

SHARP[®]

AQUOS

More Color. More Clarity. More Choice.

AQUOS[®]

THERE'S MORE TO SEE



Sharply defined.

The AQUOS® high definition experience.

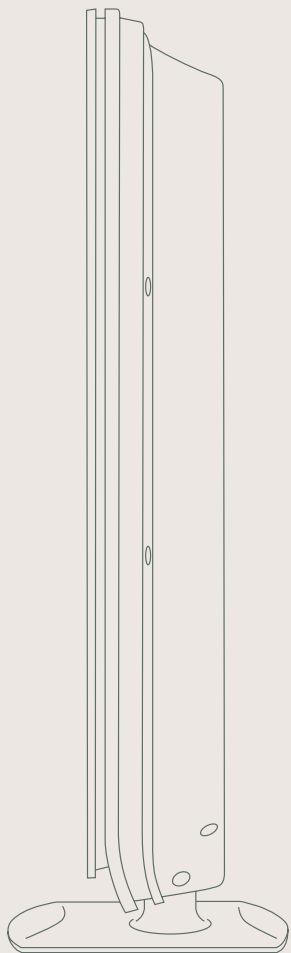
Sharp, the leader in Liquid Crystal Television technology, defines the HDTV viewing experience. With breathtaking color, incredible image clarity and sublime, award-winning designs, AQUOS Liquid Crystal Televisions deliver more lifelike detail and drama into the world than ever before. Inspired by life and engaging all of the senses, the sleek and stylish AQUOS LC-TVs transform ordinary television into a work of art.

AQUOS. There's always more to see.



LC-52D62U

4.95"



The D62U Series



42" LC-42D62U

Black is back. And better than ever.

In a world where color trends come and go, Sharp is excited to introduce its new contemporary classic—the D62U Series. With screen sizes of 42-, 46- and 52-inches, the D62U Series offers the most elegant, cutting-edge flat panel televisions available. This series sets new standards in HDTV style and innovation, with a striking piano black finish, subtly recessed speakers, brilliant color reproduction and spectacular picture quality. In addition to providing a high contrast ratio, the newest AQUOS® series includes a next-generation Advanced Super View LCD panel that delivers 1080p full spec HD (1920 x 1080) resolution for the sharpest possible picture. Plus, its Multi-Pixel Technology* significantly improves color reproduction at virtually every viewing angle. The dual HDMI™ inputs are compatible with 1080p sources such as Blu-ray™ players. All of this means that, through the AQUOS, there is always more to see.



46" LC-46D62U



52" LC-52D62U

Key Features : D62U Series

1920 x 1080 pixels (1080p)

ASV/Black TFT LCD panel

HDTV (1080p) tuner

10,000:1 dynamic contrast ratio
with enhanced picture contrast technology*

2000:1 contrast ratio (1200:1 on 42")

176° viewing angles

60,000-hour lamp life

4-wavelength backlight*

Multi-Pixel Technology*

4ms response time with Fine Motion Mode on*

Dual 1080p capable HDMI™ inputs

Bottom-mounted, recessed speakers

High gloss black cabinet



* LC-46D62U and LC-52D62U only

AQUOS® advanced technology.

A vision that brings so much more to see.

Great style and performance do not just happen. It takes a commitment to quality, an incredibly talented team of professionals and a vision for innovation. Sharp, a global leader in Liquid Crystal Televisions year after year, brings all of this and more to our technology, continually raising the bar for outstanding quality and high performance.

Multi-Pixel Technology

By dividing each pixel into two sections and developing an advanced driving system, Sharp's new Multi-Pixel Technology delivers more natural and accurate color reproduction when viewing the screen from virtually any angle. This technology improves extreme-angle viewing by approximately 60 percent.



Without Multi-Pixel Technology



With Multi-Pixel Technology

Next-Generation Advanced Super View LCD Panel

The purest whites. The deepest blacks. The most vivid range of color. That's what comes with Sharp's innovative LCD panel technology. The panel uses an enhanced color filter that allows greater light transmission—providing a greater native contrast ratio of up to 2000:1 and a response time as quick as 4ms for true filmlike smoothness. This means richer color and a more accurate, more brilliant depiction of the world on screen.



Contrast with Original Color Filter



Improved Contrast with Enhanced Color Filter

Four-Wavelength Backlight System

The conventional three-wavelength red, green and blue LCD backlight just got better. Sharp has vastly improved natural color reproduction with the development of its four-wavelength backlight system, adding a remarkably vivid crimson red to the palette—and changing the way LCD TV is viewed. The LC-57D90U takes the technology a step further with a five-wavelength backlight system, adding an even deeper green. With Sharp, the color possibilities are endless.



