- Built-in ATSC / QAM / NTSC Tuners
- Wide Viewing Angles



AQUOS



LC-42SB48UT/LC-32SB28UT

The LC-42SB48UT and LC-32SB28UT includes high contrast, fast response time, wide viewing angles as well as built-in ATSC / QAM / NTSC tuners and 4 HDMI® inputs. This series features a sleek piano black cabinet with bottom-mounted speakers, and the included table stand easily removes for wall mounting applications.



KEY FEATURES

- Full HD 1080p (1920 x 1080) Resolution (LC-42SB48UT)
- 16:9 Aspect Ratio (1366 x 768) LCD Panel (LC-32SB28UT)
- Elegant New Design
- 4 HDMI® Inputs
- Built-in ATSC / QAM / NTSC Tuners
- High Brightness
- PC Input



AVAILABLE SCREEN CLASS SIZES:

42", 32"
42" Diagonal 32" Diagonal



SB28 SERIES



The SB28 series offers high performance at a top value. With a 16:9 aspect ratio, HDTV resolution of 1366 x 768 and fine color purity, it is a next-generation TV to carry you into the high-definition future. It utilizes a Black TFT Panel providing high Contrast Ratio and wide viewing angles. The SB28 series also features 2 HDMI® (26" only) and HD component video inputs as well as a D-sub, 15-pin input for PC compatibility.

KEY FEATURES

- 720p (1366 x 768) Resolution
- Wide Viewing Angles
- PC Input
- High Brightness
- Built-in ATSC / QAM / NTSC Tuners
- 2 HDMI (LC-26SB28UT, LC-22SB28UT only)



AVAILABLE SCREEN CLASS SIZES:

26", 22", 19"
26" Diagonal 21-1/2" Diagonal 18-1/2" Diagonal

AQUOS®



HOME THEATER PROJECTOR XV-Z15000

This SharpVision® 1080p full high definition DLP® front projector represents an outstanding value in home theater entertainment. It utilizes a DLP® chip 0.65", 1920 x 1080 technology from Texas Instruments and Sharp's proprietary technologies. The Vyper Drive game mode eliminates perceptible lag between the video game and the projector. The Z15000 boasts the outstanding Enhanced Picture Contrast Technology and a high brightness 1600 ANSI lumens rating, delivering one of the best pictures available in consumer home theater projectors today.



XV-Z15000 KEY FEATURES

- Full HD 1080p (1920 x 1080) Resolution
- DLP® chip 0.65" from Texas Instruments
- 30,000:1 Dynamic Contrast Ratio
- 1,600 ANSI Lumen Brightness
- 6 Segment, 5X Speed Color Wheel
- Vyper Drive in Game Mode
- Digital Horizontal and Vertical Keystoning
- 2 HDMI® Inputs
- RS-232C

BLU-RAY DISC™ PLAYER HOME THEATER SYSTEM



BD-MPC41U KEY FEATURES

- Full HD 1080p/24 fps Video Output
- Standard DVD Up Conversion
- 1,020 Watt 5.1 Sound Bar Speaker System (L-C-R)
- AQUOS® Pure Mode
- Netflix Movie Streaming Service*
- Anti-vibration Chassis Design
- Audyssey Dynamic EQ, Bass Xt and Dynamic Volume
- iPod® Playback
- Dolby® True-HD DTS-HD Master Audio playback
- AQUOS LINK™
- AVCHD, JPEG, CD and MP3 Playback
- BD Live Internet Connection
- FM Tuner with Station Presets
- Auto Firmware update
- Inputs – 2 x Digital – 1 x Analog
- Wall Mounting Plate (Sound Bar)

*Membership and/or fees may apply

For detailed product features and specifications, including specific models and capacities supported, please visit www.sharpsusa.com.

AQUOS
BD PLAYER



BD LIVE

DVD
VIDEO/AUDIO



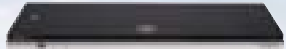
NETFLIX

AUDYSSEY
DYNAMIC VOLUME
BASS XT

BLU-RAY DISC™ PLAYERS



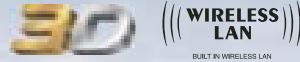
Shown with stand for vertical operation



Shown without stand

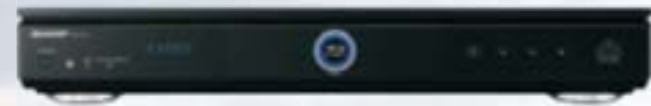
BD-HP90U KEY FEATURES

- Full HD 3D 1080P
- Full HD 1080p/24 fps Video Output
- Dolby® Digital Plus and Dolby® True-HD
- DTS-HD/DTS-HD Master Audio playback
- Slim Low Profile Design
- Slot Loading Drive
- Vudu Movie Streaming*
- Pandora Music Streaming*
- Vertical Operation with Included Stand
- VESA 75 mm Mounting Pattern
- DIVX HD, AVCHD, CD and MP3 Playback
- DLNA Networking with Upgrade
- Netflix Movie Streaming Service*
- AQUOS LINK™
- Standard DVD Up Conversion
- RS 232 Control Port
- JPEG Disc Viewer/Slideshow
- HDMI® Digital Interface
- Picture in Picture with Dual Audio
- 7.1 Channel Digital Audio
- BD Live
- AQUOS® Pure Mode
- Auto Firmware Update
- On Screen Control Panel



BD-HP80U KEY FEATURES

- Full HD 3D 1080P
- Full HD 1080p/24 fps Video Output
- Dolby® Digital Plus and Dolby® True-HD
- DTS-HD/DTS-HD Master Audio playback
- Slim Low Profile Design
- Slot Loading Drive
- Vudu Movie Streaming*
- Pandora Music Streaming*
- VESA 75 mm Mounting Panel
- DIVX HD, AVCHD, CD and MP3 Playback
- DLNA Networking with Upgrade
- Netflix Movie Streaming Service*
- AQUOS LINK™
- Standard DVD Up Conversion
- JPEG Disc Viewer/Slideshow
- HDMI® Digital Interface
- Picture in Picture with Dual Audio
- 7.1 Channel Digital Audio
- BD Live
- AQUOS® Pure Mode
- Auto Firmware Update
- On Screen Control Panel



