

SHARP[®]



THE OFFICIAL HDTV OF MAJOR LEAGUE BASEBALL

AQUOS[®]



LC-52D64U actual size—3.75" deep



Rich and thin. Really thin.

The D64U series gives you a larger screen size in a thinner, narrower frame—so an even bigger, more incredible picture now fits into the same space that a smaller screen normally requires.

Introducing the AQUOS® D64U Series—the slimmest, lightest AQUOS LCD TVs ever.



Bring the details home with our D64U series.

Only Sharp can bring you the most advanced high-definition TV technology and picture available—and package it in this extremely thin, beautifully designed frame and cabinet. Considerably lighter and thinner than our previous LCD TVs, the D64U series leads the field as Sharp continually advances its LCD TV technology in key specifications: Full HD 1080p, very high contrast ratio, fast pixel response time and multiple HDMI™ inputs.

The D64U's space-saving, elegant design is the slimmest line of big-screen flat-panel TVs—and the thinnest line of AQUOS® LCD TVs—ever built. Its narrower frame means more picture in less space: With less border around the screen, you see even more of the remarkable picture. You'll delight in the D64U's superior features: Full HD 1080p (a 1920 x 1080-pixel panel) resolution produces double the precision for the sharpest possible picture, and a 10,000:1 dynamic contrast ratio with 4ms response time delivers amazingly accurate picture quality. High-efficiency backlight, high-performance speakers and built-in ATSC/QAM/NTSC tuners all hit the mark, as do the versatile connections: three HDMI™ inputs (ver. 1.3), RS-232C for control, PC input, plus component and composite terminals. The AQUOS LINK™ function enables convenient control of an AQUOS Blu-ray Disc™ player via HDMI™ using the AQUOS TV remote.

Whether in a 42-, 46-, 52- or breathtaking 65-inch screen size class model, the AQUOS D64U scores on all counts.



65"
CLASS LC-65D64U



52"
CLASS LC-52D64U



LC-52D64U

Key Features: D64U Series

- Space-saving Slim-line design
- 1920 x 1080 pixels (1080p)
- ASV technology/Black TFT LCD panel
- HDTV (1080p) tuner
- 10,000:1 dynamic contrast ratio with enhanced picture contrast technology
- 4ms response time with Fine Motion Mode on
- 4-wavelength backlight
- Built-in ATSC/QAM/NTSC tuners
- Multi-Pixel Technology
- Three HDMI™ inputs and dual component
- High brightness (450 cd/m²)
- Bottom-mounted, recessed speakers
- PC input and RS-232C
- 15W x 2 audio output
- 176° viewing angles
- 60,000-hour lamp life
- Side terminals
- High-gloss black cabinet



46"
CLASS LC-46D64U



42"
CLASS LC-42D64U

FULL HD 1080P

AQUOS LINK™

Slim-line Design

Easy Access Side Terminals

Advanced AQUOS® LCD-TV technology

Great style and performance do not 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 year after year, brings all this and more to LCD TV technology, continually raising the bar for outstanding quality and high performance.

Full HD 1080p

A full HD panel with 1920 x 1080 pixels delivers 100 percent of the high-definition signal, compared to a conventional HD (W-XGA) panel, which delivers only 50 percent of the number of pixels. With 6.2 million dots, a full HD panel delivers high-resolution pictures with twice the precision—for more detailed, more beautiful images. Full high-definition is the clear solution for the HD era.

Next-Generation Advanced Super View (ASV) LCD Panel

The purest whites. The deepest blacks. The most vivid range of color. That's what comes with Sharp's innovative LCD panel technology. The panel uses an enhanced color filter that allows greater light transmission—providing a dynamic contrast ratio up to 15,000:1 and 4ms response time for true film-like smoothness. This means richer color and a more accurate, more brilliant depiction of the world on screen.

Multi-Pixel Technology

By dividing each pixel into two sections and developing an advanced driving system, Sharp's Multi-Pixel Technology delivers more natural and accurate color reproduction when viewing the screen from virtually any angle. This technology improves extreme-angle viewing by approximately 60 percent.



Standard panel

Full HD 1080p panel



Contrast with Original Color Filter



Improved Contrast with Enhanced Color Filter



Without Multi-Pixel Technology



With Multi-Pixel Technology

Images on this page are simulated for comparative purposes.

Very vivid. Very bright. Very Sharp.

Revolutionary Wavelength Backlight System

The conventional three-wavelength red, green and blue LCD backlight just got better. Sharp vastly improves natural color reproduction with the development of its four-wavelength backlight system, adding a remarkably vivid crimson red to the palette—and changing the way LCD TV is viewed. The D92 series and LC-65D93U take the technology a step further with a five-wavelength backlight system, adding an even deeper green.



Conventional Backlight System



Four-Wavelength Backlight System

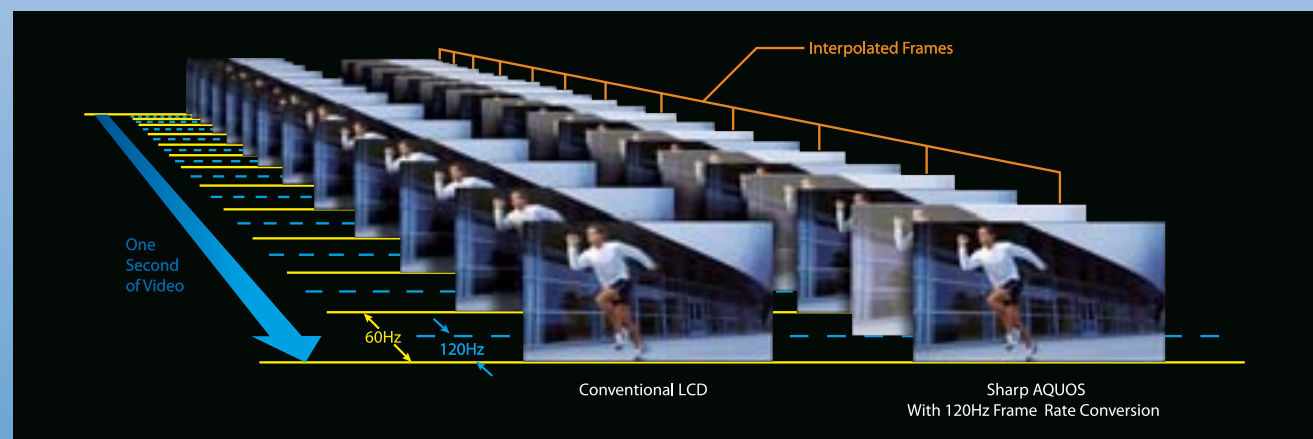
Images on this page are simulated for comparative purposes.