Conventional Backlight System

Four-Wavelength Backlight System

Images on this page are simulated for comparative purposes.



Sharp's new state-of-the-art factory in Kameyama, Japan

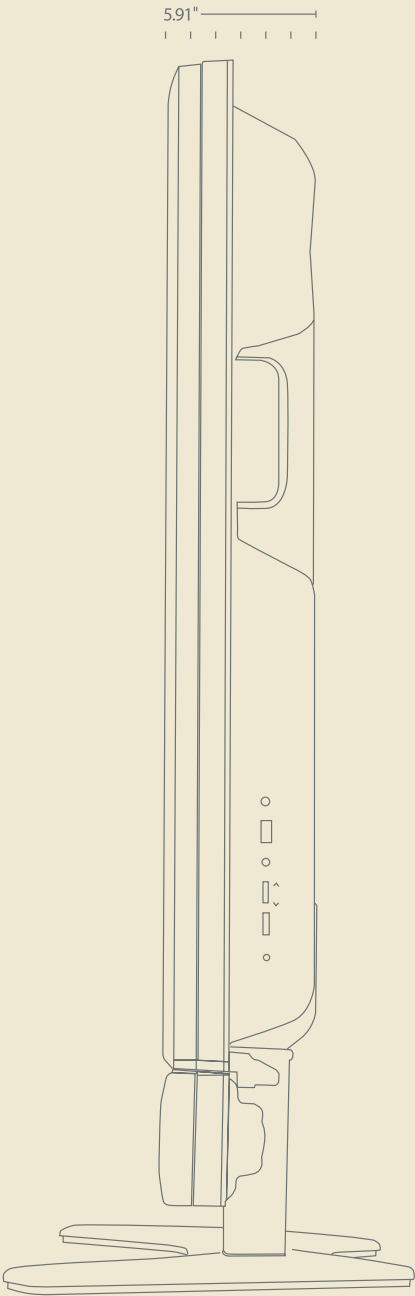
The most advanced facility for the integrated manufacture of LCD TVs.

The Sharp Liquid Crystal Television plant in Kameyama, Japan, represents the ultimate example of economic efficiency, social mindedness and environmental conservation. Combining Sharp's vast experience and knowledge in R&D and mass production, including 50 years of TV and 30 years of LCD production, the Sharp Kameyama plant is a world-class facility for the manufacture and assembly of LCD panels.

Continuing its leadership, Sharp will open a second plant at Kameyama in October 2006. This will be the world's first facility to adopt 8th generation glass substrates, which are roughly twice as large as the substrates used in the number one plant. Plant number two is specially designed for the production of glass for LC-TV screen sizes in the 40-inch through 50-inch range and will provide a steady supply of medium to large panels to respond to the growing worldwide demand for digital and high definition compatible flat panel televisions.

The most advanced technology to minimize environmental impact.

The Kameyama plant was designed as a "Super Green Factory." A cogeneration system and a photovoltaic power generation system supply the plant with approximately one-third of its energy needs. Combined with a waste-heat recovery system that transforms waste heat into air conditioning, Sharp reduces CO₂ emissions by 40 percent per year. In addition, the plant collects all the wastewater from the production process and recycles it using water purification technology. Via its Super Green Strategy, by the year 2010, Sharp plans to completely offset its production of greenhouse gas emissions by way of energy savings from new energy-efficient products and energy creation through the proliferation of Sharp solar cells.



The beauty is in the details.

And now those details are even bigger.

Like always, AQUOS® Liquid Crystal Televisions are a beautiful combination of leading-edge technology and thoughtful design—bringing a new level of elegance and sophistication to any home. And it's only from Sharp. With a striking titanium finish, the D90U series includes the two largest screen sizes in the AQUOS family, the 65-inch LC-65D90U and the 57-inch LC-57D90U.

Power. Performance. Perfection. That's what comes with the ever-impressive D90U Series. The LC-65D90U and LC-57D90U models boast 1920 x 1080 resolution Advanced Super View LCD panels for full HD 1080p display—the highest HDTV spec available. Both models come equipped with an HDMI™ input, integrated HDTV tuners and a CableCARD™ slot. The 57" also features unbeatable 1500:1 contrast ratio and 4ms response time.



65" LC-65D90U



57" LC-57D90U

Key Features: D90U Series

16:9 aspect ratio (1920 x 1080 pixels)

Full HD 1080p display

ASV/Black TFT LCD panel

HDTV (1080p) tuner

60,000-hour lamp life

Digital Cable Ready with CableCARD™ slot

i.Link™ IEEE 1394

Bottom-mounted, detachable speakers

Titanium cabinet

LC-65D90U

1200:1 contrast ratio

170° viewing angles

4-wavelength backlight

6ms response time

TV Guide On Screen®

LC-57D90U

1500:1 contrast ratio

176° viewing angles

5-wavelength backlight

Multi-Pixel Technology

4ms response time



LC-65D90U

Designed to deliver an extraordinary view.

