

SHARP[®]

AQUOS[™]

There's always more to see.





Leading edge technology. Sleek, sophisticated design.

From the first moment of their groundbreaking introduction, AQUOS™ Liquid Crystal Televisions captured our imagination and never let go. Poised for the future, AQUOS LC-TVs continue to raise our expectations and heighten the entertainment experience of the television viewer.

Sharp® presents a new generation of AQUOS...the G Series. Bigger, brighter and more breathtaking than ever before. A mix of elegance and function that could only come from Sharp—the first name in Liquid Crystal Television.

Sweeping images that defy dimension. Richer color with lush, voluminous hues. Extraordinary picture detail and presence. HDTV made easy. AQUOS holds us spellbound as once again it changes the way we watch TV, and challenges all others to keep pace.

With the advent of its highly anticipated AQUOS G Series, Sharp sets a new precedent in large screen, high performance, flat panel television. The world's most advanced line of LC-TVs offers consumers the widest choice of screen sizes, cabinet colors and styles as well as the largest widescreen LC-TV HDTV available. Sharp engineers all of its G Series LC-TVs with proprietary 1-Bit™ digital audio technology to ensure the sound is every bit as impressive as the AQUOS visual experience.

The award-winning designs alone are reason enough to invite the new AQUOS G Series into your home. But now, with high resolution specifications that place them in a class by themselves and every model ready to receive HDTV, the reasons for AQUOS are more clear than ever. Sharp is ready to comfortably usher you well into the high definition future. Welcome to the era of AQUOS...where there's always more to see.



Big, beautiful and brilliant, the new 45-inch AQUOS models, such as the LC-45GD4U pictured below, are all you've ever imagined television could be...and more! Delivering the highest DTV image resolution, 1080p (1920 x 1080), the LC-45GD4U offers the most detailed, lifelike images possible.



LC-37GD4U (37" screen)



LC-32GD4U (32" screen)



LC-26GD4U (26" screen)



LC-45GD4U (45" screen)

The AQUOS GD4U Series: The Elegant and Integrated Answer to HDTV

Now, Sharp presents all the excitement of HDTV in a design certain to enhance the décor of every viewing room. As sophisticated inside as they are out, each GD4U model is a Digital Cable Ready HDTV, equipped with a fully-integrated HDTV tuner and CableCARD™ compatibility. Just connect to any HDTV-capable source and enjoy all the visual excitement only AQUOS can deliver.

The unmatched picture quality of Sharp's proprietary Advanced Super View Black TFT Panel is evident in each AQUOS GD4U model. Extraordinary brightness, exceptional color, every entertainment experience is a feast for the eyes. Even near windows or other light sources, the images remain breathtakingly vivid. Superior 170° viewing angles enable you to see your state-of-the-art, LC-TV throughout the room. Sharp's built-in digital 1-Bit amplifier ensures sound as exceptional as every picture. Side speakers easily detach for wider stereo imaging. A PC Card slot allows still images and video to be recorded and viewed through the PC Card. In addition, each GD4U model includes HDMI, DVI-I and dual HD component video inputs, plus Sharp's exclusive Quick Shoot video circuit for smooth playback of fast moving images with a rapid response time of less than 16 milliseconds (12 ms. on LC-45GD4U).

The AQUOS GD6U Series: A Different Look at HDTV

Boasting the same cutting-edge technology as the GD4U Series, the AQUOS GD6U models differ only in their stunning titanium design and detachable speakers located beneath the screen. This narrow silhouette provides excellent placement and mounting options with all the performance and features desired in a high-style HDTV.

With the AQUOS LC-45GD6U and the other 45-inch AQUOS models, Sharp sets the standard...with the largest pictures available today in HDTV Liquid Crystal Television. Just as impressive, they're also the first LC-TVs capable of employing full 1080p HDTV. With a progressive scan image delivering twice the resolution as the interlaced images of alternative display choices, the AQUOS 45-inch models are television at its very best—LC-TV that must be seen to be believed. Engineered with Sharp's next generation color filter, every G Series model offers improved bandwidth and dynamic range for deeper, blacker blacks, richer, redder reds and color more vivid than ever before...and a home entertainment experience that remains unrivaled.