Proprietary Fine Motion Video Technology

Blurry moving images on an LCD are a thing of the past. Sharp introduces a high-speed impulse drive to eliminate the problem of blurry moving video images caused by the hold-mode drive. This new technology inserts a black signal that allows transitioning frames in a video to remain clear and crisp.

Fine Motion Advanced

1. On traditional televisions with a frame rate conversion of 60Hz, action scenes appear blurred because your eyes actually process information faster than it is displayed.
2. By doubling the frame rate conversion from 60Hz to 120Hz, Sharp displays twice as many images in the same amount of time. This reduces animation blur for a smoother, sharper transition between scenes—great for sports, action movies and video games.



Key Features: LC-65D93U

1920 x 1080 pixels (1080p)

ASV technology/Black TFT LCD panel

HDTV (1080p) tuner

15,000:1 dynamic contrast ratio with enhanced picture contrast technology

Fine motion advanced 120Hz frame rate conversion

4ms response time (120Hz FRC on)

Backlight system: 5-wavelength with active backlight/gamma correction

Built-in ATSC/QAM/NTSC tuners

Multi-Pixel Technology

Three 1080p HDMI™ and two 1080p HD component terminals, 1080p DVI-I terminal, RS-232C

High brightness (450 cd/m²)

Bottom-mounted speakers

15W x 2 audio output

176° viewing angles

60,000-hour lamp life

High-gloss black cabinet



A diamond in an elegant setting.

The AQUOS® LC-65D93U brings state-of-the-art features from the D92U series into an extraordinary 65-inch screen size class. Full HD 1080p resolution, dramatically enhanced black level and an elegant new design show off this model's many brilliant facets. Its next-generation 16:9 Advanced Super View/Black TFT LCD panel with Multi-Pixel Technology provides a 15,000:1 dynamic contrast ratio for excellent color reproduction at wide viewing angles and fine motion advanced 120Hz driving frame rate conversion for the ultimate in fast-motion image quality. The LC-65D93U's five-wavelength backlight system widens the available color spectrum by displaying very deep greens and crimson reds. Other features that make this model shine: six 1080p-compatible inputs for source flexibility and a table stand that can easily be removed for wall mounting of the TV.



65"
CLASS LC-65D93U



LC-52D92U

Key Features: D92U Series

1920 x 1080 pixels (1080p)

ASV technology/Black TFT LCD panel

HDTV (1080p) tuner

15,000:1 dynamic contrast ratio with enhanced picture contrast technology

Fine motion advanced 120Hz frame rate conversion

4ms response time (120Hz FRC on)

Backlight system: 5-wavelength with active backlight/gamma correction

Built-in ATSC/QAM/NTSC tuners

Multi-Pixel Technology

Three 1080p HDMI™ inputs and two 1080p HD component terminals, 1080p DVI-I terminal, RS-232C

High brightness (450 cd/m²)

Detachable slim speakers

15W x 2 audio output

176° viewing angles

60,000-hour lamp life

High-gloss black cabinet



52"
CLASS LC-52D92U



46"
CLASS LC-46D92U

Key Features: D82U Series

1920 x 1080 pixels (1080p)

ASV technology/Black TFT LCD panel

HDTV (1080p) tuner

10,000:1 dynamic contrast ratio with enhanced picture contrast technology

Fine motion advanced 120Hz frame rate conversion

4ms response time (120Hz FRC on)

Backlight system: 4-wavelength

Built-in ATSC/QAM/NTSC tuners

Three 1080p HDMI™ inputs and two 1080p HD component terminals

High brightness (450 cd/m²)

Bottom-mounted speakers

15W x 2 audio output

176° viewing angles

60,000-hour lamp life

High-gloss black cabinet



Precision comes alive. Beautifully.

This elegant series transforms both your room and your entertainment experience. The remarkable technology of the D82U series enhances viewing by using a four-wavelength backlight system that produces bright, vivid colors and impressively high-contrasting blacks and whites. The 10,000:1 dynamic contrast ratio combines with 120Hz frame rate conversion, 4ms response time and 1920 x 1080 full HD 1080p resolution Advanced Super View/Black TFT LCD panels as well as integrated tuners for a stunning full display that captures and defines every possible detail. The high-resolution visual wonders are complemented by the D82U's crisp 15W x 2 audio output. With exceptional viewing and sound clarity from virtually any angle, any seat in the room is the best seat in the room.



52"
CLASS LC-52D82U



46"
CLASS LC-46D82U



LC-52D82U

Key Features: LC-37D62U and LC-32D62U

1920 x 1080 pixels (1080p)

ASV technology/Black TFT LCD panel

HDTV (1080p) tuner

10,000:1 dynamic contrast ratio with enhanced picture contrast technology (8500:1 on 37" class)

6ms response time with Fine Motion Mode on

4-wavelength backlight

Built-in ATSC/QAM/NTSC tuners

Multi-Pixel Technology

Dual 1080p-HDMI™ inputs

Bottom-mounted, recessed speakers

176° viewing angles

60,000-hour lamp life

High-gloss black cabinet



Black is back and better than ever.