BD-HP70U KEY FEATURES

- Anti-vibration Chassis Design
- JPEG Disc Viewer/Slideshow
- Full HD 1080p/24 fps Video Output
- Dolby® Digital Plus and Dolby® True-HD
- DTS-HD/DTS-HD Master Audio playback
- Netflix Movie Streaming Service*
- YouTube Video Streaming
- AQUOS LINK™
- Standard DVD Up Conversion
- JPEG Disc Viewer
- 2X USB Ports
- RS 232 Control Port
- Upgraded Power Supply
- Upgraded Audio Circuit
- Wireless LAN with Dongle Included
- AVCHD, JPEG, CD and MP3 Playback
- HDMI® Digital Interface
- Grounded AC Power Cable
- Picture in Picture With Dual Audio
- 7.1 Channel Digital Audio
- BD Live
- AQUOS® Pure Mode
- Gold Plated Contacts
- Auto Firmware Update
- On Screen Control Panel



BD-HP24U KEY FEATURES

- Full HD 1080p/24 fps Video Output
- Dolby® Digital Plus and Dolby® True-HD
- DTS-HD/DTS-HD Master Audio playback
- Netflix Movie Streaming Service*
- AQUOS LINK™
- Standard DVD Up Conversion
- JPEG Disc Viewer/Slideshow
- AVCHD, JPEG, CD and MP3 Playback
- HDMI® Digital Interface
- Picture in Picture With Dual Audio
- 7.1 Channel Digital Audio
- BD Live
- AQUOS® Pure Mode
- Auto Firmware Update

AQUOS
BD PLAYER



*Membership and/or fees may apply

IPOD/IPHONE DOCKING SYSTEMS



DK-AP7P

The Sharp I-ELEGANCE® series includes a docking system for iPod®/iPhone® products and MP3/WMA portable digital personal players. The DK-AP7 lets you play music and recharge your iPod/iPhone when plugged into an AC outlet. Also listen on-the-go via 4 AA batteries.

KEY FEATURES

- Plays & Charges iPod/iPhone Devices
- High Fidelity 2.1 Sound
- ESound Mode
- Video Output
- Soft Carry Bag
- Portable Battery Operation
- 3.5mm Audio Input for use with other audio products
- 2.1 ch Speaker System with HDSS



DK-AP8P

This portable, yet powerful, 2.1 channel audio system made for iPod and iPhone devices houses all the necessary components including the main drivers and subwoofer for an enjoyable listening experience on-the-go. The DK-AP8P lets you play music and recharge your iPod or iPhone when plugged into an AC outlet, or power up with 4 AA batteries. Enjoy your favorite videos and photos on a larger screen when you connect the video output jack to a TV, or connect your laptop or portable MP3 player via Audio-in terminal.

KEY FEATURES

- Plays and Charges iPod / iPhone devices
- Magnetic Wireless Touch Panel Remote Control
- High Fidelity 2.1 Sound
- ESound Mode
- Video Output
- Soft Carry Bag
- Portable Battery Operation
- 3.5mm Audio Input
- 2.1 ch Speaker System with HDSS



AUDIO SYSTEMS



XL-DH259N

XL-DH229N



CD-DH899N

CD-DH790N



CD-SW440N

XL-DH259N

KEY FEATURES

- Plays & Charges iPod Devices
- Top Mount iPod Docking
- Single Disc CD Mechanism
- Automatic Programmable Music Selector
- Subwoofer Pre-Out Terminal
- USB Interface
- Music Port Input Jack
- Clock, Timer, and Sleep Functions
- Pre-Set Equalizer
- CD-R / RW, MP3, WMA Playable
- Total Output Power: 160 Watts

XL-DH229N

KEY FEATURES

- Plays & Charges iPod Devices
- Top Mount iPod Docking
- Single Disc CD Mechanism
- Automatic Programmable Music Selector
- Subwoofer Pre-Out Terminal
- USB Interface
- Music Port Input Jack
- Clock, Timer, and Sleep Functions
- Pre-Set Equalizer
- CD-R / RW, MP3, WMA Playable
- Total Output Power: 100 Watts

CD-DH790N

KEY FEATURES

- 200 Watts Total Output
- Top Mount iPod Docking
- CD Player
- USB Input for Music Playback
- Audio Input
- Full Logic Cassette Deck
- 2-Way Speaker System
- Full Function Remote
- CD-R/RW, MP3, WMA Playable
- AM/FM Tuner with 40 Presets
- Pre-Set Equalizer

CD-DH899N

KEY FEATURES

- 300 Watts Total Output
- Top Mount iPod Docking
- CD Player
- Audio Input
- Full Logic Cassette Deck
- 2-Way Speaker System
- Full Function Remote
- CD-R/RW, MP3, WMA Playable
- AM/FM Tuner with 40 Presets
- Pre-Set Equalizer
- USB Input for Music Playback

CD-SW440N

KEY FEATURES

- 350 Watts Total Output
- Top Mount iPod Docking
- CD Player
- USB Input for Music Playback
- Audio Input
- Full Logic Cassette Deck
- 2-Way Speakers with Separate Subwoofer
- Full Function Remote
- AM/FM Tuner with 40 Presets
- Pre-Set Equalizer
- CD-R/RW, MP3, WMA Playable
- Active Speaker Illumination

For detailed product features and specifications, including specific models and capacities supported, please visit www.sharppusa.com.

SOUND BARS



HT-SB500



HT-SB300



HT-SB200

Who ever thought such great sound could come out of one small system? Our new sound bar line is stylish and sleek delivering unbelievable sound with rich bass from one slick simple speaker. A powerful subwoofer along with built-in DTS, Dolby® Digital decoders and SRS™ surround sound functions will have you convinced you're in a room full of speakers.