Next-generation thinking is what Sharp is all about. That's evident in the LC-37D90U and LC-32D50U members of the AQUOS® family of Liquid Crystal Televisions. These HDTV models exude sleek styling, revolutionary technology, refined quality and exquisite design. Sharp's flat panel LC-TVs offer exceptional viewing angles, and the new AQUOS models take image reproduction to another level with proprietary Multi-Pixel Technology—allowing picture-perfect viewing from just about anywhere in the room. The LC-37D90U features full HD 1080p resolution and offers three inputs compatible with 1080p sources: two HDMI™ and one DVI-I. Plus, an incredible response time of 6ms provides a seamless presentation. Whether it's extraordinarily high resolution, HDMI inputs, integrated tuners or bottom-mounted speakers, AQUOS models outstyle and outperform every time. When it comes to Liquid Crystal Televisions, there's status quo. Then there's AQUOS.



37" LC-37D90U



32" LC-32D50U

Key Features: D90U/D50U Series

ASV/Black TFT LCD panel

HDTV tuner

60,000-hour lamp life

1200:1 contrast ratio

176° viewing angles

6ms response time

Multi-Pixel Technology

DTVLink™ IEEE 1394

Bottom-mounted speakers

Titanium cabinet

LC-37D90U



1920 x 1080 pixels (1080p)

4-wavelength backlight

DVI-I (1080p) input for PC compatibility

Detachable speakers

Dual 1080p HDMI™ inputs

LC-32D50U

1366 x 768 pixels

3-wavelength backlight



LC-37D90U



LC-37D40U

AQUOS®, as spectacular as ever.

It's a good thing staring is polite when it comes to television. And with an AQUOS, staring is absolutely irresistible. With the D40U Series offering screen sizes from 26- to 37-inches, AQUOS styling defies convention once again. Its striking lines and classic black cabinet make it a standout in the sea of Liquid Crystal Televisions. These HDTV models use Quick Shoot video circuitry and the Advanced Super View/Black TFT panel, delivering fast response time and a spectacular picture. The LC-37D40U includes Multi-Pixel Technology.

Key Features: D40U Series

16:9 aspect ratio (1366 x 768 pixels)

ASV/Black TFT LCD panel

1200:1 contrast ratio

176° viewing angles

60,000-hour lamp life

6ms response time

Dual HDMI™ inputs

Bottom-mounted speakers

Black cabinet



37" LC-37D40U



32" LC-32D40U



26" LC-26D40U

Small space. Big vision.

A new member of the AQUOS® line, the LC-32D41U enhances any room and delivers the breathtaking picture for which Sharp is famous. The next generation of Advanced Super View/Black TFT Panel with Multi-Pixel Technology is packed into this powerful HDTV model, providing an awesome viewing experience.

Smaller spaces do not have to sacrifice style and technology. The 16:9 LC-20D30 really packs a punch, even in the coziest of places. Its 20-inch widescreen is perfectly suitable for television viewing, gaming or connecting to a PC.



LC-32D41U

Key Features: LC-32D41U

16:9 aspect ratio (1366 x 768 pixels)

ASV/Black TFT LCD panel

Multi-Pixel Technology

1200:1 contrast ratio

176° viewing angles

60,000-hour lamp life

6ms response time

DVI-I input for PC compatibility

Dual HDMI™ inputs

Bottom-mounted speakers

Black cabinet



32" LC-32D41U



20" LC-20D30U

Key Features: LC-20D30U

16:9 aspect ratio (1366 x 768 pixels)

ASV/Black TFT LCD panel

480 luminance

170° viewing angles

60,000-hour lamp life

PC input/HDMI/component inputs

Bottom-mounted speakers

Black cabinet



LC-37SH20U

Slim, trim and very versatile.

The SH20U Series is as versatile as it is distinctive—and it provides a wide array of placement options. The 26-, 32- and 37-inch models are slim and sleek HDTVs, each with an attractive silver finish—certainly designed to complement any space. Featuring a high-performance LCD panel for high brightness and low-reflection glare protection, these LC-TVs can go practically anywhere—even near windows or other areas with bright light. No matter where they are located, the picture is brilliant and breathtaking. Plus, the LC-20SH20U includes PC-monitor compatibility for even greater versatility.