In a world where color trends come and go, Sharp's contemporary classic—the D62U series—makes a statement. With 32- and 37-inch screen size classes, including the industry's first 32-inch screen size class full HD 1080p model, the D62U series offers elegant, cutting-edge flat-panel televisions. This series sets new standards in HDTV style and innovation, with a striking piano-black finish, subtly recessed speakers, brilliant color reproduction and spectacular picture quality. In addition to providing high contrast ratios, the newest AQUOS® series includes a next-generation Advanced Super View/Black TFT LCD panel that delivers full HD 1080p (1920 x 1080) resolution for the sharpest possible picture. Plus, its Multi-Pixel Technology significantly improves color reproduction at virtually every viewing angle. The dual HDMI™ inputs are compatible with 1080p sources such as Blu-ray Disc™ players.



37" LC-37D62U
CLASS



32" LC-32D62U
CLASS

Cabinet Detail



Game players' delight.

The GP1U series takes the video gaming experience to new heights. Designed to optimize both the picture quality and response time of video games, the GP1U series is the game player's dream. Vyper Drive game mode eliminates the lag time between the console and the TV. Full HD 1080p side terminal inputs make connection to your state-of-the-art game console a snap, and a dedicated button on the remote control allows players to easily jump to "game mode" when the mood strikes.

Key Features: GP1U Series

1920 x 1080 pixels (1080p)

ASV technology/Black TFT LCD panel

HDTV (1080p) tuner

10,000:1 dynamic contrast ratio (8500:1 on 37" class)

Fast 6ms response time

Built-in ATSC/QAM/NTSC tuners

Three 1080p HDMI™ inputs, dual 1080p component inputs and one 1080p DVI-I input

Vyper Drive game mode

Custom remote control with game access button

Bottom-mounted speakers

Subwoofer audio output

Side terminals for easy game access

High-gloss black cabinet



LC-32GP1U



37"
CLASS LC-37GP1U



32"
CLASS LC-32GP1U



You know spectacular when you see it.

Key Features: D43U Series

True 16:9 aspect ratio (1366 x 768 pixels)

ASV technology/Black TFT LCD panel

Built-in ATSC/QAM/NTSC tuners

7500:1 dynamic contrast ratio with enhanced picture contrast technology (6000:1 on 37", 32" and 26" screen size classes)

6ms response time

Dual HDMI™ inputs

Bottom-mounted speakers

PC input

176° viewing angles

60,000-hour lamp life

High-gloss black cabinet

It's a good thing staring is polite when it comes to television. And with an AQUOS® LCD TV, staring is absolutely irresistible. With the D43U series offering models up to a 52-inch screen size class, AQUOS television styling defies convention once again. Its striking lines and classic black cabinet make it a standout in the sea of LCD televisions. These HDTV models use Quick Shoot video circuitry and the Advanced Super View/Black TFT LCD panel, delivering fast response times and a spectacular picture. As if that weren't enough, the D43U series incorporates a key feature: a PC input to turn your TV into a PC monitor.



52"
CLASS LC-52D43U



46"
CLASS LC-46D43U



42"
CLASS LC-42D43U



LC-37D43U

Key Features: LC-26D42U-W

- True 16:9 aspect ratio (1366 x 768 pixels)
- ASV technology/Black TFT LCD panel
- Built-in ATSC/QAM/NTSC tuners
- 6000:1 dynamic contrast ratio with enhanced picture contrast technology
- 6ms response time
- Dual HDMI™ inputs
- Bottom-mounted speakers
- PC input
- 176° viewing angles
- 60,000-hour lamp life
- High-gloss pearl white cabinet color on 26" class



37"
CLASS LC-37D43U



32"
CLASS LC-32D43U



26"
CLASS LC-26D43U



26"
CLASS LC-26D42U-W

Key Features: DV22U Series

Built-in side-loading DVD player

True 16:9 aspect ratio (1366 x 768 pixels)

ASV technology/Black TFT LCD panel

Built-in ATSC/QAM/NTSC tuners

1200:1 native contrast ratio

6ms response time

HDMI™ and HD component terminals

Bottom-mounted speakers

PC input

60,000-hour lamp life

High-gloss black cabinet



Built-in DVD Player



Double play.



DVD teams up with HDTV.

This latest HDTV/DVD combination unit offers a space-saving, all-in-one solution that is perfect for any room in the home. In addition to a built-in progressive scan side-loading DVD player, both the 26- and 32-inch screen size class models of the DV22U series deliver rich black tones and produce crisp images with high contrast ratios. High brightness levels, a hallmark of Sharp's innovation, create clear, vibrant pictures and true-to-life color clarity in most lighting conditions. Sharp's award-winning LCD technology makes the DV22U a perfect combo unit.

Key Features: LC-26DV22U-W

- Built-in side-loading DVD player
- True 16:9 aspect ratio (1366 x 768 pixels)
- ASV technology/Black TFT LCD panel
- Built-in ATSC/QAM/NTSC tuners
- 1200:1 native contrast ratio
- 6ms response time
- HDMI™ inputs and HD component terminals
- Bottom-mounted speakers
- PC input
- 60,000-hour lamp life
- White cabinet



32" LC-32DV22U
CLASS



26" LC-26DV22U
CLASS



26" LC-26DV22U-W
CLASS



LC-32DV22U

Key Features: BD-HP20U Blu-ray Disc™ Player

Slim profile design

Full HD 1080p/24 fps video output

HDMI™ digital interface

Dolby® Digital Plus and Dolby TrueHD
decoding capability

7.1 Ch digital audio output*

AQUOS LINK™: enables integrated operation
among other Sharp AQUOS LINK™ products via
HDMI™ connection

Quick Start mode: enjoy content quickly
without delay



*Via HDMI™ connection



High-definition playback with AQUOS® BD Player

Now you can enjoy the best of 1080p video on your AQUOS HDTV. Especially designed to work with AQUOS LCD TVs, the BD-HP20U AQUOS BD player provides seamless operability via the AQUOS LINK™ function, through the HDMI™ connection. Performing as if it were all one system, the BD-HP20U's Quick Start feature lets you begin enjoying gorgeous Blu-ray Disc™ video with the touch of a button in less than 10 seconds.* The BD-HP20U provides outstanding versatility and is compatible with a wide variety of formats including BD-ROM/RE/R, DVD Video, DVD-RW/R and DVD+RW/R. Additionally, the BD-HP20U plays audio CDs as well. With eight terminal outputs including HDMI™ Ver 1.3 and 1080p as well as DVD up-conversion to 1080p, you'll enjoy full digital high-definition video and high-fidelity audio. The piano-black finish and slim profile design make it the ideal HD source for a large screen AQUOS TV.

