SHARP®

Be Original.

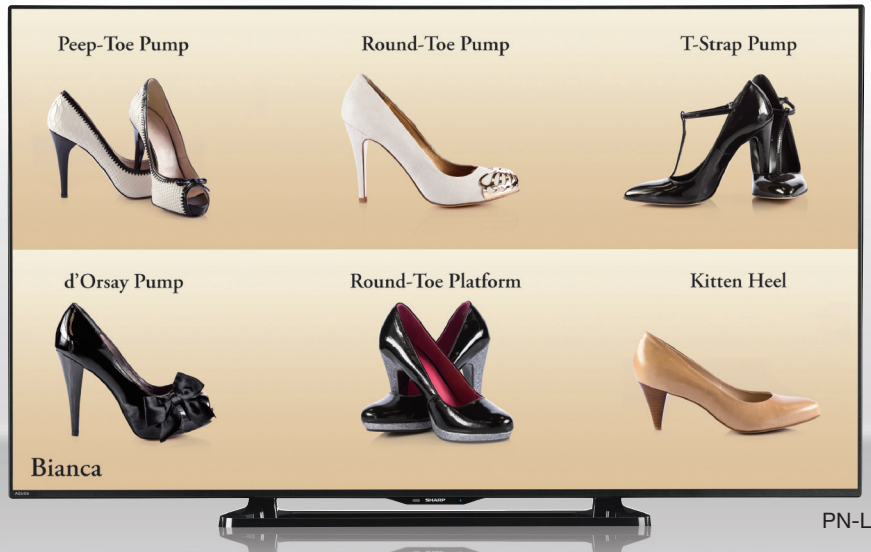
PN-LE901
PN-LE801
PN-LE701
PN-LE601

Commercial LCD Displays

Grab the Attention of Viewers for a New Level of Engagement

Affordable, Commercial LCD Displays to Engage Audiences in a Variety of Environments

The 90" class (90 1/64" diagonal), 80" class (80" diagonal), 70" class (69 1/2" diagonal) and 60" class (60 3/32" diagonal) Sharp commercial LCD Displays combine full-HD image quality and a stylish, thin profile with a built-in tuner for the ultimate viewing experience. PN-LE901, PN-LE801, PN-LE701 and PN-LE601 commercial LCD Displays are perfect for sports bars, waiting rooms and other business locations that need to grab the attention of viewers for a new level of engagement.



PN-LE601

B2B Features for Ultimate Control

Business owners can easily manage the functionality of the PN-LE901/LE801/LE701/LE601 commercial LCD Displays due to their many user friendly features. They include a powerful RS-232C command set, which permits flexible remote control capabilities from connected devices. In addition, displaying still images or videos couldn't be easier with the USB port. Business owners will also appreciate optimal content control with added lockout features including: IR Remote, Power, Channel, Volume, Input, OSD disable and LCD disable. All this with 16/7 reliability and a three-year limited commercial warranty.

Superb Image Quality

The PN-LE901/LE801/LE701/LE601 commercial LCD Displays have cutting-edge picture technology that delivers amazing detail, gorgeous colour depth and consistent image quality. The advanced pixel structure of the panel enables stunning 4 million : 1 dynamic contrast for deeper blacks and whiter whites.

PN-LE801

Bigger Screen, Slimmer Bezel

Fit more screen in less space with the PN-LE901/LE801/LE701/LE601 commercial LCD Displays. Streamlined for a pleasing appearance and minimal protruding parts, the PN-LE901/LE801/LE701/LE601 weighs only 141.1/110.2/75/52.9 lbs. A bezel thickness* of only 1 3/64", 5/8", 29/64", 7/16" makes for easy placement in offices, public places, stores and other commercial establishments. Compared to a 75" Class (diagonal) screen, the PN-LE901 commercial LCD Display also has a 44 percent greater viewing area and the PN-LE801 has a 14 percent greater viewing area. The PN-LE701 has a 14 percent greater viewing area than a 65" Class (diagonal) screen and the PN-LE601 has a 20 percent more viewing area than a 55" Class (diagonal) screen.

* PN-LE901: 1 3/64" (right/left), 1 11/64" (top), 1 25/64" (bottom**)
PN-LE801: 5/8" (right/left/top), 51/64" (bottom**)
PN-LE701: 29/64" (right/left), 7/16" (top), 5/8" (bottom**)
PN-LE601: 7/16" (right/left/top), 5/8" (bottom**)
** Excluding protruding indicator panel

Enhanced Connectivity

Three (3) HDMI™ inputs let you connect multiple HD sources including digital signage and cable boxes. A powerful RS-232C command set permits flexible remote control capabilities from connected devices. A built-in USB port lets you present a variety of digital content. Simply insert a USB memory device into the monitor and the built-in media player starts playing your photos, music and videos, right away.

Superb Support

A limited commercial three-year warranty, plus Sharp's best-in-class customer support service is included.

Built-in Speakers for Powerful Audio

Powerful 20W audio features high fidelity so all of your scenes sound as breathtaking as they look.

Unique Wallpaper Mode

When the unit is turned off, Wallpaper Mode lets you display virtually any image you choose on the screen at a reduced light level that mirrors museum conditions, so your screen blends beautifully into your installed environment—all at extremely low power.