HT-SB500/300/200

- 3.1 Sound Bar Audio System (HT-SB500)
- 2.1 Sound Bar Audio System (HT-SB300/200)
- 32 watts Total Output Power
- Complements Midsize and Larger Sharp LCD TVs
- SRS TruSurround HD (HT-SB500)
- SRS WOW™ HD Surround Sound (HT-SB300/200)
- Slim Remote with Sharp TV Control
- Dual Analog Inputs
- Low Profile Design
- Auto On/Off
- Wall Mountable (Bracket included)
- Energy Star Qualified

STEP UPS: HT-SB300

- DTS, Dolby® Digital, Dolby Pro Logic II and Dolby Virtual Speaker Decoder
- Digital (Optical and Coaxial) and Analog Inputs
- Subwoofer PRE Output
- Dolby Virtual Speaker

STEP UPS: HT-SB500

- 3.1 Sound Bar Audio System
- DTS, Dolby® Digital, Dolby Pro Logic II and Dolby Virtual Speaker Decoder
- Touch-sensitive Controls
- Digital (Optical and Coaxial) and Analog Inputs
- Subwoofer PRE Output
- Dolby Virtual Speaker

AQUOS NET™



WEB BASED CONTENT

AQUOS site captures personalized information and customized links on a single screen, providing quick, convenient access to your favorite content at the touch of a button. New content is added frequently. Available on Select AQUOS models.*1

AQUOS ADVANTAGE LIVE™

This unique service gives AQUOS Advantage™ members free, live assistance via the internet. Assistance includes TV set up, picture setting adjustment and more.

NETFLIX STREAMING

Instantly watch full HD video with select new AQUOS LCD TV models. With a Netflix unlimited membership and an Internet connection, you can instantly watch TV episodes & movies right on your TV—as often as you want, anytime you want.*2

VUDU™ MOVIE SERVICE

VUDU offers the world's largest selection of streaming HD movies, available in stunning HD and HDX 1080p with rich Dolby Digital Plus 5.1 surround sound. New releases are available for on-demand streaming the same day they're released on physical DVD.*3



*1Please visit www.sharpusa.com for details on compatible models
*2Netflix unlimited membership required
*3Pay as you go with VUDU

ADVANCED AQUOS® LCD TV TECHNOLOGY

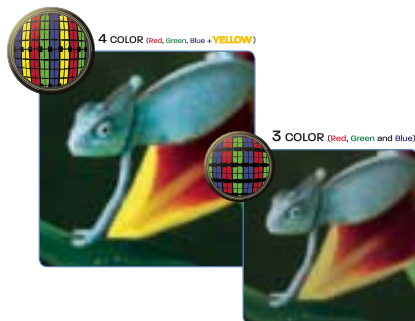
Great style and performance don't just happen. It takes a commitment to quality, an incredible team of professionals and a vision for innovation. Sharp, a global leader in LCD televisions, brings all this and more to LCD TV technology, continually raising the bar to achieve outstanding quality and high performance.



Quattron

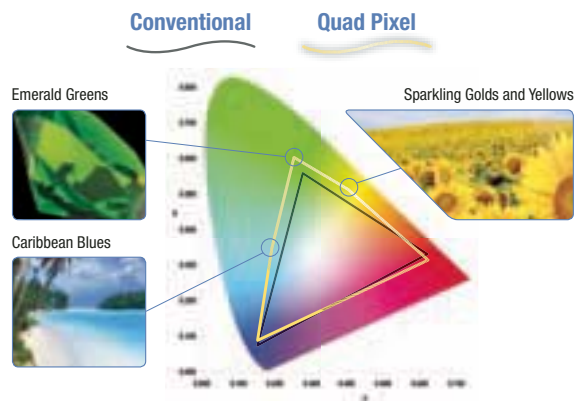
QUATTRON TECHNOLOGY

Quattron LED LCD TVs feature technology advancements enabling picture quality formerly difficult or impossible to reproduce using conventional LCD displays. When combined with Sharp's 1080p X-Gen LCD panel, the displays offer dramatic reduction in energy consumption compared with conventional CCFL LCD TVs. These technologies work in tandem to optimize picture quality and contrast ratios while reducing energy use.



QUAD PIXEL TECHNOLOGY

Quattron LED LCD TVs employ a four color filter for the first time in the industry, adding the color Y (yellow) to the three colors of R (Red), G (Green) and B (Blue). Quad pixel technology produces this groundbreaking combination expanding the color gamut and faithfully rendering nearly all colors that can be discerned while introducing never-before-seen colors to TVs, like sparkling golds, Caribbean blues and sunflower yellows.



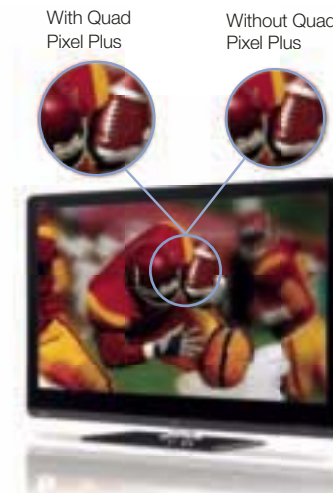
AQUOMOTION 240

AquosMotion 240 enables smoother video in fast-motion sequences such as in movies and sports by minimizing motion blur or jitter. AquoMotion 240 combines advanced 120Hz technology with Sharp's new scanning backlight technology to improve the refresh rate, smoothing edges and improving picture clarity.



QUAD PIXEL PLUS

Quad Pixel Plus technology provides a smooth transition between colors by enabling individual illumination or shading of the "dots" or sub-pixels. By illuminating or displaying shades a smoother looking image with a higher perceived level of detail is possible.