*Quick Start time may vary depending on movie content, type of video connection, and type of monitor being used. Disc must be pre-loaded for Quick Start activation.



What a hit!



LC-20D42U

Sleek black beauties.

Our 20-inch screen size class SDTV and HDTV run ahead of the pack. With crystal clear LCD displays and impressive pictures, these thoroughbreds are the ultimate in versatility, style and performance. Sharp's proprietary Advanced Super View/Black TFT LCD panel delivers winning qualities in these smaller TVs, available in both 4:3 and 16:9 formats.

Both feature high contrast ratios, low reflection glare reduction and wide viewing angles. Featuring a distinctive bottom-speaker design and wall mountable, the LC-20D42U also has a 15-pin PC input and dual HDMI™ inputs for additional flexibility.

Key Features: LC-20S7U

- 4:3 aspect ratio (640 x 480 pixels)
- ASV technology/Black TFT LCD panel
- Built-in ATSC/NTSC tuners
- 500:1 contrast ratio
- 1 component in, 1 S-video in, 2 composite in
- Bottom-mounted speakers
- 170° viewing angles
- 60,000-hour lamp life
- High-gloss black cabinet



20"
CLASS LC-20S7U



20"
CLASS LC-20D42U

Key Features: LC-20D42U

- True 16:9 aspect ratio (1366 x 768 pixels)
- 1200:1 Contrast ratio for accurate black levels
- ATSC/QAM/NTSC tuners
- OPC—Optical picture control auto adjusts with room lighting
- PC input
- HDMI™/component/composite/S-video



Small space. Big features.

Good things definitely come in small packages. The LC-19D44U is at home on a TV stand or wall mounted.

This 19-inch screen size class HDTV features a stylish, high-gloss piano-black finish that complements most any room. The many inputs and outputs make this TV larger than life in its ability to coordinate with other components. The remote for the LC-19D44U includes an illuminated digital clock and kitchen timer.



LC-19D44U

Key Features: LC-19D44U

True 16:9 aspect ratio (1366 x 768 pixels)

ATSC/QAM/NTSC tuners

OPC—Optical picture control auto adjusts with room lighting

PC input

HDMI™ input/component/composite/S-video

Timer remote with alarm/clock

Advanced picture settings for color control



19" CLASS LC-19D44U

Remote Detail





Specifications

Model Number	LC-65D64U	LC-52D64U	LC-46D64U	LC-42D64U	LC-65D93U
Screen Size Class	65"	52"	46"	42"	65"
Diagonal Measurement	64 33/64"	52 1/32"	45 63/64"	42 1/64"	64 33/64"
Aspect Ratio	16:9	16:9	16:9	16:9	16:9
DTV Capability	HDTV	HDTV	HDTV	HDTV	HDTV
LCD Panel	Advanced Super View/Black TFT LCD Panel	Advanced Super View/Black TFT LCD Panel	Advanced Super View/Black TFT LCD Panel	Advanced Super View/Black TFT LCD Panel	Advanced Super View/Black TFT LCD Panel
Number of Pixels (dots)	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Built-in DVD Slot	—	—	—	—	—
Luminance (cd/m2)	450	450	450	450	450
Fine Motion Advanced (120Hz)	—	—	—	—	X
Dynamic Contrast Ratio*1	10,000:1	10,000:1	10,000:1	10,000:1	15,000:1
Native Contrast Ratio	2000:1	2000:1	2000:1	2000:1	3000:1
Viewing Angles (H x V)	176° x 176°	176° x 176°	176° x 176°	176° x 176°	176° x 176°
Lamp Life*2 (Hours)	60,000	60,000	60,000	60,000	60,000
Backlight	4-Wavelength	4-Wavelength	4-Wavelength	4-Wavelength	5-Wavelength
Tuner Type	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC
Multi-Pixel Technology	X	X	X	X	X
Response Time	4ms*4	4ms*4	4ms*4	4ms*4	4ms*5
Audio Output	15W + 15W	15W + 15W	15W + 15W	15W + 15W	15W + 15W
Speakers Location/Type	Bottom/Fixed	Bottom/Fixed	Bottom/Fixed	Bottom/Fixed	Bottom/Fixed
OPC (Optical Picture Control)	X	X	X	X	X
Terminals					
HDMI™ In	3 (1 side, 2 rear)	3 (1 side, 2 rear)	3 (1 side, 2 rear)	3 (1 side, 2 rear)	3
DVI-I with Audio In	—	—	—	—	1
RGB 15-Pin Input	X	X	X	X	—
HD Component In	2 (1080 compatible) – 1 side, 1 rear	2 (1080p compatible) – 1 side, 1 rear	2 (1080p compatible) – 1 side, 1 rear	2 (1080p compatible) – 1 side, 1 rear	2 (1080p compatible)
S-Video In	1	1	1	1	1
Composite Video In	3 (1 side, 2 rear)	3 (1 side, 2 rear)	3 (1 side, 2 rear)	3 (1 side, 2 rear)	2
Audio L/R In	4	4	4	4	4
RF	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
Digital Audio Out	X	X	X	X	X
Power Source AC Input	120V	120V	120V	120V	120V
Power Consumption	525W	290W	256W	215W	475W
Cabinet Color	High Gloss Black	High Gloss Black	High Gloss Black	High Gloss Black	Black
Dimensions with stand/with speakers	60 11/64" x 40" x 15 7/8"	48 45/64" x 32 59/64" x 12 13/16"	43 23/64" x 29 59/64" x 12 13/16"	39 17/32" x 27 7/8" x 12 13/16"	62 11/64" x 41 13/16" x 15 7/8"
(W x H x D) with stand/without speakers	—	—	—	—	—
without stand/with speakers	60 11/64" x 37 11/64" x 3 7/8"	48 45/64" x 30 31/64" x 3 3/4"	43 23/64" x 27 31/64" x 3 3/4"	39 17/32" x 25 7/16" x 3 3/4"	62 11/64" x 38 43/64" x 4 57/64"
without stand/without speakers	—	—	—	—	—
Net Weight (lb.) with stand/with speakers	121.3	74.9	66.1	60.6	143.3
with stand/without speakers	—	—	—	—	—
without stand/with speakers	110.3	62.8	54.0	48.5	130.1
without stand/without speakers	—	—	—	—	—