PN-LE901

Specifications

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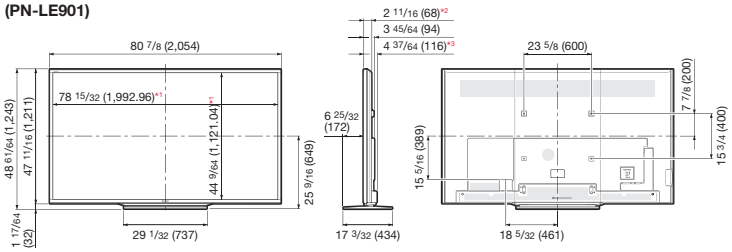
Model Name		PN-LE901	PN-LE801	PN-LE701	PN-LE601
Installation		Landscape			
LCD Panel		90" class (90 1/64" diagonal) UV²A*1 LCD	80" class (80" diagonal) UV²A*1 LCD	70" class (69 1/2" diagonal) UV²A*1 LCD	60" class (60 3/32" diagonal) UV²A*1 LCD
	Max. Resolution	1,920 x 1,080 pixels			
	Max. Display Colours (approx.)	1.07 billion colours			
	Pixel Pitch (H x V)	1.038 x 1.038 mm	0.9225 x 0.9225 mm	0.8015 x 0.8015 mm	0.693 x 0.693 mm
	Max. Brightness*2	350 cd/m²			
	Contrast Ratio	5,000 : 1			
	Dynamic Contrast Ratio	4,000,000 : 1			
	Viewing Angle (H/V)	176°/176° (CR ≧ 10)			
	Active Screen Area (W x H)	78 15/32" x 44 9/64"	69 47/64" x 39 15/64"	60 19/32" x 34 3/32"	52 25/64" x 29 15/32"
	Response Time	4 ms (grey to grey, avg.)			
	Backlight	LCD, full array		LCD, edge lit	
Computer Input	Video	HDMI, Analog RGB			
	Synchronization	Horizontal/vertical separation (TTL: positive/negative)			
	Plug & Play	VESA DDC2B			
Video Colour System		NTSC-M/PAL-N/PAL-M			
Analog/Digital Tuner		NTSC/ATSC			
Input Terminals*3		HDMI x 3, Mini D-sub 15-pin x 1, Component Video RCA (Y, Cb/Pb, Cr/Pr) x 1, Composite Video RCA pin x 2, RCA pin (L/R) x 2, 3.5 mm-diameter mini stereo jack x 1, RS-232C x 1, ANT/Cable x 1, USB x 1			
Output Terminals*3		Audio: RCA pin (L/R) x 1, Digital audio output (optical) x 1			
Input/Output Terminals*3		Ethernet RJ-45 x 1			
Speaker Output		10 W + 10 W			
Power Supply		110 – 240 V AC 50/60Hz			
Power Consumption		290 W	300 W	180 W	150 W
Operating Temperature		0°C to 40°C			
Dimensions (W x D x H) (approx.) (display only)		80 7/8" x 4 37/64" x 47 11/16"	71 1/2" x 4 1/2" x 41 35/64"	61 35/64" x 3 7/16" x 35 53/64"	53 23/64" x 3 25/64" x 31 3/16"
Weight (approx.) (display only)		141.1 lbs	110.2 lbs	75 lbs	52.9 lbs

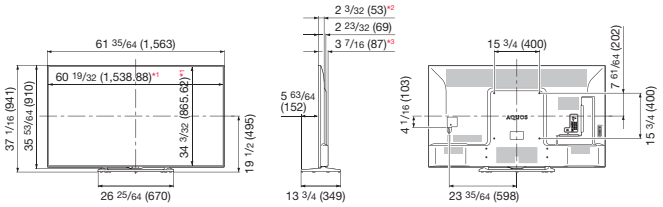
*1 UV²A stands for Ultraviolet-induced Multi-domain Vertical Alignment, a photo-alignment technology that ensures uniform alignment of liquid crystal molecules. *2 Brightness depends on input mode and other picture settings. Brightness level will decrease slightly over the lifetime of the product. Due to the physical limitations of the equipment, it is not possible to maintain a precisely constant level of brightness. *3 Use a commercially available connection cable for PC and other video connections.

Dimensions

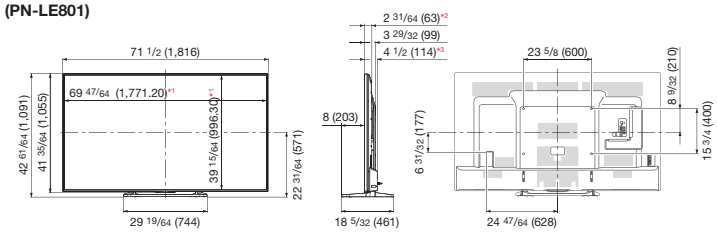
(PN-LE901)



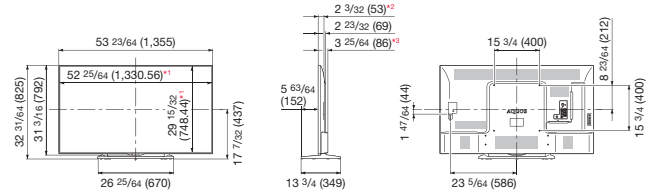
(PN-LE701)



(PN-LE801)



(PN-LE601)



Units: inch (mm)
*1 Active area, *2 Thinnest part, *3 Including projecting parts

HDMI™ HIGH-DEFINITION MULTIMEDIA INTERFACE

SHARP ELECTRONICS OF CANADA LTD.
335 Britannia Road East, Mississauga, Ontario L4Z 1W9
(905) 890-2100 • **www.sharp.ca**
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