

SHARP**AQUOS****Q+**
Quattron

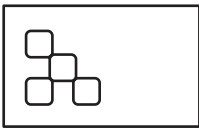
Highest Resolution Full HD

70" CLASS
LED Smart TV
(69.5" diagonal)

LC-70SQ15U



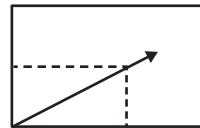
- Highest resolution Full HD TV
- 10M more subpixels than standard Full HD TV
- Plays 4K content; upscales HD content
- SmartCentral™ 3.0 integrates cable, satellite, and streaming channels, apps, mobile connectivity
- Quattron™ technology: a billion more shades of colour
- 8 million : 1 dynamic contrast ratio
- 240Hz refresh rate
- Slim design, super-thin bezel
- Powerful 20W audio; Bluetooth audio enabled
- ENERGY STAR® qualified

**QUATTRON+ TECHNOLOGY**

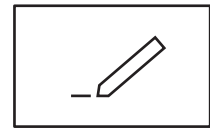
10 million more subpixels than full HD

**SMART**

SmartCentral 3.0 integrates cable, satellite and streaming channels, apps, mobile connectivity

**SIZE**

14% more screen area than a 65" class (diagonal)¹

**DESIGN**

Slim design, silver finish

THE HIGHEST RESOLUTION FULL HD TV.

The LC-70SQ15U, part of the AQUOS Quattron+ series of televisions, offers the highest resolution on a Full HD TV. Quattron+ Technology delivers higher resolution with 10 million more subpixels than Full HD, to give you more detail, depth, and colour. The LC-70SQ15U can even play 4K content via HDMI input. In fact, it is the only HDTV to accept a 4K signal – and it will play back at near-4K resolution. (Effective resolution up to 3840x2160.)

Quattron+ TVs feature Sharp's Proprietary Upscaler, which takes all of your HD content and optimizes it for the higher resolution screen, so that it's sharper and more vivid.

Since Quattron+ TVs are built using Quattron Technology, you can also experience the added benefit of a billion more shades of colour. A 240Hz refresh rate and 8 million: 1 dynamic contrast ratio give you precision clarity during fast-motion scenes. Plus, this TV features the new SmartCentral 3.0 smart TV platform, which allows you to search less and discover more. A smart guide integrates cable, satellite and streaming channels – no more switching TV inputs or apps to find the shows you want to watch. SmartCentral also gives you access to the best apps, from instant access to movies with Netflix® and Vudu®, to videos with YouTube®, music with Pandora® and Rhapsody®, social with Facebook®, and the best of gaming.² Now, virtually everything you do on the TV can be done from your tablet or smartphone. The SmartCentral 3.0 mobile app lets you search and discover new content without interrupting what you're watching, and launch it seamlessly.³ Change channels, volume, or inputs and adjust picture settings. Share videos, pictures and music. And with Miracast screen mirroring technology, anything on your smartphone, tablet or laptop can be viewed in glorious high definition TV without a wired connection.

¹ Based on data available as of January 20, 2014.

² Netflix, Hulu, CinemaNow, YouTube, Pandora, Rhapsody, and Facebook are registered trademarks. Internet service required. Not all services available in all areas. Some services require subscription.

³ Separate IR repeater necessary.



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TECHNICAL SPECIFICATIONS

PANEL SPECIFICATIONS

Quattron+ Technology	Yes
Quattron™ Technology	Yes
Sharp's Proprietary Upscaler	Yes
Display Panel Type	LCD
Backlight Type Source	LED-Edge Lit
Effective Resolution	Up to 3840 x 2160
Native Panel Resolution	1920 x 1080, Full HD
Subpixels	16 million
Aspect Ratio	16x9
Dynamic Contrast Ratio	8,000,000:1
Refresh Panel Rate	240Hz
Refresh Scanning Rate	-
Super Bright™	-

BROADCAST SYSTEM

Analog	NTSC
Digital	ATSC/QAM

BEZEL & TABLE STAND

Narrow Bezel	Yes
Slim Profile	Yes
Bezel Material	Plastic
Bezel Colour	Dark Silver Hairline
Stand Colour	Black (Matte)
Stand Shape	Wing