*1 With Enhanced Picture Contrast Technology

*2 Typical time for power output decrease of about one half, assuming continuous use with brightness or dimming in standard mode and with a room temperature of 77°F

*3 With Fine Motion Advanced on

*4 With Fine Motion Mode on

Screen images in this brochure are simulated.

Design and specifications subject to change without notice.



Specifications

Model Number	LC52D92U	LC-46D92U	LC-52D82U	LC-46D82U	LC-37D62U
Screen Size Class	52"	46"	52"	46"	37"
Diagonal Measurement	52 1/32"	45 63/64"	52 1/32"	45 63/64"	37"
Aspect Ratio	16:9	16:9	16:9	16:9	16:9
DTV Capability	HDTV	HDTV	HDTV	HDTV	HDTV
LCD Panel	Advanced Super View/Black TFT	Advanced Super View/Black TFT	Advanced Super View/Black TFT	Advanced Super View/Black TFT	Advanced Super View/Black TFT
Number of Pixels (dots)	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Built-in DVD Slot	—	—	—	—	—
Luminance (cd/m2)	450	450	450	450	450
Fine Motion Advanced (120Hz)	X	X	X	X	—
Dynamic Contrast Ratio*1	15,000:1	15,000:1	10,000:1	10,000:1	8500:1
Native Contrast Ratio	3000:1	3000:1	2000:1	2000:1	1700:1
Viewing Angles (H x V)	176° x 176°	176° x 176°	176° x 176°	176° x 176°	176° x 176°
Lamp Life*2 (Hours)	60,000	60,000	60,000	60,000	60,000
Backlight	5-Wavelength	5-Wavelength	4-Wavelength	4-Wavelength	4-Wavelength
Tuner Type	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC
Multi-Pixel Technology	X	X	X	X	X
Response Time	4ms*3	4ms*3	4ms*3	4ms*3	6ms
Audio Output	15W +15W	15W +15W	15W +15W	15W +15W	10W +10W
Speakers Location/Type	Bottom/Detachable	Bottom/Detachable	Bottom/Fixed	Bottom/Fixed	Bottom/Fixed
OPC (Optical Picture Control)	X	X	X	X	X
Terminals					
HDMI™ In	3	3	3	3	2 (1080p compatible)
DVI-I with Audio In	1	1	—	—	—
RGB 15-Pin Input	—	—	—	—	—
HD Component In	2 (1080p compatible)	2 (1080p compatible)	2 (1080p compatible)	2 (1080p compatible)	2 (1080p compatible)
S-Video In	1	1	1	1	1
Composite Video In	2	2	2	2	2
Audio L/R In	4	4	4	4	4
RF	1	1	1	1	1
RS-232C	1	1	—	—	—
Digital Audio Out	X	X	X	X	X
Power Source AC Input	120V	120V	120V	120V	120V
Power Consumption	328W	287W	322W	285W	198W
Cabinet Color	Black	Black	Black	Black	Black
Dimensions (W x H x D)	with stand/with speakers 50 11/64" x 34 3/8" x 12 11/64"	44 13/16" x 31 15/16" x 12 11/64"	50 1/8" x 34 29/64" x 12 11/64"	44 49/64" x 31 11/32" x 12 11/64"	36 3/16" x 25 3/4" x 11 1/2"
	with stand/without speakers 50 11/64" x 34 3/8" x 12 11/64"	44 13/16" x 31 15/16" x 12 11/64"	—	—	—
	without stand/with speakers 50 11/64" x 32 1/64" x 4 59/64"	44 13/16" x 28 7/8" x 4 57/64"	50 1/8" x 31 63/64" x 4 31/32"	44 49/64" x 28 7/8" x 4 57/64"	36 3/16" x 23 5/8" x 3 53/64"
	without stand/without speakers 50 11/64" x 30 9/16" x 4 59/64"	44 13/16" x 27 13/32" x 4 57/64"	—	—	—
Net Weight (lb.)	with stand/with speakers 92.6	86	92.6	78.3	52.9
	with stand/without speakers 87.1	80.5	—	—	—
	without stand/with speakers 77.2	72.8	82.7	68.3	44.1
	without stand/without speakers 71.7	67.2	—	—	—