37" LC-37SH20U



32" LC-32SH20U



26" LC-26SH20U

Key Features: SH20U Series

16:9 aspect ratio (1366 x 768 pixels) LCD panel
Built-in ATSC/QAM/NTSC tuners*
High brightness
170° viewing angles
60,000-hour lamp life
HDMI™ input
Bottom-mounted speakers
Silver cabinet

*LC-20SH20U does not include ATSC/QAM tuner.



20" LC-20SH20U

An all-in-one solution.

The DV20U Series is the latest in TV/DVD combination units. Available in 20- and 26-inch screen sizes, these models offer a space-saving home theater solution that is perfect for any room in the house. In addition to a built-in side-loading DVD player, the DV20U Series delivers rich, black tones and crisp images with its high contrast ratio and 170-degree viewing angles. The high brightness levels, a hallmark of Sharp's innovation, create clear vibrant pictures and true-to-life color clarity in most lighting conditions. This series, with Sharp's Emmy® Award-winning LCD technology, is the perfect home theater essential.



26" LC-26DV20U



20" LC-20DV20U

Key Features: DV20U Series

Built-in side-loading DVD player
16:9 aspect ratio (1366 x 768 pixels)
Active matrix (a-si TFT) LCD panel
170° viewing angles
60,000-hour lamp life
800:1 contrast ratio
8ms response time
HDMI input
PC input on LC-20DV20U
Bottom-mounted speakers
Silver cabinet

Built-in DVD Player



A perfect fit in any room.

Preparing dinner in the kitchen. Relaxing in the bath. Or working in the home office. Anywhere in the home, AQUOS® is the ideal entertainment choice—even in the smallest of spaces. In 15- and 20-inch screen sizes with a distinctively narrow footprint, bottom-mounted speakers and wall mounting capability, the S5U Series is perfect in any smaller space.

Key Features: S5U Series

ASV/Black TFT LCD panel

4:3 aspect ratio (640 x 480 pixels)

EDTV monitor

High brightness

170° viewing angles

60,000-hour lamp life

500:1 contrast ratio

HD component input

Bottom-mounted speakers

Silver cabinet

LC-20S5U



20" LC-20S5U



15" LC-15S5U

Defying convention once again.

There's no such thing as too many features. In 13-, 15- and 20-inch screen sizes, the SH6U Series uses Sharp's Proprietary Advanced Super View/Black TFT panel, providing high brightness, high contrast ratio, low-reflection glare protection and wide viewing angles. Featuring a distinctive side-speaker design, these models incorporate EDTV monitors for compatibility with progressive (480p) DVD players.

Key Features: SH6U Series

ASV/Black TFT LCD panel

4:3 aspect ratio (640 x 480 pixels)