SPECIAL FEATURES

Wallpaper Mode	Yes
THX® Certified	-
Gaming Mode	Yes
Vintage Movie mode	Yes
AQUOS Advantage SM Live Powered by Update Logic	Yes

VIDEO

Optical Picture Control (OPC)	Yes
Enhanced Noise Reduction	Yes

AUDIO

Speakers (channel)	2
Speaker Location	Bottom, Down Firing
Speaker Output Power	10W+10W
Auto Volume Control	Yes
Clear Voice	Yes
Simulated Surround	Yes
Headphone Jack	-
Wall Mount Setting	Yes

SMARTCENTRAL 3.0

Smart Apps	Yes
Dual Core Processor	Yes
Remote Control Apps (iOS/Android)	Yes
Miracast	Yes
Web Browser	Yes
Split-Screen Web + TV	Yes
DLNA Certified®	Yes
MHL Compatible	Yes

AV INPUT/OUTPUTS (#, LOCATION)

RS-232C	1
PC In (1-15 pin D-sub)	1
Total USB Input(s)	2
USB feature	Photo/Music/Video/Software Update
Total HDMI Input(s)	4
ARC (Audio Return Channel)	Yes (HDMI 3)
4K input	Yes (4k/30Hz)
HDCP 2.2	Yes
MHL	Yes (HDMI 4)
RF in (Antenna/Cable)	1
Component Video Input(s)	1
Composite Video Input(s)	2
Audio Input(s)	4
Audio Output(s)	1
Digital Audio Output	Optical

CONNECTIVITY

Ethernet	Yes
Built-in Wireless	Yes (801.11 a/b/g/n)
IP Control	Yes
Bluetooth	Wireless Keyboard + Mouse (Sold separately)

3D

Type	Active 3D
Bluetooth 3D Glasses	Optional

CONVENIENCE FEATURES

Remote Type	Universal
Child Lock	Yes
Sleep Timer	Yes
Closed Caption	Yes
V-Chip	Yes
Language (English/French/Spanish)	Yes

POWER

Power Source (Voltage, Hz)	AC 110-240V, 60 Hz
ENERGY STAR® Qualified	Yes

WALL MOUNT

VESA Compliant	Yes (400mm x 400mm)
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DIMENSIONS/WEIGHT

Excluding Stand (w/htxd) (inches/mm)	62-39/64" x 37-21/64" x 3-9/32" 1590 x 948 x 83mm
Including Stand (w/htxd) (inches/mm)	62-39/64" x 38-45/64" x 14-21/32" 1590 x 983 x 372mm
Shipping (w/htxd) (inches/mm)	68-5/8" x 43-3/16" x 10-1/8" 1743 x 1097 x 257mm
Product Weight (lbs/kg) (Excluding Stand/Including Stand)	77.2 lbs, 35kg/83.8 lbs, 38kg
Shipping Weight (lbs/kg)	106.9 lbs/48.5kg

WARRANTY/UPC

Parts	1 year limited
Labour	1 year limited
UPC	074000376366

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Product specification and design are subject to change without notice.

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MODEL FEATURES



PICTURE QUALITY

QUATTRON+ TECHNOLOGY

Quattron+ technology divides each subpixel in two, resulting in 16 million subpixels on the TV – an astounding 10 million more than Full HD. More subpixels = more detail, and content is intelligently scaled to take advantage of this additional resolution. As a result, Quattron+ TVs are able to take a 1920x1080 resolution screen and make an effective resolution of up to 3840x2160.

QUATTRON™

Exclusive Sharp Quattron technology provides a clearer, richer picture, and noticeably more detail, colour and brightness by adding 2 million sub-pixels to the standard screen.

Sharp's Proprietary Quattron technology incorporates a fourth yellow subpixel to the standard red, green and blue, giving AQUOS Quattron televisions 33% more subpixels than a standard HDTV, for a total of 8 million subpixels. The AQUOS Quattron panel is brighter by design and uses less power than a conventional 1080p.

SHARP'S PROPRIETARY UPSCALER

The built-in Proprietary Upscaler takes all of your HD content and optimizes it for the higher resolution screen, so that it's sharper and more vivid.