LC-45GD6U (45" screen)



LC-37GD6U (37" screen)



LC-32GD6U (32" screen)



LC-26GD6U (26" screen)

AQUOS built-in HDTV tuners receive over-the-air digital broadcasts and are compatible with new Digital Cable Ready specifications. Obtain a CableCARD™ from your cable provider, slip it in your AQUOS CableCARD™ slot and you're ready to go—no cable box, no wires, no waiting!*

*Cable system must deliver HDTV programming. Consumers should check with their local cable company to determine available HDTV channels.

Sharp manufactures all AQUOS G Series LCD panels at its state-of-the-art factory in Kameyama, Japan. From fabrication of advanced 16:9 LCD panels, to final assembly, these models comply with Sharp's strict testing and inspection process.

The AQUOS LC-45GX6U: A Window to Tomorrow

You've equipped your home entertainment system with some of the best audio and video components available. Now, Sharp presents the heart it deserves. Offering an astounding 1080p display, the AQUOS Digital Cable Ready LC-45GX6U uses Sharp's advanced CV-IC System III processing technology to upconvert 1080i and 720p signals to 1080p—utilizing full HDTV specification and ensuring the most meticulously detailed images possible from digital video sources. The new pinnacle of home entertainment technology, this sleek titanium model includes a matched AVC System to house all terminal connections, eliminating wires and providing more convenient proximity to other components. The AVC System features HDMI, DVI-I and dual HD component video inputs, as well as PC Card slot to view and record digital still JPEG images and MPEG-4 video. For your convenience, speakers easily detach for optimum placement or replacement with surround speakers.



LC-45GX6U (45" screen)

Sharp discreetly integrates its high performance digital 1-Bit amplifier and speakers into all AQUOS G Series models. From the crack of your home team's bat to the delicate nuance of a piano key, this spectacular sonic realism helps bring AQUOS widescreen images to life.

The AQUOS HDTV Monitor G4U Series: A Synergy of Compelling Design and HDTV-Compatible Technology

With a true 16:9 aspect ratio and Sharp's proprietary picture technology, the G4U Series delivers authentic cinema-quality viewing. These advanced widescreen displays provide an HDTV-compatible resolution of 1366 x 768, which means you'll enjoy all the superb imagery of a true HDTV Monitor, compatible with 1080i and 720p signals from digital and HDTV sources. When you're ready to receive HDTV broadcasts, just add a separate DTV decoder. Proudly flanking the screen, easily detachable high aperture aluminum speakers deliver sound as outstanding as the picture. The 32-inch and 37-inch models feature a separate AVC System, housing all terminal connections, including HDMI, DVI-I and dual HD component video inputs and a PC Card slot.



LC-37G4U (37" screen)



LC-32G4U (32" screen)



LC-26GA4U (26" screen)

Designed by renowned award-winning industrial designer Toshiyuki Kita, AQUOS enhances any décor. The G4U Series brings high-definition excitement to unexpected places. The attractive stand allows for convenient tabletop viewing and optional brackets make wall mounting easy.

T. Kita

Enjoy premier picture quality with AQUOS...setting the standard for Liquid Crystal Television



Advanced Super View (ASV) LCD Panel with Black TFT Technology, 450cd/m2 High Brightness and 800:1 High Contrast Ratio

Sharp's proprietary ASV high performance TFT-LCD panels are everything your eyes have been waiting for. ASV produces outstanding picture quality with a high contrast ratio of 800:1, wide viewing angles of 170° both vertically and horizontally, plus bright image reproduction even in strong lighting conditions. These high precision, large screen LC-TVs with approximately 3,150,000 pixels (6,220,000 pixels on the 45-inch models) deliver high resolution reproduction of DVDs and high-definition video. On AQUOS LC-TVs, the Black TFT low-reflection coating ensures an optimal contrast ratio for a crisp, vivid picture even in harsh lighting conditions, such as fluorescent light or direct sunlight.