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Specifications

Model Number	LC-32D62U	LC-37GP1U	LC-32GP1U	LC-52D43U	LC-46D43U
Screen Size Class	32"	37"	32"	52"	46"
Diagonally Measured	31 35/64"	37"	31 35/64"	52"	45 15/16"
Aspect Ratio	16:9	16:9	16:9	16:9	16:9
DTV Capability	HDTV	HDTV	HDTV	HDTV	HDTV
LCD Panel	Advanced Super View/Black TFT	Advanced Super View/Black TFT	Advanced Super View/Black TFT	Advanced Super View/Black TFT	Advanced Super View/Black TFT
Number of Pixels (dots)	1920 x 1080	1920 x 1080	1920 x 1080	1366 x 768	1366 x 768
Built-in DVD Slot	—	—	—	—	—
Vyper Drive Game Mode	—	X	X	—	—
Luminance (cd/m2)	450	450	450	450	450
Fine Motion Advanced (120Hz)	—	—	—	—	—
Dynamic Contrast Ratio*1	10,000:1	8500:1	10,000:1	7500:1	7500:1
Native Contrast Ratio	2000:1	1700:1	2000:1	1500:1	1500:1
Viewing Angles (H x V)	176° x 176°	176° x 176°	176° x 176°	176° x 176°	176° x 176°
Lamp Life*2 (Hours)	60,000	60,000	60,000	60,000	60,000
Backlight	4-Wavelength	4-Wavelength	4-Wavelength	3-Wavelength	3-Wavelength
Tuner Type	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC
Multi-Pixel Technology	X	X	X	—	—
Response Time	6ms	6ms	6ms	6ms	6ms
Audio Output	10W +10W	10W + 10W	10W + 10W	10W +10W	10W +10W
Speakers Location/Type	Bottom/Fixed	Bottom/Fixed	Bottom/Fixed	Bottom/Fixed	Bottom/Fixed
OPC (Optical Picture Control)	X	X	X	X	X
Terminals					
HDMI™ In	2 (1080p compatible)	3 (1080 compatible) – 1 side, 2 rear	3 (1080 compatible) – 1 side, 2 rear	2	2
DVI-I with Audio In	—	1 (1080 compatible)	1 (1080 compatible)	—	—
RGB 15-Pin Input	—	—	—	1	1
HD Component In	2 (1080p compatible)	2 (1080 compatible) – 1 side, 1 rear	2 (1080 compatible) – 1 side, 1 rear	2	2
S-Video In	1	1	1	1	1
Composite Video In	2	3 – 1 side, 2 rear	2 – 1 side, 1 rear	2	2
Audio L/R In	4	4 – 1 side, 3 rear	4 – 1 side, 3 rear	4	4
RF	1	1	1	1	1
RS-232C	—	—	—	—	—
Digital Audio Out	1	1	1	1	1
Power Source AC Input	120V	120V	120V	120V	120V
Power Consumption	160W	203W	165W	297W	270W
Cabinet Color	Black	Black	Black	Black	Black
Dimensions (W x H x D)	with stand/with speakers 31 25/64" x 23 9/32" x 10 3/4"	with stand/with speakers 36 3/16" x 25 3/4" x 11 1/2"	with stand/with speakers 31 25/64" x 23 9/32" x 10 3/4"	with stand/with speakers 49 47/64" x 34 7/32" x 12 11/64"	with stand/with speakers 44 3/8" x 31 9/64" x 12 11/64"
	without stand/without speakers —	without stand/without speakers —	without stand/without speakers —	without stand/without speakers —	without stand/without speakers —
	without stand/with speakers 31 25/64" x 20 59/64" x 3 53/64"	without stand/with speakers 36 3/16" x 23 5/8" x 3 53/64"	without stand/with speakers 31 25/64" x 20 59/64" x 3 53/64"	without stand/with speakers 49 47/64" x 31 25/32" x 4 59/64"	without stand/with speakers 44 3/8" x 28 43/64" x 4 57/64"
	without stand/without speakers —	without stand/without speakers —	without stand/without speakers —	without stand/without speakers —	without stand/without speakers —
Net Weight (lb.)	with stand/with speakers 44.1	with stand/with speakers 52.9	with stand/with speakers 44.1	with stand/with speakers 88.0	with stand/with speakers 78.3
	with stand/without speakers —	with stand/without speakers —	with stand/without speakers —	with stand/without speakers —	with stand/without speakers —
	without stand/with speakers 36.4	without stand/with speakers 44.1	without stand/with speakers 36.4	without stand/with speakers 78.3	without stand/with speakers 68.3
	without stand/without speakers —	without stand/without speakers —	without stand/without speakers —	without stand/without speakers —	without stand/without speakers —

*1 With Enhanced Picture Contrast Technology

*2 Typical time for power output decrease of about one half, assuming continuous use with brightness or dimming in standard mode and with a room temperature of 77°F

*3 With Fine Motion Advanced on

*4 With Fine Motion Mode on

Screen images in this brochure are simulated.

Design and specifications subject to change without notice.