AQUOS® QUATTRON™ 3D

Sharp creates the best 3D experience with a combination of the X-Gen LCD panel, quad pixel technology and the new Frame Rate Enhanced Driving circuit. The LE925 Series produces 3D images that are nearly twice as bright as a 3D image on conventional flat-panel TVs and with reduced “crosstalk blurs” or double exposure effect.

Frame Rate Enhanced Driving allows the AquoMotion 240 drive to be achieved with single source wiring, lowering energy consumption while increasing screen brightness. Sharp’s newly designed Side Mount Scanning LED Backlight reduces “crosstalk blur” between left and right images by scanning images in several sequential rows from top to bottom, as opposed to 3DTVs which scan either by top and bottom half or by lighting the full screen.

Sharp’s Spacious 3D Sound and included two pairs of stylish and advanced active shutter 3D glasses complete the 3D experience. Optimize the audio for a variety of 3D content such as movies, concerts and all other programs. The 3D glasses feature the ability to individually select 3D or 2D viewing of the same TV content.



SPECIFICATIONS



Model Number	LC-60LE925UN	LC-52LE925UN	LC-60LE920UN	LC-52LE920UN
Screen Size	60" Class (60-1/32" Diagonal)	52" Class (52-1/32" Diagonal)	60" Class (60-1/32" Diagonal)	52" Class (52-1/32" Diagonal)
Quattron quad pixel Technology	Yes	Yes	Yes	Yes
3D	Yes (2 pairs of glasses included)	Yes (2 pairs of glasses included)	No	No
Aspect Ratio	16:9	16:9	16:9	16:9
LCD Panel	X-Gen	X-Gen	X-Gen	X-Gen
Resolution/Format	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Quad Pixel Plus	Yes	Yes	Yes	Yes
Vyper Drive Game Mode	Yes	Yes	Yes	Yes
AQUOS Net	Yes (with Netflix/VUDU)*1	Yes (with Netflix/VUDU)*1	Yes (with Netflix/VUDU)*1	Yes (with Netflix/VUDU)*1
Refresh Rate	AquoMotion 240	AquoMotion 240	AquoMotion 240	AquoMotion 240
Dynamic Contrast Ratio	8,000,000:1	8,000,000:1	6,000,000:1	6,000,000:1
Viewing Angles	176° H / 176° V	176° H / 176° V	176° H / 176° V	176° H / 176° V
Backlight	Edge lit LED	Edge lit LED	Edge lit LED	Edge lit LED
Tuner Type	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC
Response Time	4ms	4ms	4ms	4ms
Audio Output	10W +10W + 15W (Subwoofer)	10W +10W + 15W (Subwoofer)	10W +10W + 15W (Subwoofer)	10W +10W + 15W (Subwoofer)
OPC (Optical Picture Control)	Yes	Yes	Yes	Yes
ENERGY STAR® Qualified	Yes	Yes	Yes	Yes
HDMI® Input	4 (24p, x. v. Color, Deep Color)	4 (24p, x. v. Color, Deep Color)	4 (24p, x. v. Color, Deep Color)	4 (24p, x. v. Color, Deep Color)
Ethernet	1	1	1	1
USB Input	Yes (movies/photos/music)	Yes (movies/photos/music)	Yes (movies/photos/music)	Yes (movies/photos/music)
WiFi USB Dongle	Yes	Yes	Yes	Yes
PC Input	15-pin D-Sub x 1	15-pin D-Sub x 1	15-pin D-Sub x 1	15-pin D-Sub x 1
HD Component In*2	1	1	1	1
Composite Video Input (A/V)*2	1	1	1	1
Audio Inputs (L/R)	1	1	1	1
RF Input	1	1	1	1
RS-232C	9-pin x 1	9-pin x 1	9-pin x 1	9-pin x 1
Digital Audio Output	1	1	1	1
Power Source	120V, 60Hz	120V, 60Hz	120V, 60Hz	120V, 60Hz
Power Consumption	240W	200W	230W	180W
Dimensions TV and Stand (WxHxD)	56-21/32 x 38-25/64 x 14-1/2	49-5/8 x 33-29/32 x 13-25/64	56-21/32 x 38-25/64 x 14-1/2	49-5/8 x 33-29/32 x 13-25/64
Weight (lbs.) TV and Stand / TV Only	122.4/99.2	88.2/76.1	121.3/98.1	86.0/73.9

