

**SHARP®****AQUOS****4K**

Ultra HD

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

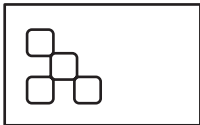
LC-70UD1U



- Four times the pixel resolution of Full HD
- Revelation™ Upscaler makes everything sharper and more vivid
- SmartCentral™ provides unlimited content choices, seamless control, and instant connectivity
- THX® 4K certified display for exceptional image quality
- 10 million : 1 dynamic contrast ratio
- 120Hz refresh rate with AquoMotion 240
- Slim design, super-thin aluminum bezel
- Powerful 35W Audio with DuoBass
- Active 3D, includes 2 pairs of glasses

**THX**  
**4K DISPLAY**

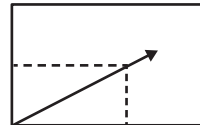
In earning THX® certification, the AQUOS® LC-70UD1U LED Smart TV passed over 400 rigorous tests, meeting the highest standards in picture performance.

**REVELATION UPSCALER**

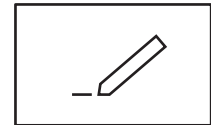
Makes everything you watch sharper and more vivid

**SMART**

SmartCentral™ provides unlimited content choices, seamless control, and instant connectivity

**SIZE**

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

**DESIGN**

Slim design, dark silver brushed aluminum bezel

**CERTIFIED AMAZING.**

The Sharp® AQUOS 4K Ultra HD is held to a higher standard of picture performance. With four times the pixel resolution of full HD, everything you watch on the THX 4K-certified AQUOS 4K Ultra HD LED TV is four times sharper and more realistic. It's not just amazing—it's certified amazing.

To engineer the ultimate picture experience, we perfected three things: the panel, to deliver high contrast and superior picture; the processing, giving you sharper images and less blur; and the color, so you can be sure you're seeing the image closest to what the director intended. After we perfected it, we tested it. In earning the first THX 4K certification, the AQUOS 4K Ultra HD LED TV passed more than 400 rigorous tests, meeting the highest standards in picture performance. A built-in upscaler seamlessly renders images from any source—cable, Blu-ray, DVD and streaming content—to produce pictures at gorgeous UHD resolution.

Sharp's intuitive SmartCentral™ lets you quickly connect to your favorite content. Working through built-in Wi-Fi, you can instantly access apps, streaming movies, music, games, and websites. Dual-core processing means faster load times for apps and the web browser, so you spend less time waiting and more time enjoying. And with instant access to movies with Netflix®, to videos with YouTube®, music with Pandora® and Rhapsody®, social sites like Facebook and Twitter, and the best of gaming – what you love is only a click away. Web browsing on your Sharp television completes the incredible experience; big, beautiful, super-fast, and built-in, you can now visit all your favorite sites in a window larger than life.

<sup>1</sup> Compared to other 4K Ultra HD TVs. Based on data available as of January 20, 2014.



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Ultra HD

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

LC-70UD1U

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

Q+ Technology	-
Quattron™ Technology	-
Revelation™ Upscaler	Yes
Display Panel Type	LCD
Backlight Type Source	LED Edge-Lit
Effective Resolution	3840 x 2160 , Ultra HD
Native Panel Resolution	3840 x 2160 , Ultra HD
Subpixels	24 million
Aspect Ratio	16:9
Dynamic Contrast Ratio	10,000,000:1
Refresh Panel Rate	120Hz
Refresh Scanning Rate	AquaMotion 240
Super Bright™	-

**BROADCAST SYSTEM**

Analog	NTSC
Digital	ATSC/QAM

**BEZEL & TABLE STAND**

Narrow Bezel	Yes
Slim Profile	Yes
Bezel Material	Aluminum
Bezel Color	Black
Stand Color	Dark silver hairline
Stand Shape	Rectangle

**SPECIAL FEATURES**

Wallpaper Mode	Yes
THX® Certified	Yes
Gaming Mode	Yes
Vintage Movie mode	No
AQUOS Advantage™ Live Powered by Update Logic	No

**VIDEO**

Optical Picture Control (OPC)	Yes
Enhanced Noise Reduction	Yes

**AUDIO**

Speakers (channel)	2.1
Speaker Location	Bottom, Front Firing
Speaker Output Power	10W +10W+ 15W (w/DuoBass)
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 App (iOS/Android)	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 1)
4K input	Yes(4k/30Hz)
HDCP 2.2	-
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	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 120 V, 60 Hz
ENERGY STAR® Qualified	No