Specifications



Model Number	LC-42D43U	LC-37D43U	LC-32D43U	LC-26D43U	LC-26D42U-W
Screen Size Class	42"	37"	32"	26"	26"
Diagonally Measured	42"	37"	31 1/2"	25 1/2"	25 1/2"
Aspect Ratio	16:9	16:9	16:9	16:9	16:9
DTV Capability	HDTV	HDTV	HDTV	HDTV	HDTV
LCD Panel	Advanced Super View/Black TFT	Advanced Super View/Black TFT	Advanced Super View/Black TFT	Advanced Super View/Black TFT	Advanced Super View/Black TFT
Number of Pixels (dots)	1366 x 768	1366 x 768	1366 x 768	1366 x 768	1366 x 768
Built-in DVD Slot	—	—	—	—	—
Vyper Drive Game Mode	—	—	—	—	—
Luminance (cd/m2)	450	450	450	450	450
Fine Motion Advanced (120Hz)	—	—	—	—	—
Dynamic Contrast Ratio*1	7500:1	6000:1	6000:1	6000:1	6000:1
Native Contrast Ratio	1500:1	1200:1	1200:1	1200:1	1200:1
Viewing Angles (H x V)	176° x 176°	176° x 176°	176° x 176°	176° x 176°	176° x 176°
Lamp Life*2 (Hours)	60,000	60,000	60,000	60,000	60,000
Backlight	3-Wavelength	3-Wavelength	3-Wavelength	3-Wavelength	3-Wavelength
Tuner Type	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC
Multi-Pixel Technology	—	—	—	—	—
Response Time	6ms	6ms	6ms	6ms	6ms
Audio Output	10W +10W	10W +10W	10W +10W	10W +10W	10W +10W
Speakers Location/Type	Bottom/Fixed	Bottom/Fixed	Bottom/Fixed	Bottom/Fixed	Bottom/Fixed
OPC (Optical Picture Control)	X	X	X	X	X
Terminals					
HDMI™ In	2	2	2	2	2
DVI-I with Audio In	—	—	—	—	—
RGB 15-Pin Input	1	1	1	1	1
HD Component In	2	2	2	1	1
S-Video In	1	1	1	1	1
Composite Video In	2	2	2	2	2
Audio L/R In	4	4	4	4	4
RF	1	1	1	1	1
RS-232C	—	—	—	—	—
Digital Audio Out	1	1	1	1	1
Power Source AC Input	120V	120V	120V	120V	120V
Power Consumption	235W	185W	175W	120W	120W
Cabinet Color	Black	Black	Black	Black	White
Dimensions (W x H x D)	with stand/with speakers 40 19/32" x 28 7/8" x 11 1/2"	with stand/with speakers 35 61/64" x 25 27/32" x 11 35/64"	with stand/with speakers 31 11/32" x 23 13/64" x 9 37/64"	with stand/with speakers 26 1/16" x 20 9/32" x 9 9/16"	with stand/with speakers 26 1/16" x 20 9/32" x 9 9/16"
	without stand/without speakers 40 19/32" x 26 37/64" x 5 9/32"	without stand/without speakers 35 61/64" x 23 37/64" x 3 53/64"	without stand/without speakers 31 11/32" x 20 59/64" x 3 53/64"	without stand/without speakers 26 1/16" x 17 63/64" x 3 31/32"	without stand/without speakers 26 1/16" x 17 63/64" x 3 31/32"
Net Weight (lb.)	with stand/with speakers 72.6	with stand/with speakers 50.7	with stand/with speakers 43.0	with stand/with speakers 32.0	with stand/with speakers 32.0
	without stand/without speakers 64.9	without stand/without speakers 43.0	without stand/without speakers 36.4	without stand/without speakers 26.5	without stand/without speakers 26.5

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Specifications

Model Number	LC-32DV22U	LC-26DV22U	LC-26DV22U-W	LC-20S7U
Screen Size Class	32"	26"	26"	20"
Diagonally Measured	31 1/2"	25 1/2"	25 1/2"	20"
Aspect Ratio	16:9	16:9	16:9	4:3
DTV Capability	HDTV	HDTV	HDTV	SDTV
LCD Panel	Advanced Super View/Black TFT	Advanced Super View/Black TFT	Advanced Super View/Black TFT	Advanced Super View/Black TFT
Number of Pixels (dots)	1366 x 768	1366 x 768	1366 x 768	640 x 480
Built-in DVD Slot	X	X	X	—
Luminance (cd/m2)	450	450	450	430
Fine Motion Advanced (120Hz)	—	—	—	—
Dynamic Contrast Ratio*1	—	—	—	—
Native Contrast Ratio	1200:1	1200:1	1200:1	500:1
Viewing Angles (H x V)	176° x 176°	176° x 176°	176° x 176°	170° x 170°
Lamp Life*2 (Hours)	60,000	60,000	60,000	60,000
Backlight	3-Wavelength	3-Wavelength	3-Wavelength	3-Wavelength
Tuner Type	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC	NTSC/ATSC
Multi-Pixel Technology	—	—	—	—
Response Time	6ms	6ms	6ms	—
Audio Output	10W +10W	5W x 2	5W x 2	1W x 2
Speakers Location/Type	Bottom/Fixed	Bottom/Fixed	Bottom/Fixed	Bottom/Fixed
OPC (Optical Picture Control)	—	—	—	—
Terminals				
HDMI™ In	2	1	1	—
DVI-I with Audio In	—	—	—	—
RGB 15-Pin Input	1	1	1	—
HD Component In	1	1	1	1 (not HD)
S-Video In	2	1	1	1
Composite Video In	2	2	2	2
Audio L/R In	3	2	3	3
RF	1	1	1	1
RS-232C	—	—	—	—
Digital Audio Out	1	1	1	—
Power Source AC Input	120V	120V	120V	120V
Power Consumption	180W	145W	145W	81W
Cabinet Color	Black	Black	White	Black
Dimensions				
with stand/with speakers	31 3/8" x 22 15/16" x 9 9/16"	26 5/16" x 19 11/16" x 9 9/16"	26 5/16" x 19 11/16" x 9 9/16"	18 13/16" x 17 11/64" x 8 55/64"
(W x H x D)				
with stand/without speakers	—	—	—	—
without stand/with speakers	31 3/8" x 21 1/16" x 4 9/16"	26 5/16" x 17 3/4" x 4 9/16"	26 5/16" x 17 3/4" x 4 9/16"	18 13/16" x 15 48/64" x 3 47/64"
without stand/without speakers	—	—	—	—
Net Weight (lb.)				
with stand/with speakers	34.6	30.6	30.6	14.7
with stand/without speakers	—	—	—	—
without stand/with speakers	31.3	27.7	27.7	12.2
without stand/without speakers	—	—	—	—

*1 With Enhanced Picture Contrast Technology

*2 Typical time for power output decrease of about one half, assuming continuous use with brightness or dimming in standard mode and with a room temperature of 77°F

*3 With Fine Motion Advanced on

*4 With Fine Motion Mode on

Screen images in this brochure are simulated.

Design and specifications subject to change without notice.