*1Membership and/or fees may apply
*2Mini Jack

SPECIFICATIONS



Model Number	LC-60LE820UN	LC-52LE820UN	LC-46LE820UN	LC-40LE820UN	LC-60LE810UN	LC-52LE810UN	LC-46LE810UN
Screen Size	60" Class (60-1/32" Diagonal)	52" Class (52-1/32" Diagonal)	46" Class (45-63/64" Diagonal)	40" Class (40" Diagonal)	60" Class (60-1/32" Diagonal)	52" Class (52-1/32" Diagonal)	46" Class (45-63/64" Diagonal)
Quattron quad pixel Technology	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Aspect Ratio	16:9	16:9	16:9	16:9	16:9	16:9	16:9
LCD Panel	X-Gen	X-Gen	X-Gen	X-Gen	X-Gen	X-Gen	X-Gen
Resolution/Format	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Embedded Disc Drive	No	No	No	No	No	No	No
Vyper Drive Game Mode	Yes	Yes	Yes	Yes	Yes	Yes	Yes
AQUOS Net	Yes (with Netflix)*	Yes (with Netflix)*	Yes (with Netflix)*	Yes (with Netflix)*	Yes (with Netflix)*	Yes (with Netflix)*	Yes (with Netflix)*
Refresh Rate	120Hz	120Hz	120Hz	120Hz	120Hz	120Hz	120Hz
Dynamic Contrast Ratio	5,000,000:1	5,000,000:1	5,000,000:1	5,000,000:1	4,000,000:1	4,000,000:1	4,000,000:1
Viewing Angles	176° H / 176° V	176° H / 176° V	176° H / 176° V	176° H / 176° V	176° H / 176° V	176° H / 176° V	176° H / 176° V
Backlight	Edge lit LED	Edge lit LED	Edge lit LED	Edge lit LED	Edge lit LED	Edge lit LED	Edge lit LED
Tuner Type	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC
Response Time	4ms	4ms	4ms	4ms	4ms	4ms	4ms
Audio Output	10W + 10W + 15W (Subwoofer)	10W + 10W + 15W (Subwoofer)	10W + 10W + 15W (Subwoofer)	10W + 10W + 15W (Subwoofer)	10W + 10W + 15W (Subwoofer)	10W + 10W + 15W (Subwoofer)	10W + 10W + 15W (Subwoofer)
OPC (Optical Picture Control)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ENERGY STAR® Qualified	Yes	Yes	Yes	Yes	Yes	Yes	Yes
HDMI® Input	4 (24p, x. v. Color, Deep Color)	4 (24p, x. v. Color, Deep Color)	4 (24p, x. v. Color, Deep Color)	4 (24p, x. v. Color, Deep Color)	4 (24p, x. v. Color, Deep Color)	4 (24p, x. v. Color, Deep Color)	4 (24p, x. v. Color, Deep Color)
Ethernet	1	1	1	1	1	1	1
USB Input	Yes (photos/music)	Yes (photos/music)	Yes (photos/music)	Yes (photos/music)	Yes (photos/music)	Yes (photos/music)	Yes (photos/music)
PC Input	15-pin D-Sub x 1	15-pin D-Sub x 1	15-pin D-Sub x 1	15-pin D-Sub x 1	15-pin D-Sub x 1	15-pin D-Sub x 1	15-pin D-Sub x 1
HD Component In	1	1	1	1	1	1	1
Composite Video Input (A/V)	1	1	1	1	1	1	1
Audio Inputs (L/R)	1	1	1	1	1	1	1
RF Input	1	1	1	1	1	1	1
RS-232C	9-pin x 1	9-pin x 1	9-pin x 1	9-pin x 1	9-pin x 1	9-pin x 1	9-pin x 1
Digital Audio Output	1	1	1	1	1	1	1
Power Source	120V, 60Hz	120V, 60Hz	120V, 60Hz	120V, 60Hz	120V, 60Hz	120V, 60Hz	120V, 60Hz
Power Consumption	230W	170W	160W	140W	230W	170W	160W
Dimensions TV and Stand (WxHxD)TV Only	56-21/32 x 38-25/64 x 14-1/2	49-5/8 x 33-29/32 x 13-25/64	44-3/8 x 30-59/64 x 13-25/64	39-3/32 x 27-27/32 x 10-27/32	56-5/8 x 38-23/64 x 14-1/2	49-37/64 x 33-29/32 x 13-25/64	44-19/64 x 30-7/8 x 13-25/64
Weight (lbs.) TV and Stand / TV Only	112.4 / 89.3	77.2 / 66.1	66.1 / 54.0	51.8 / 43.0	95.9 / 71.7	66.1 / 54.0	57.3/45.2

SPECIFICATIONS



Model Number	LC-40LE810UN	LC-55LE620UT	LC-46LE620UT	LC-42LE620UT	LC-32LS510UT	LC-22LS510UT	LC-19LS410UT
Screen Size	40" Class (40" Diagonal)	55" Class (54-5/8" Diagonal)	46" Class (45-63/64" Diagonal)	42" Class (42" Diagonal)	32" Class (31-35/64" Diagonal)	22" Class (21-1/2" Diagonal)	19" Class (18-1/2" Diagonal)
Quattron quad pixel Technology	Yes	No	No	No	No	No	No
Aspect Ratio	16:9	16:9	16:9	16:9	16:9	16:9	16:9
LCD Panel	X-Gen	TFT LCD	TFT LCD	TFT LCD	TFT LCD	TFT LCD	TFT LCD
Resolution/Format	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1366 x 768
Embedded Disc Drive	No	No	No	No	No	No	No
Vyper Drive Game Mode	Yes	Yes	Yes	Yes	No	No	No
AQUOS Net	Yes (with Netflix)*	No	No	Yes	No	No	No
Refresh Rate	120Hz	120Hz	120Hz	120Hz	60Hz	60Hz	60Hz
Dynamic Contrast Ratio	4,000,000:1	2,000,000:1	2,000,000:1	1,000,000:1	30,000:1	1,000,000:1	1,000,000:1
Viewing Angles	176° H / 176° V	176° H / 176° V	176° H / 176° V	176° H / 176° V	176° H / 176° V	170° H / 160° V	170° H / 160° V
Backlight	Edge lit LED	Edge lit LED	Edge lit LED	Edge lit LED	Edge lit LED	Edge lit LED	Edge lit LED
Tuner Type	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC
Response Time	4ms	5.5ms	5.5ms	6.5ms	6.5ms	5ms	5ms
Audio Output	10W + 10W + 15W (Subwoofer)	10W + 10W	10W + 10W	10W + 10W	10W + 10W	3W + 3W	3W + 3W
OPC (Optical Picture Control)	Yes	Yes	Yes	Yes	No	No	No
ENERGY STAR® Qualified	Yes	Yes	Yes	Yes	Yes	Yes	Yes
HDMI® Input	4 (24p, x. v. Color, Deep Color)	4	4	4	4	2	2
Ethernet	1	No	No	No	No	No	No
USB Input	Yes (photos/music)	Yes (movies/photos/music)	Yes (movies/photos/music)	Yes (movies/photos/music)	Yes (photos/music)	Yes (photos/music)	Yes (photos/music)
PC Input	15-pin D-Sub x 1	15-pin D-Sub x 1	15-pin D-Sub x 1	15-pin D-Sub x 1	No	No	No
HD Component In	1	2	2	2	2	1	1
S-Video Input	No	1	1	1	No	No	No
Composite Video Input (A/V)	1	1	1	1	1	1	1
Audio Inputs (L/R)	1	3	3	3	3	2	2
RF Input	1	1	1	1	1	1	1
RS-232C	9-pin x 1	9-pin x 1	9-pin x 1	9-pin x 1	9-pin x 1	9-pin x 1	9-pin x 1
Digital Audio Output	1	1	1	1	1	1	1
Power Source	120V, 60Hz	120V, 60Hz	120V, 60Hz	120V, 60Hz	120V, 60Hz	120V, 60Hz	120V, 60Hz
Power Consumption	140W	180W	160W	130W	86W	34W	28W
Dimensions TV and Stand	39-1/16 x 27-13/16 x 10-27/32	52-1/8 x 33-14/16 x 13-3/8	44-3/32 x 29-3/8 x 12-9/32	40-3/32 x 26-5/16 x 10-15/64	30-31/32 x 21-1/16 x 9-3/8	21-3/32 x 14-21/32 x 6-11/16	18-7/16 x 13-3/16 x 6-11/16
(WxHxD) TV Only	39-1/16 x 25-59/64 x 1-37/64	52-1/8 x 32-1/32 x 1-27/32	44-3/32 x 27-17/32 x 1-27/32	40-3/32 x 24-53/64 x 1-49/64	30-31/32 x 19-11/16 x 1-25/32	21-3/32 x 13-15/32 x 1-17/32	18-7/16 x 11-31/32 x 1-17/32
Weight (lbs.) TV and Stand/TV Only	43.0/35.3	35.5/30.9	49.4/39.5	35.5/30.9	22.5/19.4	9.77/8.82	8.16/7.21

