

**SHARP®****AQUOS****Q+**

Quattron + Revelation Technology

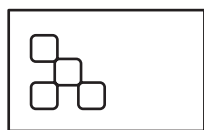
**80"** CLASS  
LED Smart TV  
(Diagonal)

LC-80UQ17U



In earning THX® certification, the AQUOS® LC-80UQ17U LED Smart TV passed over 400 rigorous tests, meeting the highest standards in picture performance.

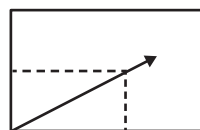
- Highest resolution Full HD TV available; 10 million more subpixels than Full HD
- Built-in upscaler makes everything sharper and more vivid
- Future ready; Plays 4K content
- 3D (2 pair of glasses incl.)
- Quattron™ technology for a billion more shades of color
- Smart TV with all the best apps, integrated TV guide & global search, smartphone and tablet connectivity
- Slim design, aluminum bezel
- 240Hz refresh rate & AquoMotion 960
- Super Bright™
- Bluetooth audio

**REVELATION™ TECHNOLOGY**

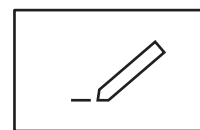
More detail, depth and color than Full HD TV

**SMART**

Integrated guide, global search, apps and mobile

**SIZE**

14% more screen area than a 75" class (diagonal)

**DESIGN**

Slim design, diamond-cut aluminum bezel

## THE HIGHEST RESOLUTION FULL HD TV AVAILABLE.

The LC-80UQ17U features Sharp's proprietary Quattron technology and exclusive Revelation technology to deliver 16 million sub-pixels - 10 million more than conventional full HD TVs - for more detail, depth and color. It's the highest resolution available on a Full HD TV. Revelation technology also includes a built-in upscaler, making everything you watch sharper and more vivid. The LC-80UQ17U is future ready, with the ability to play 4K content. In fact, it is the only HDTV to accept a 4K signal. 240Hz refresh rate and 12 million : 1 dynamic contrast ratio give you precision clarity during fast-motion scenes. It is THX certified, and includes SuperBright technology for brighter light colors and richer dark colors. The new 2014 SmartCentral™ smart TV platform gives you all the best apps, lets you search across all your content sources, get recommendations, and easily navigate from a single remote control or your smart mobile device. No more switching TV inputs or launching individual apps to find the shows you want to watch.



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(Diagonal) **LED Smart TV**

LC-80UQ17U

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

Revelation™ Technology	Yes
Quattron™ Technology	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
Aspect Ratio	16x9
Dynamic Contrast Ratio	12,000,000:1
Refresh Panel Rate	240Hz
Refresh Scanning Rate	AquaMotion 960
Super Bright™	Yes

**BROADCAST SYSTEM**

Analog	NTSC
Digital	ATSC/QAM

**BEZEL & TABLE STAND**

Narrow Bezel	Yes
Slim Profile	Yes
Bezel Material	Aluminum (Diamond Cut)
Bezel Color	Silver (Brushed)
Stand Color	Dark Silver (Matte)
Stand Shape	Branch

**SPECIAL FEATURES**

Wallpaper Mode	Yes
THX® Certified	Yes
Gaming Mode	Yes
Vintage Movie mode	Yes
4K Upconverter	Yes
AQUOS Advantage <sup>SM</sup> Live	Yes
Powered by Update Logic	

**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**

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	Audio, Wireless Keyboard + Mouse (Sold separately)

**3D**

Type	Active 3D
Bluetooth 3D Glasses	AN-3DG40 (2 included)

**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 (600mm x 400mm)
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**DIMENSIONS/WEIGHT(inches/lbs.)**

Excluding Stand (w/htxd)	71-27/32" x 42-3/64" x 2-3/8"
Including Stand (w/htxd)	71-27/32" x 44-3/32" x 18-1/32"
Shipping (w/htxd)	78-5/8" x 47-13/32" x 12-5/32"
Product Weight (Excluding Stand/Including Stand)	135.6 lbs/156.5 lbs
Shipping Weight	184.1 lbs
UPC	074000376335

**WARRANTY/UPC**

Parts	1 year limited
Labor	1 year limited

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Product specification and design are subject to change without notice.

SHARP ELECTRONICS CORPORATION  
Sharp Plaza, Mahwah, NJ 07495  
1-800-BE-SHARP  
www.sharppusa.com

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## MODEL FEATURES



### PICTURE QUALITY

#### REVELATION™ TECHNOLOGY

Revelation technology enhances picture quality so Q+ TVs can deliver higher resolution. By using 10 million more subpixels than Full HD, Q+ shows images in epic levels of detail and clarity. Revelation technology also includes a built-in upscaler, which takes all of your content and optimizes it for the higher resolution screen, so that everything you watch is sharper and more vivid. It also allows you to be future ready. Q+ can play 4K content via HDMI input. In fact, it is the only HDTV to accept a 4K signal.

#### 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.

#### 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.

#### AQUOMOTION™ 960

AquaMotion 960, Sharp's backlight scanning technology, quadruples the effective refresh rate to hit you with all the power that fast-moving sports and movies can deliver.

#### SUPER BRIGHT™

High-brightness panel combined with an intelligent contrast engine, constantly analyzes the signal and enhances the brightness of the bright objects on the screen while maintaining the black levels on the rest of the screen. The result is a more brilliant, more contrasted picture.



### SMART

#### SMARTCENTRAL™

Discover and access your favorite content - and enjoy it immediately on the world's most gorgeous big screen. Get the most from your TV experience with all the best apps, search across all your content sources (including cable, satellite, or streaming services), get recommendations based on your preferences, and easily navigate it all from a single remote control or your smart mobile device.

SmartCentral has all 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 - what you love is only a click away.

Search once and discover more. No more switching TV inputs or launching individual apps to find the shows you want to watch. From one place, you can access your cable, satellite and streaming

services and search across them all by title, genre, time and popularity. So intelligent, it will even help you discover new content by providing recommendations based on your preferences.

#### SMARTCENTRAL™ MOBILE APP

Put the "smart" in the palm of your hand with Sharp's exclusive SmartCentral mobile app. Now, virtually everything you do on your Smart TV can be done from your tablet or smartphone. Access your TV guide and share videos, pictures and music. Search and discover new content from your smart device. Change channels, volume, or inputs and adjust picture settings. 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.\*

\*Miracast is supported on Android version 4.2 and above. Microsoft support Miracast on Windows 8.1 or Windows RT 8.1 devices. Please check Google Android and Microsoft website to see whether your device supports Miracast.

#### DUAL-CORE PROCESSOR

Dual-core processing means faster load times for apps and the web browser. So you spend less time waiting and more time enjoying.

#### 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.

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## MODEL FEATURES

### 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.



### 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

### ABILITY TO PLAY 4K CONTENT

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 Quattron+ can expand along with tomorrow's sources.

**3D**

### 3D

### 2D/3D SWITCH

With Sharp 3D glasses, you can switch from 3D to 2D any time you want – without affecting anyone else in the room. With Sharp 3D, everyone gets what they like.