

SHARP

..... *be sharp*



AQUOS™

LIQUID CRYSTAL TELEVISION

AQUOS™

LIQUID CRYSTAL TELEVISION

With a wide range of sizes and styles, AQUOS televisions can be placed almost anywhere in your home, complimenting the décor of any bedroom, living room and kitchen. Put it on a counter, mount it from the ceiling or hang it on a wall. The AQUOS line also offers distinct advantages such as startling clarity, wide viewing angles and colour purity that lasts for over 60,000 viewing hours. Never before has technology fit so beautifully in your life.



G - Series

AQUOS Liquid Crystal Television

Bottom and side speaker models available in 26/32/37/45" sizes

Crystal clear LCD picture quality

- World's highest resolution real HD panel (1920 x 1080 pixel full HD panel for 45-inch models, 1366 x 768 pixel HD panel for 37/32/26-inch models)
- Advanced Super View & low-reflection black TFT LCD panel effectively reduces screen glare caused by indoor lights and sunlight, achieving a high level of brightness as well as a high contrast ratio of 800:1
- Quick shoot technology provides a clear reproduction of high-speed moving images

High-fidelity sound

- With a 1-bit digital amplifier and Sharp's originally developed speaker system, AQUOS provides hi-fidelity sound to compliment the breathtaking image quality
- Detachable Aluminum speakers with stainless steel speaker grilles

Convenient connections

- HDMI (High-Definition Multimedia Interface), the new-generation interface standard for the digital audio and visual world, which provides easy one-cable connection and communication of both audio and video
- A DVI terminal*¹ is built-in for a crisp digital-to-digital video connection with digital hardware including DVD players, set-top boxes, digital tuners and PCs
- Built-in PC Card Slot compatible with HDD PC cards*² provides versatile visual entertainment such as viewing still pictures recorded with digital cameras.

*¹ Sharp's G-series models employ DVI-I terminals

*² Compatible with Hard Disc PC Card, xC Picture Card, Compact Flash, Multi-Media Card, Smart Media, Memory Stick, Micro Drive SD Card. A separately sold PC Card Adapter is needed for each compatible media card.

AQUOS G-SERIES PLATFORM

Delivering Unmatched Picture Quality, the AQUOS Platform Sets the Standard for Liquid Crystal Television

Advanced Super View LCD Panel with 450cd/m² High-Luminance and 800:1 High Contrast Ratio

AQUOS G-Series employs an Advanced Super View Low-Reflection Black TFT LCD for a high-precision large screen with approximately 3,150,000 dots, resulting in wide viewing angles of 170° vertically and horizontally and a high contrast ratio of 800:1. It brings clear and distinct picture reproduction preventing ambient light reflection and provides high-resolution reproduction of DVDs and high-definition content.

Crystal-Clear Picture Quality

Built-in 1-Chip Digital High-Quality LSI Dramatically Reduces Noise

Four conventional circuits for image signal processing are integrated into Sharp's uniquely developed 1-Chip Digital High-Quality LSI. Digital high-definition broadcasts as well as common broadcasts can be viewed with vivid color and beautiful picture without deteriorating the picture signal. Also, picture-in-picture or two pictures of satellite digital broadcasts and analog broadcasts can be reproduced in high quality.

Breathtaking Fast-Motion Image Reproduction

Quick Shoot (QS) Drive for Quick Response to Provide Vivid Reproduction of Fast Motion

Built into the G-Series, QS Technology improves the response speed of moving scenes on LC panels and achieves a response speed of less than 16ms. Clear video is reproduced even in scenes with rapid movement.

Convenient Terminal Connections

Interface Compatible with a Variety of Digital Media

AQUOS G-series employs HDMI (High-Definition Multimedia Interface), the new-generation interface standard for the digital audio and visual world, which provides easy one-cable connection and communication of both audio and pictures. It also reproduces high-resolution, fine images and sound by way of digital transmission while depressing noise generation. In addition, a DVI terminal*¹ is built-in to enjoy noiseless pictures by digital-to-digital connection with digital hardware and software including DVD players, set-top boxes, digital tuners and PCs.