Built-in 1-Chip Digital High-Quality LSI for crystal-clear images

Four conventional image signal processing circuits are integrated into Sharp's 1-Chip Digital High-Quality Large Scale Integrated Circuit (LSI) which dramatically reduces noise. This uniquely developed technology ensures an accurate, beautiful, degradation-free display of digital high definition and standard definition broadcasts. Another benefit of the chip is the ability to display high-quality side-by-side pictures from digital cable, satellite and analog broadcasts.

Quick Shoot (QS) Circuit for breathtaking fast-motion image reproduction

QS technology improves the delivery of rapid-motion scenes and achieves a response rate of less than 16 milliseconds, ensuring meticulous image reproduction. (45-inch AQUOS models achieve a response rate of 12 ms.)

Newly developed color filter for colors more vivid than ever

Improved bandwidth and dynamic range deliver deeper, blacker blacks, richer, redder reds and more authentic color value detail across the spectrum. Sharp LCD technology continues to raise the bar on "grayscale" performance—the ability to reproduce black on-screen—through improved gamma control for a greater number of black levels. These enhancements, combined with optimal color temperature settings, allow consumers to easily adjust the monitor for peak performance with varying source content.

AQUOS...uniquely designed to enhance every aspect of your TV viewing experience

The AQUOS Advantage over Plasma TVs

With a much larger selection of model screen sizes, and wider viewing angles than typical plasma displays, AQUOS provides a host of placement options, optimizing any viewing environment. Lighter and easier to move and mount, AQUOS expands your installation options through optional sturdy mounting brackets and articulating arms. The heavier, more susceptible plasma designs often require additional wall support. AQUOS LC-TVs offer brighter screens and perform better under varied lighting conditions than plasma. LCD panels consume about half the power of plasma displays and offer a much longer life span for your investment.

Convenient state-of-the-art connections host a variety of digital media

All AQUOS G Series models utilize High Definition Multimedia Interface (HDMI), the new interface standard for digital audio and video. HDMI provides an easy, single-cable connection to digitally transmit both audio and video signals for high resolution images and sound, as well as suppressed signal noise.

A built-in DVI-I terminal permits virtually noiseless picture transmission via digital-to-digital software and hardware, including DVD players, set-top boxes, digital tuners and PCs.

Digital Cable Ready



AQUOS GD4U, GD6U and GX6U Series models are Digital Cable Ready (DCR), also termed “plug and play” LC-TVs. DCR televisions contain a slot for receiving unscrambled analog, digital basic and digital premium cable television programming, including HDTV, without the need for a set-top box. The slot in the AQUOS supports an unidirectional card, known as a CableCARD.™ The card and programming are available through your cable provider.



1-Bit digital amplifier for stunning high resolution sound reproduction



Sharp's proprietary 1-Bit digital audio delivers high-speed sampling of nearly 2.8 million times per second (64 times the rate of a CD) for dynamic, high resolution, high density sound. It reproduces virtually the same natural, clear sound quality as the original source.

Earth-friendly design and technology

From circuit design to LCD panel production, AQUOS complies with Sharp's strict environmental standards. AQUOS LC-TVs use fewer raw materials during manufacture, consume less power during use and are much easier to recycle at the end of their service life than traditional CRT televisions.