**WALL MOUNT**

VESA Compliant	Yes (400mm x 400mm)
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**DIMENSIONS/WEIGHT(inches/lbs.)**

Excluding Stand (w/htxd)	62-9/64" x 37-13/32" x 4-16/32"
Including Stand (w/htxd)	62-9/64" x 39-7/64" x 16-15/32"
Shipping (w/htxd)	70 7/16" x 11 3/32" x 42 3/4"
Product Weight (Excluding Stand/Including Stand)	103.6 lbs/121.3 lbs
Shipping Weight	143.3 lbs
UPC	074000376212

**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

#### THX® 4K CERTIFIED

In earning the world's first THX 4K certification, the AQUOS 4K Ultra HD LED TV passed over 400 rigorous tests, ensuring that it meets the highest standards in three key picture quality categories: screen uniformity, color performance, and motion processing.

#### 4K ULTRA HD LED TV DISPLAY

Sharp took its already stunning AQUOS HD picture technology and gave it four times the pixel resolution for even more clarity, depth, and detail. The AQUOS 4K Ultra HD LED TV enhances everything you watch today with impeccably crisp detail and image clarity never before seen in a 4K (3840 x 2160) display.

#### AQUOMOTION™ 240

See sharper, more electrifying action. The native 120Hz panel plus AquaMotion 240 backlight scanning technology multiplies the effective refresh rate to deliver images that are crystal clear, even during fast-motion scenes.



### SMART

#### SMARTCENTRAL™

Sharp's intuitive SmartCentral™ lets you quickly connect to your favorite content. Working through built-in Wi-Fi, you can instantly access apps, streaming movies, music, games, and websites. Dual-core processing means faster load times for apps and the web browser, so you spend less time waiting and more time enjoying. And with instant access to movies with Netflix®, to videos with YouTube®, music with Pandora® and Rhapsody®, social sites like Facebook and Twitter, and the best of gaming – what you love is only a click away. Web browsing on your Sharp television completes the incredible experience: big, beautiful, super-fast, and built-in, you can now visit all your favorite sites in a window larger than life.

#### 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.

#### MOST POPULAR APPS

From instant access to movies with Netflix®, to videos with YouTube®, music with Pandora® and Rhapsody®, social sites like Facebook and Twitter™, video and voice calls with Skype™\*\*, and the best of gaming – what you love is only a click away.

#### 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.

#### REMOTE CONTROL APP

Your remote's never out of reach with Sharp's app that lets you change the channel right from your iOS® or Android™ smartphone or tablet.

#### SHARP BEAM

Beam app turns your smartphone into a fully functional content sharer that's simple and fun to use. Flick photos, videos, movies, and more from your smartphone or tablet to your big screen.

#### NETFLIX SECOND SCREEN

With Netflix Second Screen, you can browse and select the movie or show you want to watch on your smartphone and play it on your TV – instantly. Now the only thing standing between you and your favorite movies and TV shows is deciding which to watch.

#### 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

#### 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.

#### AUTOMATIC SOFTWARE UPDATES

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



### DESIGN

#### A HIGHER STANDARD OF DESIGN

The AQUOS 4K Ultra HD LED TV's sleek frame, with metallic black finish and arc stand, features an ingenious speakers-in-front design. You enjoy robust sound with a narrower footprint.

#### 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.



### SOUND

#### DUOBASS AUDIO SYSTEM WITH FRONT-FACING SPEAKERS

Your ears will love the AQUOS 4K Ultra HD LED TV, too. Its 6-speaker sound system—including separate mid-range and tweeters—along with Sharp's proprietary DuoBass dual subwoofer system delivers a powerful 35 watts with clear voices, broad dynamic range, and deep bass.

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## MODEL FEATURES



### CONNECTIONS

#### 4K PHOTO PLAYBACK

4K (3840 × 2160) Photo Playback via a built-in SD card reader and two USB ports means that for the first time, you can see the full resolution and detail captured in your 8MP photos. With four times the pixel resolution the AQUOS 4K Ultra HD LED TV lets you see more details than ever before.

#### 4 HDMI WITH NATIVE 4K INPUT

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



### 3D

#### ACTIVE 3D + 2 PAIRS OF 3D GLASSES

Sharp's Active 3D technology brings you twice the detail of passive 3D so every scene comes alive for an intensely immersive experience. Two pairs of Bluetooth 3D glasses are included in the box.

#### 2D/3D SWITCH

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