Specifications



Model Number	LC-20D42U	LC-19D44U
Screen Size Class	20"	19"
Diagonally Measured	20 1/32"	18 1/2"
Aspect Ratio	16:9	16:9
DTV Capability	HDTV	HDTV
LCD Panel	Advanced Super View/Black TFT	a-si TFT
Number of Pixels (dots)	1366 x 768	1366 x 768
Built-in DVD Slot	—	—
Luminance (cd/m2)	480	300
Fine Motion Advanced (120Hz)	—	—
Dynamic Contrast Ratio*1	6000:1	2000:1
Native Contrast Ratio	1200:1	400:1
Viewing Angles (H x V)	170° x 170°	160° x 160°
Lamp Life*2 (Hours)	60,000	50,000
Backlight	3-Wavelength	3-Wavelength
Tuner Type	ATSC/QAM/NTSC	ATSC/QAM/NTSC
Multi-Pixel Technology	—	—
Response Time	TBD	—
Audio Output	5W x 2	2W x 2
Speakers Location/Type	Bottom/Fixed	Bottom/Fixed
OPC (Optical Picture Control)	X	X
Terminals	—	—
HDMI™ In	2	1
DVI-I with Audio In	—	—
RGB 15-Pin Input	—	1
HD Component In	1	1
S-Video In	1	1
Composite Video In	2	1
Audio L/R In	4	3
RF	1	1
RS-232C	—	—
Digital Audio Out	1	1
Power Source AC Input	120V	120V
Power Consumption	69W	45W
Cabinet Color	Black	Black
Dimensions with stand/with speakers	20 35/64" x 15 45/64" x 8 55/64"	18 3/16" x 14 11/64" x 7 63/64"
(W x H x D) with stand/without speakers	—	—
without stand/with speakers	20 35/64" x 14 19/64" x 3 5/8"	18 3/16" x 12 19/32" x 3 1/32"
without stand/without speakers	—	—
Net Weight (lb.) with stand/with speakers	15.8	11.9
with stand/without speakers	—	—
without stand/with speakers	13.2	10.0
without stand/without speakers	—	—

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Specifications



Model Number	BD-HP20U
HD Disc Format	Blu-ray Disc™
Media	
BD-ROM/R/RE	Yes/Yes/Yes
DVD Video	Yes
DVD-RW/R	Yes
DVD+RW/R	Yes
CDDA/CD-RW/R	Yes
Format	
MPEG2/H.264/VC1	Yes
AC3	Yes
DTS	Yes
Linear PCM	7.1ch
DTS HD	DTS Stream Only
Dolby® Digital Plus	7.1ch
Dolby® TrueHD (Lossless)	Yes
Features	
HDMI™ (Output Resolution)	1080p
AQUOS LINK™	Yes
HDMI™ 1080p 24Hz Output	Yes
Video DAC	12bit/148.5MHz
Pop-up Menu	Yes
Display Dimmer	Yes
Parental Lock	Yes
Quick Start	Yes
Control via HDMI™ (AQUOS LINK)	Yes
Output Terminals	
Video	x 1
S-Video	x 1
Component	x 1
HDMI™	x 1 (Ver. 1.3)
Analog Audio output (L/R)	x 1
Analog Audio output (Multi CH)	x 1 (5.1ch)
Digital out (Opt.)	x 1
Digital out (Coax.)	x 1
Accessories	
AV Cable	x 1
Remote Control	Unified
Power Consumption/Stand-by	25W/0.5W
Dimensions (W x H x D)	16.9" x 2.7" x 13.2"
Weight (lb.)	8.8

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At Sharp, we know color—and understand the value of being green



The most advanced facilities for manufacturing LCD TVs

The world-class Sharp LCD television plants in Kameyama, Japan, represent the ultimate in economic efficiency, social-mindedness and environmental conservation. Sharp showcases its experience in R&D and mass production—including 50 years of TV and 30 years of LCD production.

The Sharp, Kameyama plant number 2 is the world's first facility to adopt 8th-generation glass substrates that are approximately twice as large as those in its first plant. Kameyama 2 produces glass for 40- to 50-inch screen size class LCD TVs in response to growing demand for digital and high-definition-compatible flat-panel televisions.

The most advanced technology minimizes environmental impact

The Kameyama plants are "Super Green Factories." Cogeneration and photovoltaic power-generation systems supply approximately one-third of the plants' energy. Combined with a fuel cell system that directly converts the chemical energy and natural gas into electric energy without combustion, Sharp reduces CO₂ emissions by 40 percent per year. By 2010, Sharp anticipates completely offsetting its greenhouse gas emission production via energy savings from new energy-efficient products and Sharp solar cells.

All Sharp products are designed and manufactured to virtually eliminate lead, mercury, cadmium and other hazardous materials. Additionally, all AQUOS® models are ENERGY STAR® qualified TVs.



Kameyama plant number 2

Sharp's New Plant

Sharp Corporation recently announced that it will soon begin construction of a 10th-generation LCD panel factory in Sakai City, Osaka Prefecture, Japan. The new plant is scheduled to be the first LCD TV factory to use 10th-generation glass substrates, which are the world's largest, at 112.2 inches by 120 inches, 60 percent larger than the 8th-generation substrates used at Kameyama plant number 2.

Sharp Corporation continually strives to implement and improve product technologies, designs and programs aimed at keeping us green.

Sharp. First and foremost.

In 1915, Sharp's founder invented the "Ever-Sharp Pencil," a mechanical pencil from which the Sharp Corporation derives its name. Sharp lives up to that name with its imaginative, ever-evolving technological creations.

There are many other firsts in Sharp's growing list. In 1931, as radio was gaining popularity around the world, Sharp began research into television, releasing the first Japanese television in 1953. Sharp's bright colors and high-quality LCD images hit the screen in 1987 in the first 3-inch color LCD television. Just four years later, Sharp released the world's first wall-hanging TV, beginning the era of large-screen LCD televisions. This led to its 20-inch LCD television— the industry's largest—in 1999. Sharp ushered in 2001 in a big way with its introduction of AQUOS® LCD TVs on New Year's Day. In 2005, Sharp introduced the world's then largest LCD TV, at 65-inch screen size class and in 2007, Sharp introduced a 108-inch screen size class LCD TV.

The Sharp LCD television plants in Kameyama, Japan, are the ultimate examples of economic efficiency, social-mindedness and environmental conservation. In 2006, Sharp opened Kameyama plant number 2, the world's most environmentally friendly LCD TV factory with the world's largest roof-mounted solar electricity installation using Sharp photovoltaic panels. And all Sharp factories expect to achieve green status by the end of 2007. Each subsequent year brings exciting new advancements and original designs.

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