*Membership and/or fees may apply

Specifications and images are subject to change without notice.

SPECIFICATIONS



Model Number	LC-60E88UN	LC-52D78UN	LC-46D78UN	LC-40D78UN	LC-40D68UN	LC-32DV28UT	LC-26DV28UT
Screen Size	60" Class (60-1/32" Diagonal)	52" Class (52-1/32" Diagonal)	46" Class (45-63/64" Diagonal)	40" Class (40" Diagonal)	40" Class (40" Diagonal)	32" Class (31 1/2" Diagonal)	26" Class (26" Diagonal)
Quattron quad pixel Technology	No	No	No	No	No	No	No
Aspect Ratio	16:9	16:9	16:9	16:9	16:9	16:9	16:9
LCD Panel	X-Gen	TFT LCD	TFT LCD	TFT LCD	TFT LCD	TFT LCD	TFT LCD
Resolution/Format	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1366 x 768	1366 x 768
Embedded Disc Drive	No	No	No	No	No	DVD	DVD
Vyper Drive Game Mode	Yes	Yes	Yes	Yes	Yes	No	No
AQUOS Net	No	No	No	No	No	No	No
Refresh Rate	240Hz	120Hz	120Hz	120Hz	60Hz	60Hz	60Hz
Dynamic Contrast Ratio	25,000:1	25,000:1	25,000:1	25,000:1	25,000:1	20,000:1	10,000:1
Viewing Angles	176° H / 176° V	176° H / 176° V	176° H / 176° V	176° H / 176° V	176° H / 176° V	176° H / 176° V	160° H / 150° V
Backlight	CCFL	CCFL	CCFL	CCFL	CCFL	CCFL	CCFL
Tuner Type	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC
Response Time	4ms	4ms	4ms	4ms	4ms	6ms	6ms
Audio Output	10W + 10W	10W + 10W	10W + 10W	8W + 8W	8W + 8W	5W + 5W	5W + 5W
OPC (Optical Picture Control)	Yes	Yes	Yes	Yes	Yes	No	No
ENERGY STAR® Qualified	Yes	Yes	Yes	Yes	Yes	Yes	Yes
HDMI® Input	4	3	3	3	3	2	2
Ethernet	No	No	No	No	No	No	No
USB Input	No	No	No	No	No	No	No
PC Input	15-pin D-Sub x 1	15-pin D-Sub x 1	15-pin D-Sub x 1	15-pin D-Sub x 1	15-pin D-Sub x 1	15-pin D-Sub x 1	15-pin D-Sub x 1
HD Component In	2	2	2	2	2	1	1
S-Video Input	No	No	No	No	No	1	1
Composite Video Input (A/V)	2	2	2	1	1	2	2
Audio Inputs (L/R)	2	2	2	2	2	1	1
RF Input	1	1	1	1	1	No	No
RS-232C	9-pin x 1	No	No	No	No	No	No
Digital Audio Output	1	1	1	1	1	1 (Coaxial)	1 (Coaxial)
Power Source	120V	120V	120V	120V	120V	120V	120V
Power Consumption	390W	272W	188W	193W	170W	104W	65W
Dimensions TV and Stand	56-5/8 x 37-29/64 x 17-9/16	49-5/8 x 33-5/64 x 13-61/64	44-1/16 x 29 19/64 x 13-61/64	38-7/8 x 26-4/64 x 12-3/8	38-7/8 x 26-9/64 x 12-3/8	31-3/8 x 23-1/2 x 9-9/16	26-1/32 x 20 x 9-9/16
(WxHxD) TV Only	56-5/8 x 35-11/64 x 4-45/64	49-5/8 x 30-59/64 x 4-27/64	44-1/16 x 27-29/64 x 3-61/64	38-7/8 x 24 19/64 x 4-1/4	38-7/8 x 24-19/64 x 4-1/4	31-3/8 x 21-1/2 x 4-1/8	26-1/32 x 18-13/64 x 3-61/64
Weight (lbs.) TV and Stand / TV Only	92.6 / 81.6	56.2 / 46.2	47.4 / 40.8	36.4 / 32.0	33.1 / 28.7	26.1 / 22.5	20.9 / 17.8