500:1 contrast ratio

170° viewing angles

60,000-hour lamp life

Side-mounted speakers

Silver cabinet



LC-20SH6U



20" LC-20SH6U



15" LC-15SH6U



13" LC-13SH6U



Specifications

Model Number	LC-65D90U	LC-57D90U	LC-52D62U	LC-46D62U	LC-42D62U
Screen Size*1	65"	57"	52"	46"	42"
Aspect Ratio	16:9	16:9	16:9	16:9	16:9
DTV Capability	HDTV	HDTV	HDTV	HDTV	HDTV
LCD Panel	ASV/Black TFT	ASV/Black TFT	ASV/Black TFT	ASV/Black TFT	ASV/Black TFT
Number of Pixels (dots)	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Digital Cable Ready with CableCARD™ Slot	X	X	—	—	—
Luminance (cd/m ²)	450	450	450	450	450
Dynamic Contrast Ratio**	—	—	10,000:1	10,000:1	6000:1
Contrast Ratio	1200:1	1500:1	2000:1	2000:1	1200:1
Viewing Angles (H x V)	170° x 170°	176° x 176°	176° x 176°	176° x 176°	176° x 176°
Lamp Life** (Hours)	60,000	60,000	60,000	60,000	60,000
Backlight	4-Wavelength	5-Wavelength	4-Wavelength	4-Wavelength	3-Wavelength
Tuner Type	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC
Multi-Pixel Technology	—	—	X	X	—
Quick Shoot Response Time	6ms	4ms	4ms**	4ms**	6ms
Audio Output	10W + 10W	10W + 10W	15W + 15W	15W + 15W	10W + 10W
Speakers Location/Type	Bottom/Detachable	Bottom/Detachable	Bottom/Fixed	Bottom/Fixed	Bottom/Fixed
OPC (Optical Picture Control)	X	X	X	X	X
TV Guide On Screen*	X	—	—	—	—
Terminals					
HDMI™ In	1	1	2 (1080p compatible)	2 (1080p compatible)	2 (1080p compatible)
DVI-I with Audio In	1	1	—	—	—
RGB 15-Pin Input	—	—	—	—	—
HD Component In	2	2	2	2	2
S-Video In	1	1	1	1	1
Composite Video In	3	3	3	3	3
Audio L/R In	3	3	4	4	4
RF	3 (1 analog, 2 digital)	3 (1 analog, 2 digital)	1 (analog/digital)	1 (analog/digital)	1 (analog/digital)
RS-232C	1	1	—	—	—
IEEE 1394	2 (i.LINK™)	2 (i.LINK™)	—	—	—
Digital Audio Out	1 (optical)	1 (optical)	1	1	1
Composite Out	1	1	—	—	—
S-Video Out	1	1	—	—	—
Analog Audio Out	1	1	1	1	1
Power Source AC Input	110–240V	120V	110–240V	110–240V	120V
Power Consumption	610W	480W	302W	270W	247W
Cabinet Color	Titanium	Titanium	Black	Black	Black
Dimensions (W x H x D)	with stand/with speakers 61 7/8" x 45 21/32" x 17 1/8" with stand/without speakers 61 7/8" x 45 21/32" x 17 1/8" without stand/with speakers 61 7/8" x 41 9/64" x 5 29/32" without stand/without speakers 61 7/8" x 36 21/64" x 5 29/32"	55 7/16" x 42 3/32" x 17 1/8" 55 7/16" x 42 3/32" x 17 1/8" 55 7/16" x 37 9/16" x 6 1/16" 55 7/16" x 37 9/16" x 6 1/16"	49 49/64" x 36 7/64" x 13 27/64" — 49 49/64" x 33 5/16" x 4 61/64" —	44 13/32" x 33 5/16" x 13 27/64" — 44 13/32" x 30 13/64" x 4 59/64" —	40 19/32" x 30 5/16" x 12 1/64" — 40 19/32" x 27 63/64" x 5 5/16" —
Net Weight (lbs.)	with stand/with speakers 174.2 with stand/without speakers 159.9 without stand/with speakers 156.6 without stand/without speakers 142.2	160.9 146.6 144.4 129.0	90.4 — 82.7 —	78.3 — 70.6 —	75.0 — 66.2 —

*1 Actual screen sizes measured diagonally: 65" (64-17/32"), 57" (56.5"), 52" (52-1/32"), 46" (46"), 42" (42-1/64"), 37" (37-1/64"), 32" (31-1/2"), 26" (25-33/64"), 20" (19-11/16"), 20" 16:9 (20-3/64"), 20" 4:3 (19-35/64"), 15" (14-57/64"), 13" (12 59/64")

**Typical time for power output decrease of about one half, assuming continuous use with brightness or dimming in standard mode and with a room temperature of 77°F.

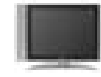
** With Fine Motion Mode on

**With Enhanced Picture Contrast Technology
Screen images in this brochure are simulated.
Design and specifications subject to change without notice.