The built-in PC Card Slot compatible with HDD PC cards*² provides versatile visual entertainment such as recording long-time programs and viewing still pictures recorded with digital cameras. In addition, with the built-in PC card slot compatible with hard disc PC cards, you can watch long recorded programs and view pictures taken with a digital camera.

Friendly to the Environment

Environmentally Conscious Design and Production

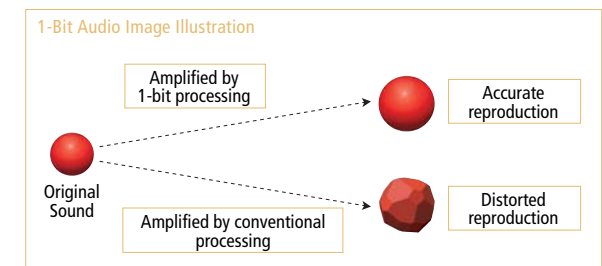
AQUOS G-Series is produced by Sharp and based upon the AQUOS Platform concept. From circuit design to LCD panel production, AQUOS is produced in Sharp's integrated production system, bringing not only a high-quality picture, but also a space-saving, energy-saving

and long-life design. In addition, the G-Series achieves superior environmentalism by utilizing eco-friendly materials.

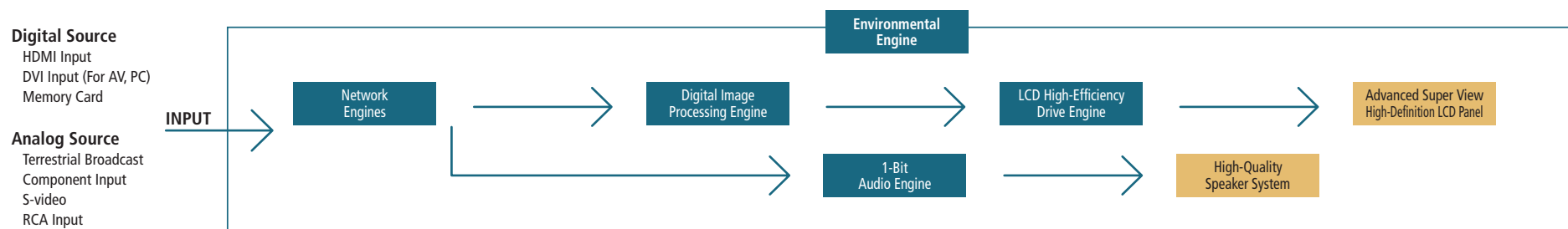
Stunning Sound Quality

1-Bit Digital Amplifier for crisp, clear sound

High-speed sampling of nearly 2.8 million times per second (64 times the CD rate) provides high-resolution digital sound, bringing dynamic, high-density audio with a sense of speed. It also reproduces natural, clear sound quality the same as the original, transferred without signals loss or random compensation.



Conventional analog amplifiers tend to be affected by noise mixing and distortion. The 1-Bit Digital Amplifier converts minute signals into 1-bit digital signals, preventing the effects of noise and reproducing sound quality as high-fidelity as the original.



*¹ Sharp's G-series models employ DVI-I terminals

*² Compatible with Hard Disc PC Card, xC Picture Card, Compact Flash, Multi-Media Card, Smart Media, Memory Stick, Micro Drive SD Card. A separately sold PC Card Adaptor is needed for each compatible media card.

S1 - Series

AQUOS Liquid Crystal Television
Available in 13"/15"/20" sizes

- 500:1 Contrast Ratio
- High Brightness 430 cd/m²
- DTV Compatible - 480p



S2 - Series

AQUOS Liquid Crystal Television
Available in 13"/15"/20" sizes

- 500:1 Contrast Ratio
- High Brightness 430 cd/m²
- DTV Compatible - 480p



B6 - Series

AQUOS Liquid Crystal Television
Available in 13/15/20" sizes

- Receives and displays HDTV signals*³
(separate HDTV set top box required)
- PC Input (available on 20" only, model LC20B6US)
- 500:1 Contrast Ratio
- High Brightness 430 cd/m²

*³Available on 20" (LC20B6US) only. 13" and 15" models (LC13B6US, LC15B6US) convert HDTV signals to DTV - 480p.