SPECIFICATIONS



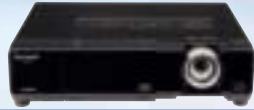
Model Number	LC-22DV28UT	LC-19DV28UT	LC-42SB48UT	LC-32SB28UT	LC-26SB28UT	LC-22SB28UT	LC-19SB28UT
Screen Size	22" Class (21-1/2" Diagonal)	19" Class (18-1/2" Diagonal)	42" Class (42-1/50" Diagonal)	32" Class (31-1/2" Diagonal)	26" Class (26" Diagonal)	22" Class (21-1/2" Diagonal)	19" Class (18-1/2" Diagonal)
Quattron quad pixel Technology	No	No	No	No	No	No	No
Aspect Ratio	16:9	16:9	16:9	16:9	16:9	16:9	16:9
LCD Panel	LCD	LCD	LCD	LCD	LCD	LCD	LCD
Resolution/Format	1366 x 768	1366 x 768	1920 x 1080	1366 x 768	1366 x 768	1366 x 768	1366 x 768
Embedded Disc Drive	DVD	DVD	No	No	No	No	No
Vyper Drive Game Mode	No	No	No	No	No	No	No
AQUOS Net	No	No	No	No	No	No	No
Refresh Rate	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz
Dynamic Contrast Ratio	TBA	TBA	50,000:1	20,000:1	10,000:1	TBA	TBA
Viewing Angles	170° H / 160° V	170° H / 160° V	176° H / 176° V	176° H / 176° V	160° H / 150° V	170° H / 160° V	170° H / 160° V
Backlight	CCFL	CCFL	CCFL	CCFL	CCFL	CCFL	CCFL
Tuner Type	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC
Response Time	5ms	5ms	6.5ms	8.5ms	6ms	5ms	5ms
Audio Output	1.5W+1.5W	1.5W +1.5W	10W+10W	5W +5W	5W +5W	1.5W +1.5W	1.5W +1.5W
OPC (Optical Picture Control)	No	No	No	No	No	No	No
ENERGY STAR® Qualified	Yes	Yes	Yes	Yes	Yes	Yes	Yes
HDMI® Input	1	1	4	4	2	1	1
USB Input	No	No	Yes (photos/music)	Yes (photos/music)	No	No	No
PC Input	15-pin D-Sub x 1	15-pin D-Sub x 1	15-pin D-Sub x 1	15-pin D-Sub x 1	15-pin D-Sub x 1	15-pin D-Sub x 1	15-pin D-Sub x 1
HD Component In	1	1	2	2	1	1	1
S-Video Input	1	1	No	No	1	1	1
Composite Video Input (A/V)	1	1	1	1	2	1	1
Audio Inputs (L/R)	2	2	3	3	2	2	2
RF Input	1	1	1	1	1	1	1
RS-232C	No	No	1	1	No	No	No
Digital Audio Output	1 (Coaxial)	1 (Coaxial)	1	1	1 (Coaxial)	1 (Coaxial)	1 (Coaxial)
Power Source	120V	120V	120V	120V	120V	120V	120V
Power Consumption	39W	38W	185W	85W	63W	34W	29W
Dimensions TV and Stand	21-1/8 x 15-19/32 x 7-59/64	18-19/32 x 14-7/32 x 7-59/64	39-31/32 x 27-11/16 x 10-5/8	31-1/8 x 22-7/16 x 9-7/16	26-1/32 x 20 x 9-9/16	21-1/8 x 15-19/32 x 7-59/64	18-19/32 x 14-7/32 x 7-59/64
(WxHxD) TV Only	21-1/8 x 14-15/32 x 2-41/64	18-19/32 x 13-5/64 x 2-41/64	39-31/32 x 25-25/32 x 3-13/16	31-1/8 x 20-3/4 x 3-9/16	26-1/32 x 18-13/64 x 3-61/64	21-1/8 x 14-15/32 x 2-4/64	18-9/32 x 13-5/64 x 2-41/64
Weight (lbs.) TV and Stand / TV Only	12.1/10.8	10.3/9.0	40.0/34.8	23.7/20.4	19.8/16.9	11.0/9.7	9.4/8.1

SPECIFICATIONS



Model Number	BD-HP90U	BD-HP80U	BD-HP70U	BD-HP24U	BD-MPC41U
HD Disc Format	3D Blu-ray Disc™	3D Blu-ray Disc™	Blu-ray Disc™	Blu-ray Disc™	Blu-ray Disc™
Media Profile	2.0 Version	2.0 Version	2.0 Version	2.0 Version	2.0 Version
BD Live	Yes	Yes	Yes	Yes	Yes
DVD Video	Yes	Yes	Yes	Yes	Yes
DVD-RW/R	Yes	Yes	Yes	Yes	Yes
DVD+RW/R	Yes	Yes	Yes	Yes	Yes
CD-DA/CD-RW/R	Yes	Yes	Yes	Yes	Yes
MP3 / JPEG – CD-RW/R / USB	Yes (20 MB maximum)	Yes (20 MB maximum)	Yes (20 MB maximum)	Yes (20 MB maximum)	Yes (20 MB maximum)
Format					
MPEG2	Yes	Yes	Yes	Yes	Yes
DIVX HD	Yes	Yes	No	No	No
AC3	Yes	Yes	Yes	Yes	Yes
DTS	Yes	Yes	Yes	Yes	Yes
Linear PCM	Yes	Yes	Yes	Yes	Yes
DTS HD Master / High Res.	Yes	Yes	Yes	Yes	Yes
Dolby® Digital Plus	Yes	Yes	Yes	Yes	Yes
Dolby® TrueHD (Lossless) (96kHz)	Yes	Yes	Yes	Yes	Yes
Features					
HDMI® Technology (Output Resolution)	1080p	1080p	1080p	1080p	1080p
AQUOS LINK™ Function	Yes	Yes	Yes	Yes	Yes
HDMI® 1080P, 24Hz Output	Yes	Yes	Yes	Yes	Yes
ENERGY STAR® Qualified	Yes	Yes	Yes	Yes	No
Wireless LAN	Yes	Yes	Yes	No	No
Pop-up Menu System	Yes	Yes	Yes	Yes	Yes
Display Dimmer	Yes	Yes	Yes	Yes	Yes
Parental Lock	Yes	Yes	Yes	Yes	Yes
On Screen Control via HDMI® (AQUOS LINK™)	Yes	Yes	Yes	Yes	Yes
Netflix Movie Streaming Service*	Yes	Yes	Yes	Yes	Yes
VUDU Movie/Pandora Music Streaming*	Yes	Yes	No	No	No
YouTube Video Streaming	No	No	Yes	No	No
Output Terminals					
Composite Video	No	No	RCA x 1	RCA x 1	RCA x 1
HD Component	No	No	1	1	1
HDMI® Output	1	1	1	1	1
Analog Audio Output (L/R)	No	No	1	1	1
Digital Out (Optical)	1	1	1	1	No
Ethernet Jack	1	1	1	1	1
USB Input	1	1	2 (Front/Rear)	1	2 (Front/Rear)
RS-232C	1	No	1	No	No
Input Terminals	No	No	No	No	2 Digital / 1 Analog / iPod Connection
Power Consumption/Stand-by	16W/0.4W	16W/0.4W	18W/0.4W	14W/0.4W	147W/0.47W
Dimensions (WxHxD)	16-7/8 x 1-3/8 x 8-1/2	16-7/8 x 1-3/8 x 8-1/2	17 x 2-9/32 x 8-11/16	17-1/16 x 2-5/16 x 8-11/16	17-1/16 x 2-3/8 x 13-1/8 (Main Unit)
Weight (lbs)	5.1	5.1	7.0	4.9	11.3 (Main Unit)