Specifications

Model Number	LC-37D90U	LC-32D50U	LC-37D40U	LC-32D41U	LC-32D40U	LC-26D40U
Screen Size*1	37"	32"	37"	32"	32"	26"
Aspect Ratio	16:9	16:9	16:9	16:9	16:9	16:9
DTV Capability	HDTV	HDTV	HDTV	HDTV	HDTV	HDTV
LCD Panel	ASV/Black TFT	ASV/Black TFT	ASV/Black TFT	ASV/Black TFT	ASV/Black TFT	ASV/Black TFT
Number of Pixels (dots)	1920 x 1080	1366 x 768	1366 x 768	1366 x 768	1366 x 768	1366 x 768
Digital Cable Ready with CableCARD™ Slot	—	—	—	—	—	—
Luminance (cd/m²)	450	450	450	450	450	450
Dynamic Contrast Ratio**	—	—	—	—	—	—
Contrast Ratio	1200:1	1200:1	1200:1	1200:1	1200:1	1200:1
Viewing Angles (H x V)	176° x 176°	176° x 176°	176° x 176°	176° x 176°	176° x 176°	176° x 176°
Lamp Life** (Hours)	60,000	60,000	60,000	60,000	60,000	60,000
Backlight	4-Wavelength	3-Wavelength	3-Wavelength	3-Wavelength	3-Wavelength	3-Wavelength
Tuner Type	NTSC/ATSC/QAM	NTSC/ATSC/QAM	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC
Multi-Pixel Technology	X	X	X	X	—	—
Quick Shoot Response Time	6ms	6ms	6ms	6ms	6ms	6ms
Audio Output	10W + 10W	10W + 10W	10W + 10W	10W + 10W	10W + 10W	10W + 10W
Speakers Location/Type	Bottom/Detachable	Bottom/Fixed	Bottom/Fixed	Bottom/Fixed	Bottom/Fixed	Bottom/Fixed
OPC (Optical Picture Control)	X	X	X	X	X	X
TV Guide On Screen®	—	—	—	—	—	—
Terminals						
HDMI™ In	2 (1080p compatible)	2	2	2	2	2
DVI-I with Audio In	1 (1080p compatible)	1	—	1	—	—
RGB 15-Pin Input	—	—	—	—	—	—
HD Component In	1	1	2	1	2	2
S-Video In	1	1	1	1	1	1
Composite Video In	2	2	3	2	3	3
Audio L/R In	3	3	4	3	4	4
RF	2 (air/cable)	2 (air/cable)	1 (analog/digital)	1 (analog/digital)	1 (analog/digital)	1 (analog/digital)
RS-232C	1	1	—	—	—	—
IEEE 1394	2 (DTVLink™)	2 (DTVLink)	—	—	—	—
Digital Audio Out	1 (optical)	1 (optical)	1 (optical)	1 (optical)	1 (optical)	1 (optical)
Composite Out	—	—	—	—	—	—
S-Video Out	—	—	—	—	—	—
Analog Audio Out	1	1	1	1	1	1
Power Source AC Input	120V	120V	120V	120V	120V	120V
Power Consumption	230W	178W	186W	164W	170W	145W
Cabinet Color	Titanium	Titanium	Black	Black	Black	Black
Dimensions (W x H x D)	with stand/with speakers 36 39/64" x 28 45/64" x 12 1/16"	with stand/with speakers 32 3/64" x 25 41/64" x 12 1/64"	with stand/with speakers 37 1/4" x 28 35/64" x 12 1/64"	with stand/with speakers 32 1/16" x 25 41/64" x 12 1/64"	with stand/with speakers 32 5/16" x 25 9/16" x 10 13/16"	with stand/with speakers 26 7/8" x 21 3/4" x 10 13/16"
	with stand/without speakers 36 39/64" x 28 45/64" x 12 1/16"	with stand/without speakers —	with stand/without speakers —	with stand/without speakers —	with stand/without speakers —	
	without stand/with speakers 36 39/64" x 26 9/64" x 4 13/16"	without stand/with speakers 32 1/16" x 23 9/32" x 4 57/64"	without stand/with speakers 37 1/4" x 26 15/64" x 4 5/8"	without stand/with speakers 32 1/16" x 23 15/64" x 4 47/64"	without stand/with speakers 32 5/16" x 23 5/16" x 4 9/16"	
	without stand/without speakers 36 5/8" x 23 9/32" x 4 13/16"	without stand/without speakers —	without stand/without speakers —	without stand/without speakers —	without stand/without speakers —	
Net Weight (lbs.)	with stand/with speakers 62.9	with stand/with speakers 45.2	with stand/with speakers 53.8	with stand/with speakers 44.1	with stand/with speakers 43.0	
	with stand/without speakers 55.1	with stand/without speakers —	with stand/without speakers —	with stand/without speakers —	with stand/without speakers —	
	without stand/with speakers 50.7	without stand/with speakers 39.7	without stand/with speakers 48.5	without stand/with speakers 38.6	without stand/with speakers 37.5	
	without stand/without speakers 43.0	without stand/without speakers —	without stand/without speakers —	without stand/without speakers —	without stand/without speakers —	



