

SHARP®

LE700 Series
LC-52LE700UN, LC-46LE700UN, LC-40LE700UN, LC-32LE700UN
HDTV AQUOS® LCD TVs



AQUOS®
LED

ultra
BRILLIANT
LED
FULL ARRAY WHITE L.E.D.

MC
SPECTRAL
CONTRAST
ENGINE

X-GEN
PANEL

Fine Motion Enhanced
120Hz
Frame Rate Conversion

FULL
HD 1080P

With the introduction of the LE700 Series, Sharp combines its legendary AQUOS LCD panel technology with a newly developed, proprietary Full Array LED backlight system to create picture quality that is second to none. Available in four screen sizes — 52" Class (52-1/32" Diagonal), 46" Class (45-63/64" Diagonal), 40" Class (40" Diagonal) and 32" Class (31-1/2" Diagonal) — the LE700 Series again illustrates Sharp's LCD technology leadership while also demonstrating its LED engineering advantages. Sharp's UltraBrilliant LED system illuminates the TV to extremely high brightness and contrast levels and enables environmental benefits such as longer life expectancy, no heavy metals and lower power consumption. At the same time, the new XGen LCD Panel utilizes an ingeniously devised pixel design that permits more light to pass through even while minimizing light leakage, with the result being the deepest black levels that AQUOS has ever achieved. Overall, the LE700 Series shows that with Sharp, it's not just LED... it's AQUOS LED.

Features:

Full HD 1080p (1920 x 1080) Resolution for the sharpest picture possible.

UltraBrilliant LED System includes a "double-dome" light amplifier lens and multi-fluorescents, enabling high brightness and color purity. The system features a full array of LEDs evenly dispersed behind a diffuser, resulting in more uniformity.

Full HD 1080p XGen LCD Panel with 10-bit processing and Crystalucet coating technology* is designed with advanced pixel control to minimize light leakage and wider aperture to let more light through, providing the industry's highest contrast level (Spectral Contrast Engine MC).

120Hz Fine Motion Enhanced for fast-motion picture quality.

Wide Viewing Angles (176°H x 176°W) Sharp's AQUOS® LCD TVs' viewing angles are so wide, you can view the TV clearly from practically anywhere in the room.

AQUOS LINK™ enables convenient control of AQUOS Blu-ray Disc™ players.

High Brightness (450 cd/m²) AQUOS LCD TVs are very bright. You can put them virtually anywhere – even near windows, doors or other light sources – and the picture is still vivid.

AQUOS Net delivers customized Internet content and live customer support via Ethernet, viewable in widget, full-screen or split-screen mode*.

USB Photo Viewer adds the convenience of viewing high-resolution digital photos on the TV*.

* except on LC-32LE700UN

Specifications

Models	LC-52LE700UN	LC-46LE700UN	LC-40LE700UN	LC-32LE700UN
Screen Size	52" Class (52-1/32" Diagonal)	46" Class (45-63/64" Diagonal)	40" Class (40" Diagonal)	32" Class (31-1/2" Diagonal)
Panel Type	X Gen LCD Panel			
Pixel Resolution	1920 x 1080			
Brightness	450cd/m ²			
Back-Light System	Full array LED			
Viewing Angle	176°H / 176°V			
LED Life* ¹	100,000 hours (tentative)			
Audio System	10W + 10W			
Tuning System	ATSC / QAM / NTSC			
Spectral Contrast Engine Level	MC			
Aspect Ratio	16:9			
Response Time	4 (V. 1.3 with deep color)			
HDMI™ Input	4 (V. 1.3 with deep color)			
HD Component Input	2 (1080p compatible)			
PC Input	15-pin D-Sub x 1			
S-Video Input	1			
Composite Video Input (A/V)	2			
RS-232C	9-pin x 1			
Audio Inputs (L/R)	4			
Cabinet Color	Black			
Table Stand	Included			
VESA Mounting Pattern	400mm		300mm	200mm
Power Consumption AC	250W	200W	160W	130W
Power Source	120V, 60 Hz			
ENERGY STAR® Qualified* ²	Yes			
Limited Warranty* ³	1 year parts and labor from date of purchase			
TV Dimensions (wxhxd) (inches) TV with Stand and Speakers TV with Speakers only	48-3/4 x 32-13/64 x 13-61/64 48-3/4 x 30-1/8 x 3-43/64	43-9/32 x 29-11/64 x 13-61/64 43-9/32 x 27-3/32 x 3-45/64	37-61/64 x 26-3/16 x 12-3/8 37-61/64 x 24-3/32 x 3-41/64	30-13/64 x 21-47/64 x 10-27/32 30-13/64 x 19-49/64 x 3-19/32
Net Weight (in pounds) TV with Stand and Speakers TV with Speakers only	57.3 50.7	47.4 40.8	30.9 26.5	26.5 23.1
UPC	074000372191	074000372207	074000372214	074000372221

*¹ The typical period of time after which the lamp's power output will have decreased by about half, given that the AQUOS LCD TV is used continuously in a 77°F room under standard lighting and brightness conditions.

*² As an ENERGY STAR® partner, Sharp has determined that this product meets the ENERGY STAR guidelines for energy efficiency. ENERGY STAR is a U.S. registered mark.

*³ See warranty statement included in the product operation manual or as a PDF download at www.sharppusa.com.

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Product specifications and design are subject to change without notice.

