

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

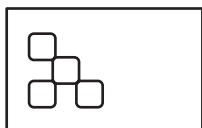
Highest Resolution Full HD

**70"** CLASS  
LED Smart TV  
(69.5" diagonal)

LC-70TQ15U



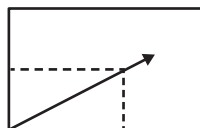
- Highest resolution Full HD TV
- 10M more subpixels than standard Full HD TV
- Plays 4K content; upscales HD content
- SmartCentral™ 3.0 integrates cable, satellite, and streaming channels, apps, mobile connectivity
- Quattron™ technology: a billion more shades of color
- 8 million : 1 dynamic contrast ratio
- 240Hz refresh rate
- Slim design, super-thin bezel
- Powerful 35W audio (incl. subwoofer); Bluetooth audio enabled
- ENERGY STAR® qualified

**Q+ TECHNOLOGY**

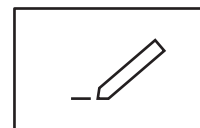
10 million more subpixels than full HD

**SMART**

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

**SIZE**

14% more screen area than a 65" class (diagonal)<sup>1</sup>

**DESIGN**

Slim design, aluminum bezel

## THE HIGHEST RESOLUTION FULL HD TV.

The LC-70TQ15U, part of the AQUOS Q+ series of televisions, offers the highest resolution on a Full HD TV. Q+ Technology delivers higher resolution with 10 million more subpixels than Full HD, to give you more detail, depth, and color. The LC-70TQ15U 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.)

Q+ TVs feature Sharp's Revelation™ 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 Q+ TVs are built using Quattron Technology, you can also experience the added benefit of a billion more shades of color. 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.<sup>2</sup> 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.<sup>3</sup> 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.

<sup>1</sup> Based on data available as of January 20, 2014.

<sup>2</sup> 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.

<sup>3</sup> Separate IR repeater necessary.



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LC-70TQ15U

**TECHNICAL SPECIFICATIONS****PANEL SPECIFICATIONS**

Q+ Technology	Yes
Quattron™ Technology	Yes
Revelation™ 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	Aluminum
Bezel Color	Silver (Brushed)
Stand Color	Silver (Matte)
Stand Shape	Oval

**SPECIAL FEATURES**

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

**VIDEO**

Optical Picture Control (OPC)	Yes
Enhanced Noise Reduction	Yes

**AUDIO**

Speakers (channel)	2.1
Speaker Location	Bottom, Down Firing
Speaker Output Power	10W +10W+ 15W (w/Subwoofer)
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 App (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(inches/lbs.)**

Excluding Stand (w/htxd)	62-9/64" x 36-25/32" x 2-21/64"
Including Stand (w/htxd)	62-9/64" x 38-15/64" x 15-11/64"
Shipping (w/htxd)	70-7/16" x 41-47/34" x 9-7/32"
Product Weight (Excluding Stand/Including Stand)	92.6 lbs/109.1 lbs
Shipping Weight	125.7 lbs
UPC	074000376458

**WARRANTY/UPC**

Parts	1 year limited
Labor	1 year limited

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Product specification and design are subject to change without notice.

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## MODEL FEATURES



### PICTURE QUALITY

#### Q+ TECHNOLOGY

Q+ 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, Q+ 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, color 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.

#### REVELATION™ UPSCALER

The built-in Revelation 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.<sup>2</sup> 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.<sup>3</sup> 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 favorite 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 favorite show and your favorite 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 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

#### 35W AUDIO WITH SUBWOOFER

Your ears will love the big sound to complete your big screen experience. The powerful 35W audio features high fidelity with Clear Voice, with built in subwoofer, so all your scenes sound great.



### CONNECTIONS

#### CONNECT ALL YOUR FAVORITE GEAR

Connect all your favorite 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 Q+ can expand along with tomorrow's sources.