Specifications

Model Number	LC-26DV20U	LC-20DV20U	LC-20S5U	LC-15S5U	LC-20SH6U	LC-15SH6U	LC-13SH6U
Screen Size**	26"	20"	20"	15"	20"	15"	13"
Aspect Ratio	16:9	16:9	4:3	4:3	4:3	4:3	4:3
DTV Capability	HDTV	HDTV Monitor	EDTV Monitor	EDTV Monitor	EDTV Monitor	EDTV Monitor	EDTV Monitor
LCD Panel	Active Matrix (a-si TFT)	Active Matrix (a-si TFT)	ASV/Black TFT	ASV/Black TFT	ASV/Black TFT	ASV/Black TFT	ASV/Black TFT
Number of Pixels (dots)	1366 x 768	1366 x 768	640 x 480	640 x 480	640 x 480	640 x 480	640 x 480
Built-in DVD Slot	X	X	—	—	—	—	—
Luminance (cd/m ²)	450	450	450	430	430	430	430
Dynamic Contrast Ratio**	—	—	—	—	—	—	—
Contrast Ratio	800:1	800:1	500:1	500:1	500:1	500:1	500:1
Viewing Angles (H x V)	170° x 170°	170° x 170°	170° x 170°	170° x 170°	170° x 170°	170° x 170°	170° x 170°
Lamp Life** (Hours)	60,000	60,000	60,000	60,000	60,000	60,000	60,000
Backlight	—	—	—	—	—	—	—
Tuner Type	ATSC/QAM/NTSC	NTSC	NTSC/PAL-M/PAL-N	NTSC/PAL-M/PAL-N	NTSC-M	NTSC-M	NTSC-M
Multi-Pixel Technology	—	—	—	—	—	—	—
Quick Shoot Response Time	8ms	8ms	—	—	—	—	—
Audio Output	10W + 10W	2.5W + 2.5W	2.1W + 2.1W	2.1W + 2.1W	1.0W + 1.0W	1.0W + 1.0W	1.0W + 1.0W
Speakers Location/Type	Bottom/Fixed	Bottom/Fixed	Bottom/Fixed	Bottom/Fixed	Side/Fixed	Side/Fixed	Side/Fixed
OPC (Optical Picture Control)	—	—	X	X	—	—	—
TV Guide On Screen®	—	—	—	—	—	—	—
Terminals							
HDMI™ In	1	1	—	—	—	—	—
DVI-I with Audio In	—	—	—	—	—	—	—
RGB 15-Pin Input	—	1	—	—	—	—	—
HD Component In	1	1	1	1	1	1	1
S-Video In	1	1	1	1	1	1	1
Composite Video In	2	2	2	2	2	2	2
Audio L/R In	4	4	3	3	3	3	3
RF	1 (analog/digital)	1 (analog)	1 (analog)	1 (analog)	1 (analog)	1 (analog)	1 (analog)
RS-232C	—	—	—	—	—	—	—
IEEE 1394	—	—	—	—	—	—	—
Digital Audio Out	1	1	—	—	—	—	—
Composite Out	—	—	1	1	1	1	1
S-Video Out	—	—	—	—	—	—	—
Analog Audio Out	1	1	1	1	1	1	1
Power Source AC Input	120V	120V	110–240V	110–240V	120V	120V	120V
Power Consumption	155W	100W	72W	50W	71W	50W	43W
Cabinet Color	Silver	Silver	Silver with Black Sides	Silver with Black Sides	Silver/Black	Silver/Black	Silver/Black
Dimensions (W x H x D)	with stand/with speakers 26 7/8" x 22 5/16" x 10 5/16"	with stand/with speakers 21 25/32" x 17 39/64" x 8 63/64"	with stand/with speakers 19 1/64" x 18 47/64" x 9 33/64"	with stand/with speakers 14 39/64" x 15" x 8 53/64"	with stand/with speakers 24 5/64" x 17 15/64" x 8 49/64"	with stand/with speakers 19 19/32" x 14 1/32" x 7 53/64"	with stand/with speakers 18 11/64" x 12 13/16" x 7 53/64"
	without stand/without speakers —	without stand/without speakers —	without stand/without speakers —	without stand/without speakers —	without stand/without speakers —	without stand/without speakers —	
	without stand/with speakers 26 7/8" x 19 5/16" x 4 9/16"	without stand/with speakers 21 25/32" x 15 27/32" x 4 11/32"	without stand/with speakers 19 1/64" x 17 1/32" x 3 63/64"	without stand/with speakers 14 39/64" x 13 1/2" x 3 29/32"	without stand/with speakers 24 5/64" x 15 15/64" x 3 57/64"	without stand/with speakers 19 19/32" x 12 5/16" x 3 27/32"	
	without stand/without speakers —	without stand/without speakers —	without stand/without speakers —	without stand/without speakers —	without stand/without speakers —	without stand/without speakers —	
Net Weight (lbs.)	with stand/with speakers 35.3	with stand/with speakers 19.8	with stand/with speakers 15.9	with stand/with speakers 9.3	with stand/with speakers 16.1	with stand/with speakers 10.2	with stand/with speakers 9.1
	without stand/without speakers —	without stand/without speakers —	without stand/without speakers —	without stand/without speakers —	without stand/without speakers —	without stand/without speakers —	
	without stand/with speakers 29.8	without stand/with speakers 16.5	without stand/with speakers 13.9	without stand/with speakers 4.9	without stand/with speakers 14.1	without stand/with speakers 9.1	without stand/with speakers 8.0
	without stand/without speakers —	without stand/without speakers —	without stand/without speakers —	without stand/without speakers —	without stand/without speakers —	without stand/without speakers —	

** Actual screen sizes measured diagonally: 65" (64-17/32"), 57" (56.5"), 52" (52-1/32"), 46" (46"), 42" (42-1/64"), 37" (37-1/64"), 32" (31-1/2"), 26" (25-33/64"), 20" (19-11/16"), 20" 16:9 (20-3/64"), 20" 4:3 (19-35/64"), 15" (14-57/64"), 13" (12 59/64")

** Typical time for power output decrease of about one half, assuming continuous use with brightness or dimming in standard mode and with a room temperature of 77°F.