SPECIFICATIONS



Model Number	XV-Z15000
HDTV Compatible	1080p, 1080i, 1035i, 720p, 576p, 576i, 540p, 480p, 480i
Aspect Ratio	16:9
Resolution	1920 x 1080
Luminance*1	1600 ANSI (in High Brightness Mode)
Contrast Ratio	30,000:1 (in High Contrast Mode)
Maximum Screen Size	500" (Diagonally Using 16:9 Aspect Ratio)
Projection Distance	100" Screen Throw Distance 10' 4" - 11' 11"
Throw Ratio	1.41 - 1.63
Display Method	DLP® chip from Texas Instruments
Film Mode	24Hz Progressive Format
Computer Compatibility	VGA, SVGA, XGA, WXGA, SXGA, SXGA+, WSXGA
Digital Keystone	Auto: Vertical, Manual: Vertical & Horizontal
Video System	NTSC (and 4.43)/PAL (and 60Hz) /PAL-M/PAL-N/SECAM
Lens Type	1.15X Manual Zoom and Focus
Projection Lamp Type / Life*2	250W SHP/up to 3000 hours (in Eco mode)
Fan Noise	23dB (Eco+Quiet mode)
HDMI® Input	2
HD Component In	1 (3 RCA)
S-Video Input	1 (4-Pin Mini DIN)
RGB Input	1 (D-Sub)
Composite Video	1 (RCA)
RS-232C	9-pin x 1 (D-Sub)
Vyper Drive Game Mode	Yes
Gamma Correction	Yes
Detachable AC Cord	Yes
Color Temperature Adjustment	Yes
Wireless Remote Control	Yes
Power Source	100-240V AC, 50/60Hz (Multi-Voltage)
Power Consumption	339W (8.3W) - 240V/353W (7.6W) - 100V
Dimensions (Main Body Only)	15-3/4 x 3-15/16 x 13-13/64
Weight (lbs)	12.8

*1Brightness values indicate overall average values of the product at the time of shipment and are stated based on ISO 21118-2005.
*2The lamp life may vary depending on the usage condition.



Sharp, AQUOS and all related trademarks are trademarks or registered trademarks of Sharp Corporation and/or its affiliated companies. Think Green is a trademark of Sharp Electronics of Canada Ltd. All other trademarks and registered trademarks are the property of their respective owners.

The DLP and DLP logo are registered trademarks of Texas Instruments.

HDMI®, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI® Licensing, LLC.

DTS is a trademark of DTS, Inc.

Dolby®, Prologic and the double-D symbol are registered trademarks of Dolby Laboratories.

iPod™ and iPhone are trademarks of Apple Inc., registered in the U.S. and other countries.

iPhone is a trademark of Apple Inc.

"Made for iPod" and "works with iPhone" means that an electronic accessory has been designed to connect specifically to iPod or iPhone, 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.

BD-Live is a trademark of the Blu-ray Disc Association. Blu-ray, Blu-ray Disc, and Blu-ray 3D are trademarks of the Blu-ray Disc Association.

VUDU™, Vudu is a trademark of VUDU, Inc.

The YouTube name and logo are trademarks of Google, Inc.

© 2010 Universal Studios. All Rights Reserved.

The Notebook – Copyright © 2004 New Line Productions, Inc; Edward Scissorhands: © 1990 Twentieth Century Fox Film Corporation. All rights reserved; The Dark Knight – BATMAN and all related characters and elements are TM and © of DC Comics © 2008 Warner Bros. Entertainment Inc. All Rights Reserved; Blade Runner – Copyright © 1982 Warner Bros. Entertainment Inc. All Rights Reserved. Fight Club: © 1999 Twentieth Century Fox Film Corporation. All Rights Reserved; Iron Giant – © 1999 Warner Bros. Entertainment Inc. All Rights Reserved. Office Space - © 1999 Twentieth Century Fox Film Corporation. All Rights Reserved.



UNIVERSAL
STUDIOS
HOME ENTERTAINMENT
A Division of NBC Universal



WWW.DESPICABLE.ME

SHARP®

SHARP ELECTRONICS CORPORATION
Sharp Plaza, Mahwah, NJ 07495-1163
1-800-BE-SHARP • www.sharpsusa.com



Mixed Sources
Product group from well-managed
forests, controlled sources and
recycled wood or fiber

Cert no. SIB-COC-00009
www.fsc.org
©1996 Forest Stewardship Council