TV... *Where you want it*

Enjoy crystal clear TV, DVD and video entertainment virtually anywhere around the home without wires. The new 15-inch Wireless AQUOS™ LCD Television features Sharp's SmartLink® wireless digital audio video transmission system. Connect the transmitter to a video source, such as a DVD player, and watch your favourite movie or TV show in any room of the house. Ultra portable and lightweight, the Wireless AQUOS has a rechargeable lithium-ion battery that provides up to three hours of viewing time.

Wireless

AQUOS Liquid Crystal Television
Available in 15" size

- 500:1 Contrast Ratio
- High Brightness 430 cd/m²
- DTV Compatible - 480p





Features

Inputs

Audio

Dimensions W x H x D (mm) + [Weight (kg)]

	S1 Series	S2 Series	B6 Series	Wireless	G4 Series	LC45GX6U	GD4 Series	GD6 Series
Screen Size	13"/15"/20"	13"/15"/20"	13"/15"/20"	15"	26"/32"/37"	45"	26"/32"/37"/45"	26"/32"/37"/45"
Resolution	640x480x3	640x480x3	13"/15": 640x480x3 20": 1024x768x3	640x480x3	1366x768x3	1920x1080x3	26"/32"/37": 1366x768x3 45": 1920x1080x3	26"/32"/37": 1366x768x3 45": 1920x1080x3
DTV Compatible	480p	480p	13"/15": 480p 20": 720p (separate HDTV set top box required)	480p	720p	1080p	26"/32"/37": 720p 45": 1080p	26"/32"/37": 720p 45": 1080p
Aspect Ratio	4:3	4:3	4:3	4:3	16:9	16:9	16:9	16:9
Advanced Super View LCD Panel	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Black TFT Low-Reflection Coating	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Contrast Ratio	500:1	500:1	500:1	500:1	800:1	800:1	800:1	800:1
Brightness	430 cd/m ²	430 cd/m ²	430 cd/m ²	430 cd/m ²	450 cd/m ²	450 cd/m ²	450 cd/m ²	450 cd/m ²
Viewing Angle	170° (H) x 170° (V)	170° (H) x 170° (V)	170° (H) x 170° (V)	170° (H) x 170° (V)	170° (H) x 170° (V)	170° (H) x 170° (V)	170° (H) x 170° (V)	170° (H) x 170° (V)
Backlight	60,000 hours	60,000 hours	60,000 hours	60,000 hours	60,000 hours	60,000 hours	60,000 hours	60,000 hours
Quick Shoot Technology	-	-	13"/15" - No 20" - Yes, < 16 ms	-	Yes, < 16 ms	Yes, < 12 ms	26"-37" Yes, < 16 ms 45" Yes, < 12 ms	26"-37" Yes, < 16 ms 45" Yes, < 12 ms
CVIC II System Video Enhancement Circuit	-	-	-	-	Yes	Yes	Yes	Yes
Audio Video Control (AVC) Centre	-	-	-	-	26": Built-in 32"/37": Separate	Separate	Built-in	Built-in
PC Card	-	-	-	-	Yes	Yes	Yes	Yes
Cable Card	-	-	-	-	Yes	Yes	Yes	Yes
ATSC Tuner	-	-	-	-	Yes	Yes	Yes	Yes
Composite Video	2	2	2	4 (3 on base, 1 on TV)	3	3	3	3
S-Video	1	1	1	1	1	1	1	1
Component Video	1	1	1	-	2	2	2	2
DVI-D	-	-	-	-	1	1	1	1
HDMI	-	-	-	-	1	1	1	1
PC Input	-	-	13"/15" - No 20" - Yes	-	Yes	Yes	Yes	Yes
Monitor/Audio Output	A/V In/Out (Switchable)	A/V In/Out (Switchable)	A/V In/Out (Switchable)	A/V In/Out (Switchable)	Video (Composite/S-Video) Audio (Variable/Fixed)	Video (Composite/S-Video) Audio (Variable/Fixed)	Video (Composite/S-Video) Audio (Variable/Fixed)	Video (Composite/S-Video) Audio (Variable/Fixed)