240HZ REFRESH RATE

See sharper, more electrifying action with the most advanced panel refresh rates available today. 240Hz technology delivers crystal clear images, even during fast-motion scenes.



SMART

SMARTCENTRAL™ 3.0

This TV features the new SmartCentral 3.0 smart TV platform, which allows you to search less and discover more. A smart guide integrates cable, satellite and streaming channels – no more switching TV inputs or apps to find the shows you want to watch. SmartCentral also gives you access to the best apps, from instant access to movies with Netflix® and Vudu®, to videos with YouTube®, music with Pandora® and Rhapsody®, social with Facebook®, and the best of gaming.² Now, virtually everything you do on the TV can be done from your tablet or smartphone. The SmartCentral 3.0 mobile app lets you search and discover new content without interrupting what you're watching, and launch it seamlessly.³ Change channels, volume, or inputs and adjust picture settings. Share videos, pictures and music. And with Miracast screen mirroring technology, anything on your smartphone, tablet or laptop can be viewed in glorious high definition TV without a wired connection.

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WEB BROWSER

Welcome to the world's most incredible web browser: your Sharp television. Big, beautiful, super-fast, and built-in, you can now visit all your favourite sites in a window larger than life.

SPLIT-SCREEN WEB + TV

Sharp's split-screen experience lets you surf the web while you watch TV, so you never have to choose between your favourite show and your favourite site. Technology that gives you the best of television and the best of the web – that's truly the best experience.

FLASH-ENABLED

Not all browsers are created equal. Sharp lets you see stunning Flash-created animations live from your browser so that you can focus on the content, not the compatibility.

BUILT-IN WI-FI

Every AQUOS Smart TV has built-in Wi-Fi technology* that allows you to connect without the hassle of finding a cable.

*Additional fees and/or subscriptions may apply

HDMI®

When it comes to HD connections for your gear, the more the better. HDMI® lets you connect sources like your Blu-ray Disc™ player, cable box, and game consoles with the most advanced digital connections available today.

MHL®

An MHL® connection turns a small-screen phone into a big-screen experience. MHL delivers HD uncompressed video with up to eight channels of digital audio. Since MHL also charges the mobile device, you can power up at the same time you're connected. You can also control MHL-enabled mobile devices using your existing TV remotes to easily access and select content.

COMPATIBILITY

Sharp AQUOS LED large screens are smarter smart TVs. They work seamlessly with virtually all your gear, from Blu-ray™ to cable boxes to gaming consoles. And with 4 HDMI® inputs, you can keep your options open.

AUTOMATIC SOFTWARE UPDATES

Television at its smartest: your AQUOS LED TV automatically updates its software as improvements and optimizations are developed.

AQUOS ADVANTAGE LIVE (AAL)

AQUOS Advantage Live is Sharp's best-in-class customer support service, featuring real-time Remote Diagnostics Services. Through this service our expert team of advisors can personally assist in remotely adjusting your TV, optimizing settings, testing signals and checking connections to ensure the best viewing experience.



DESIGN

PREMIUM MATERIALS

AQUOS TVs are designed with high-quality finishes on thin diamond-cut bezels, creating a modern look and feel. The TVs allow for multiple mounting possibilities, and are efficiently designed to squeeze all the beautiful picture quality you want into a slim profile.

WALLPAPER MODE

This innovative feature turns a blank screen into a work of art. When the TV is turned off, Wallpaper Mode lets you display virtually any image you choose on the AQUOS LED screen at a reduced light level that mirrors museum conditions, so your screen blends beautifully into your room's decor. All at extremely low power. You can even set on and off times.

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MODEL FEATURES



AUDIO

20W AUDIO

Big sound to complete your big-screen experience. The powerful 20W audio features high fidelity with Clear Voice, so all of your scenes sound great.



CONNECTIONS

CONNECT ALL YOUR FAVOURITE GEAR

Connect all your favourite gear—Blu-ray™ players, gaming consoles, streaming players, and more via four HDMI inputs that can even accept native 4K (3840 x 2160) signals. With all these connection options, your Quattron+ can expand along with tomorrow's sources.