** With Fine Motion Mode on

** With Enhanced Picture Contrast Technology

Screen images in this brochure are simulated.

Design and specifications subject to change without notice.

Specifications



Model Number	LC-20D30U	LC-37SH20U	LC-32SH20U	LC-26SH20U	LC-20SH20U
Screen Size*1	20"	37"	32"	26"	20"
Aspect Ratio	16:9	16:9	16:9	16:9	16:9
DTV Capability	HDTV Monitor	HDTV	HDTV	HDTV	HDTV Monitor
LCD Panel	ASV/Black TFT	Active Matrix (a-si TFT)	Active Matrix (a-si TFT)	Active Matrix (a-si TFT)	Active Matrix (a-si TFT)
Number of Pixels (dots)	1366 x 768	1366 x 768	1366 x 768	1366 x 768	1366 x 768
Digital Cable Ready with CableCARD™ Slot	—	—	—	—	—
Luminance (cd/m²)	480	450	450	480	450
Dynamic Contrast Ratio**	—	—	—	—	—
Contrast Ratio	800:1	800:1	800:1	800:1	800:1
Viewing Angles (H x V)	170° x 170°	170° x 170°	170° x 170°	170° x 170°	170° x 170°
Lamp Life** (Hours)	60,000	60,000	60,000	60,000	60,000
Backlight	—	3-Wavelength	3-Wavelength	3-Wavelength	3-Wavelength
Tuner Type	NTSC/PAL-M/PAL-N	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC	NTSC
Multi-Pixel Technology	—	—	—	—	—
Quick Shoot Response Time	X	8ms	8ms	8ms	—
Audio Output	2.1W + 2.1W	10W + 10W	10W + 10W	10W + 10W	2.5W + 2.5W
Speakers Location/Type	Bottom/Fixed	Bottom/Fixed	Bottom/Fixed	Bottom/Fixed	Bottom/Fixed
OPC (Optical Picture Control)	X	—	—	—	—
TV Guide On Screen®	—	—	—	—	—
Terminals					
HDMI™ In	1	1	1	1	1
DVI-I with Audio In	—	—	—	—	—
RGB 15-Pin Input	1	—	—	—	1
HD Component In	1	1	1	1	1
S-Video In	1	1	2	2	1
Composite Video In	2	2	2	2	2
Audio L/R In	3	4	4	4	4
RF	1 (analog)	1 (analog/digital)	1 (analog/digital)	1 (analog/digital)	1 (analog)
RS-232C	—	—	—	—	—
IEEE 1394	—	—	—	—	—
Digital Audio Out	—	1	1	1	1
Composite Out	1	—	—	—	—
S-Video Out	—	—	—	—	—
Analog Audio Out	1	1	1	1	—
Power Source AC Input	110-240V	120V	120V	120V	120V
Power Consumption	77W	186W	170W	145W	90W
Cabinet Color	Black	Silver	Silver	Silver	Silver
Dimensions (W x H x D)	with stand/with speakers 21 15/64" x 17 9/64" x 9 17/32"	with stand/with speakers 36 25/32" x 28 5/16" x 12 9/32"	with stand/with speakers 32 21/64" x 25 9/16" x 11 9/64"	with stand/with speakers 26 15/16" x 22 1/4" x 11 9/64"	with stand/with speakers 21 25/32" x 17 39/64" x 8 63/64"
	without stand/without speakers —	without stand/without speakers —	without stand/without speakers —	without stand/without speakers —	without stand/without speakers —
	without stand/with speakers 21 15/64" x 15 7/16" x 4 1/32"	without stand/with speakers 36 25/32" x 25 61/64" x 4 45/64"	without stand/with speakers 32 21/64" x 23 15/64" x 4 45/64"	without stand/with speakers 26 15/16" x 19 54/64" x 4 39/64"	without stand/with speakers 21 25/32" x 15 27/32" x 4 11/32"
	without stand/without speakers —	without stand/without speakers —	without stand/without speakers —	without stand/without speakers —	without stand/without speakers —
Net Weight (lbs.)	with stand/with speakers 17.5	with stand/with speakers 53.0	with stand/with speakers 37.8	with stand/with speakers 28.5	with stand/with speakers 19.8
	without stand/without speakers —	without stand/without speakers —	without stand/without speakers —	without stand/without speakers —	without stand/without speakers —
	without stand/with speakers 15.5	without stand/with speakers 46.3	without stand/with speakers 33.1	without stand/with speakers 24.7	without stand/with speakers 16.5
	without stand/without speakers —	without stand/without speakers —	without stand/without speakers —	without stand/without speakers —	without stand/without speakers —

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