Output Power	4.2W (2.1W x 2.1W)	4.2W (2.1W x 2.1W)	4.2W (2.1W x 2.1W)	4.2W (2.1W x 2.1W)	20W (10Wx10W)	20W (10Wx10W)	20W (10Wx10W)	20W (10Wx10W)
Speaker System	Bottom	Bottom	Side	Side	Side	Bottom	Side	Bottom
Surround System	-	-	-	-	Virtual Dolby Surround	Virtual Dolby Digital	Virtual Dolby Digital	Virtual Dolby Digital
Headphone Output	Front	Front	Front	Rear	AVC	AVC	Rear	Rear
With Table Stand & Speakers	13": 323 x 288 x 148 [3.6] 15": 363 x 319 x 153 [4.2] 20": 474 x 404 x 172 [6.4]	13": 323 x 366 x 203 [4] 15": 363 x 367 x 203 [4.7] 20": 474 x 473 x 220 [7.2]	13": 462 x 331 x 207 [4.9] 15": 525 x 363 x 206 [5.2] 20": 673 x 452 x 244 [8.6]	494 x 445 x 228 [6.3]	26": 848 x 493 x 278 [19] 32": 980 x 566 x 307 [22] 37": 1102 x 635 x 307 [24]	1084 x 802 x 306 [35]	26": 848 x 493 x 279 [19] 32": 980 x 566 x 307 [25.1] 37": 1102 x 635 x 307 [27.6] 45": 1269 x 730 x 306 [35.5]	26": 663 x 556 x 279 [18.5] 32": 795 x 638 x 307 [24.7] 37": 917 x 707 x 307 [26.8] 45": 1084 x 802 x 306 [34.5]
With Table Stand & without Speakers (where available)					26": 663 x 493 x 278 [12.6] 32": 795 x 566 x 307 [17.5] 37": 917 x 635 x 307 [18.5]	1084 x 802 x 306 [29.5]	26": 663 x 493 x 279 [15.5] 32": 795 x 566 x 307 [21.9] 37": 917 x 635 x 307 [24.1] 45": 1084 x 730 x 306 [30.5]	26": 663 x 556 x 279 [15.5] 32": 795 x 638 x 307 [22] 37": 917 x 707 x 307 [23.9] 45": 1084 x 802 x 306 [30.5]
Without Table Stand & with Speakers (where applicable)	13": 323 x 293 x 59 [3.3] 15": 363 x 324 x 59 [3.9] 20": 474 x 411 x 68 [6]	13": 323 x 293 x 59 [3.2] 15": 363 x 324 x 59 [3.9] 20": 474 x 411 x 68 [6]	13": 462 x 278 x 68 [3.7] 15": 525 x 319 x 59 [4.5] 20": 673 x 393 x 74 [7.3]	494 x 350 x 59 [5]	26": 848 x 407 x 95 [15.5] 32": 980 x 480 x 89.4 [17.5] 37": 1102 x 548 x 90 [19.5]	1084 x 742 x 90 [28.5]	26": 848 x 407 x 95 [15.5] 32": 980 x 480 x 99 [20.9] 37": 1102 x 548 x 99 [23.4] 45": 1269 x 645 x 108 [31]	26": 663 x 504 x 95 [15] 32": 795 x 577 x 99 [16.5] 37": 917 x 645 x 99 [18.5] 45": 1084 x 742 x 108 [30]
Without Table Stand & without Speakers (where applicable)					26": 663 x 407 x 95 [10.1] 32": 795 x 480 x 71 [13.01] 37": 917 x 548 x 71 [14.5]	1084 x 645 x 84 [23]	26": 663 x 407 x 95 [12] 32": 795 x 480 x 95 [16.5] 37": 917 x 548 x 99 [18.5] 45": 1084 x 645 x 99 [26]	26": 663 x 407 x 95 [12] 32": 795 x 577 x 99 [16.5] 37": 917 x 548 x 99 [18.5] 45": 1084 x 645 x 108 [26]
Audio Video Control Centre	-	-	-	Transmitter: 116 x 230 x 253 [1.1]	32"/37": 430 x 95 x 303 [6.5]	430 x 95 x 303 [7]	Built-in ATSC Tuner	Built-in ATSC Tuner



SHARP
..... *be sharp*

Sharp Electronics of Canada Limited.

335 Britannia Road East

Mississauga, Ontario

L4Z 1W9

sharp.ca

E.O.E. Specifications and design may be changed without prior notice. August 2004