SPECIFICATIONS

Model Number	LC-45GD4U	LC-37GD4U	LC-32GD4U	LC-26GD4U	LC-45GD6U	LC-37GD6U
Screen Size*	45"	37"	32"	26"	45"	37"
LCD Panel	ASV/Black TFT	ASV/Black TFT	ASV/Black TFT	ASV/Black TFT	ASV/Black TFT	ASV/Black TFT
Number of Pixels (dots)	1920 x 1080	1366 x 768	1366 x 768	1366 x 768	1920 x 1080	1366 x 768
HDTV Monitor						
HDTV with CableCARD™	X	X	X	X	X	X
Luminance (cd/m²)	450	450	450	450	450	450
Contrast Ratio	800:1	800:1	800:1	800:1	800:1	800:1
Viewing Angles (H/V)	170/170	170/170	170/170	170/170	170/170	170/170
Lamp Life**	60,000	60,000	60,000	60,000	60,000	60,000
Tuner Type	NTSC / 8VSB / QAM	NTSC / 8VSB / QAM	NTSC / 8VSB / QAM	NTSC / 8VSB / QAM	NTSC / 8VSB / QAM	NTSC / 8VSB / QAM
1-Bit Digital Amplifier	X	X	X	X	X	X
PC Card Slot	X	X	X	X	X	X
Quick Shoot response time	Less than 12ms	Less than 16ms	Less than 16ms	Less than 16ms	Less than 12ms	Less than 16ms
Audio Output	10W + 10W	10W + 10W	10W + 10W	10W + 10W	10W + 10W	10W + 10W
Speakers location	Side	Side	Side	Side	Bottom	Bottom
Surround System	Virtual Dolby	Virtual Dolby	Virtual Dolby	Virtual Dolby	Virtual Dolby	Virtual Dolby
OPC (Optical Picture Control)	X	X	X	X	X	X
AVC System						
Terminals						
HDMI	1	1	1	1	1	1
DVI-I	1	1	1	1	1	1
HD Component	2	2	2	2	2	2
S-Video	1	1	1	1	1	1
Composite	3	3	3	3	3	3
Audio L/R	3	3	3	3	3	3
Analog RF	2	2	2	2	2	2
Digital RF	1	1	1	1	1	1
RS232	1	1	1	1	1	1
i.LINK™	1	1	1	1	1	1
Optical Digital Audio Out	1	1	1	1	1	1
Composite Out	1	1	1	1	1	1
S-Video Out	1	1	1	1	1	1
Analog Audio Out	1	1	1	1	1	1
Center Channel In	1	1	1	1	1	1
Power Source AC Input	120V	120V	120V	120V	120V	120V
Power Consumption	260W	224W	182W	150W	260W	224W
Cabinet Color	Silver	Silver	Silver	Silver	Titanium	Titanium
Dimensions						
with stand/with speakers	49 61/64" x 28 24/32" x 12 2/32"	43 25/64" x 24 7/8" x 12 3/32"	38 37/64" x 22 9/32" x 12 3/32"	33 25/64" x 19 13/32" x 10 63/64"	42 43/64" x 31 18/32" x 12 2/32"	36 7/64" x 27 27/32" x 12 3/32"
(W x H x D) with stand/without speakers	42 43/64" x 28 24/32" x 12 2/32"	36 7/64" x 24 7/8" x 12 3/32"	31 19/64" x 22 9/32" x 12 3/32"	26 7/64" x 19 13/32" x 10 63/64"	42 43/64" x 31 18/32" x 12 2/32"	36 7/64" x 27 27/32" x 12 3/32"
without stand/with speakers	49 61/64" x 25 13/32" x 4 8/32"	43 25/64" x 21 9/16" x 3 29/32"	38 37/64" x 18 57/64" x 3 29/32"	33 25/64" x 16 1/32" x 3 47/64"	42 43/64" x 29 7/32" x 4 8/32"	36 7/64" x 25 13/32" x 3 29/32"
without stand/without speakers	42 43/64" x 25 13/32" x 3 29/32"	36 7/64" x 21 9/16" x 3 29/32"	31 19/64" x 18 57/64" x 3 29/32"	26 7/64" x 16 1/32" x 3 47/64"	42 43/64" x 25 13/32" x 4 8/32"	36 7/64" x 21 9/16" x 3 29/32"
AVC System dimensions	N/A	N/A	N/A	N/A	N/A	N/A
Net Weight (lbs.)						
with stand/with speakers	78.3	60.8	55.3	41.9	76.1	59.1
with stand/without speakers	67.2	53.1	45.6	34.2	67.2	50.7
without stand/with speakers	68.3	51.6	46.1	34.2	66.1	49.2
without stand/without speakers	57.3	40.8	36.4	26.5	57.3	40.8
AVC System weight	N/A	N/A	N/A	N/A	N/A	N/A

Design and specifications subject to change without notice.

* TV Screens are measured diagonally. Screen images are simulated.

**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 25°C (77°F).



LC-32GD6U	LC-26GD6U	LC-45GX6U	LC-37G4U	LC-32G4U	LC-26GA4U
32"	26"	45"	37"	32"	26"
ASV/Black TFT	ASV/Black TFT	ASV/Black TFT	ASV/Black TFT	ASV/Black TFT	ASV/Black TFT
1366 x 768	1366 x 768	1920 x 1080	1366 x 768	1366 x 768	1366 x 768
X	X	X	X	X	X
450	450	450	450	450	450
800:1	800:1	800:1	800:1	800:1	800:1
170/170	170/170	170/170	170/170	170/170	170/170
60,000	60,000	60,000	60,000	60,000	60,000
NTSC / 8VSB / QAM	NTSC / 8VSB / QAM	NTSC / 8VSB / QAM	NTSC	NTSC	NTSC
X	X	X	X	X	X
X	X	X	X	X	X
Less than 16ms	Less than 16ms	Less than 12ms	Less than 16ms	Less than 16ms	Less than 16ms
10W + 10W	10W + 10W	10W + 10W	10W + 10W	10W + 10W	10W + 10W
Bottom	Bottom	Bottom	Side	Side	Side
Virtual Dolby	Virtual Dolby	Virtual Dolby	Virtual Dolby	Virtual Dolby	Virtual Dolby
X	X	X	X	X	X
X	X	X	X	X	X
1	1	1	1	1	1
1	1	1	1	1	1
2	2	2	2	2	2
1	1	1	1	1	1
3	3	3	3	3	3
3	3	3	3	3	3
2	2	2	2	2	2
1	1	1	0	0	0
1	1	1	1	1	1
1	1	1	0	0	0
1	1	1	0	0	0
1	1	1	1	1	1
1	1	1	1	1	1
1	1	1	1	1	1
1	1	1	1	1	1
120V	120V	110V-240V	110V-240V	110V-240V	110V-240V
182W	150W	260W (AVC: 66W)	168W (AVC: 48W)	127W (AVC: 48W)	139W
Titanium	Titanium	Titanium	Silver	Silver	Silver
31 19/64" x 25 1/8" x 12 3/32"	26 7/64" x 21 7/8" x 10 63/64"	42 43/64" x 31 18/32" x 12 2/32"	43 25/64" x 25" x 12 3/32"	38 37/64" x 22 9/32" x 12 3/32"	33 25/64" x 19 13/32" x 10 30/32"
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31 19/64" x 18 29/32" x 3 29/32"	26 7/64" x 16 1/32" x 3 47/64"	42 43/64" x 25 13/32" x 3 10/32"	36 7/64" x 21 9/16" x 2 25/32"	31 19/64" x 18 29/32" x 2 25/32"	26 7/64" x 16 1/32" x 3 24/32"
N/A	N/A	16 59/64" x 3 24/32" x 11 30/32"	16 59/64" x 3 24/32" x 11 30/32"	16 59/64" x 3 24/32" x 11 30/32"	N/A
54.5	40.8	77.2	52.9	48.5	40.8
48.5	34.2	65.0	40.8	38.6	33.1
44.5	33.1	62.8	43.0	38.6	34.2
36.4	26.5	50.7	30.9	28.7	26.5
N/A	N/A	14.3	14.3	14.3	N/A

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