Professional, Around-the-Clock Durability
That's Also Energy Efficient

Display Your Message – Where You Want, When You Want

With impressive **70" class (69 ½" diagonal)** and **60" class (60" diagonal)** screens, the PN-E702/E602 let you get your message across with brilliant clarity in nearly any indoor venue. Their sleek and lightweight design – **less than 4" at their thickest points** – allows for nearly limitless installation possibilities, so your message is displayed exactly where it should be.

THICKEST PART

3^{15}/$_{16}$" (100 mm)
(PN-E702)

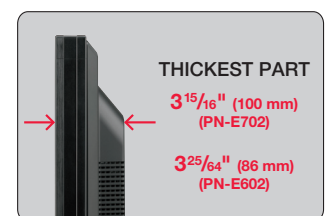**3^{25}/$_{64}$"** (86 mm)
(PN-E602)

Image Quality That Gets Noticed

We started with **full-array LED backlighting** (PN-E702) and **edge-lit LED backlighting** (PN-E602). Then we incorporated **Sharp's UV^{2}A* technology**, which prevents light leakage and helps ensure the display of truly bright whites, amazingly vivid colors, and extraordinarily deep blacks. Finally, 1920 (h) x1080 (v)-pixel **full HD resolution** helps ensure fine text and intricate graphics are stunningly crisp and clear.

*UV^{2}A technology stands for "Ultraviolet-induced Multi-domain Vertical Alignment," a photo-alignment technology that ensures uniform alignment of liquid crystal molecules in a certain direction.
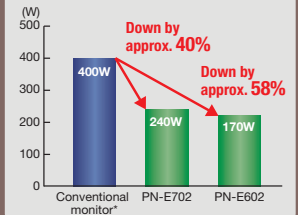
Durability You Can Put to Work

The PN-E702/E602 are **professional-grade** LED digital signage displays built to withstand the rigors of professional use. Operate these workhorses **around-the-clock** and still enjoy stunning image quality and uniform brightness.

Display More, Consume Less

Why use more energy than you have to? The PN-E702/E602 consume **less energy** than traditional CCFL-backlit displays*.

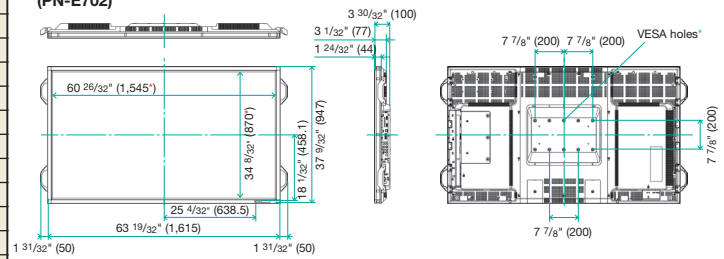*Compared to Sharp PN-E601

Power Consumption Comparison

(W)
500 · 400 · 300 · 200 · 100 · 0

400W — Conventional monitor*
Down by approx. **40%**
240W — PN-E702
Down by approx. **58%**
170W — PN-E602

Ideal for:

- **Conference rooms**
- **Hotel or office lobbies**
- **Trade show exhibit halls**
- **Classrooms and lecture halls**
- **Indoor shopping plazas and retail spaces**

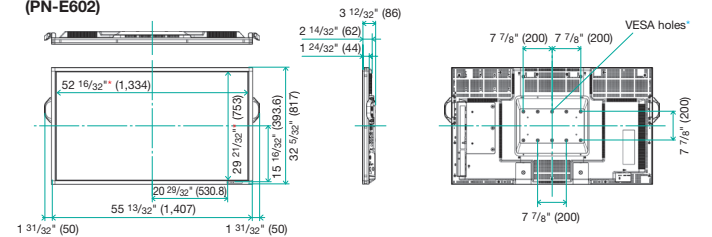| Model Name		PN-E702	PN-E602
Installation		Landscape and Portrait Mode	
LCD Panel		70" class (69-1/2" diagonal) widescreen, UV^{2}A LCD	60" class (60" diagonal) widescreen, UV^{2}A LCD
	Max. Resolution	1920 x 1080 pixels	
	Max. Display Colors (approx.)	1,064 million	
	Pixel Pitch (H x V)	0.802 mm x 0.802 mm	0.692 mm x 0.692 mm
	Max. Brightness*1	450 cd/m^2	
	Contrast ratio	4,000:1	
	Viewing Angle (H/V)	176° / 176° (CR>/=10)	
	Active Screen Area (WxH)	60-9/16" x 34-1/16"	52-5/16" x 29-7/16"
	Response Time	6 ms (gray to gray, avg)	
	Backlight	White LED, full array	White LED, edge lit
Computer Input	Video	Analog RGB (0.7V p-p) (75-ohms), Digital (conforms to DVI 1.0 standards)	
	Synchronization	Horizontal/vertical separation (TTL: positive/negative), sync on green, composite sync (TTL: positive/negative)	
	Plug & Play	VESA DDC2B	
	Power Management	VESA DPMS, DVI DMPM	
Video Color System	With Optional PN-ZB01	NTSC (3.58 MHz; 4.43 MHz), PAL, PAL60, SECAM	
Input Terminals*2	Standard	PC analog: Mini D-sub 15-pin x 1, HDMI x 1*3, 3.5 mm diameter-mini stereo jack x 1, RS-232C D-sub 9-pin x 1	
	With Optional PN-ZB01	PC digital: DVI-D 24-pin x 1, PC analog: BNCx1, Video: BNC x 1, S-Video x 1, Component video: BNC (Y, Cb/Pb, Cr/Pr) x 1*4*5, Audio RCA pin (L/R) x 2	
Output Terminals	Standard	Audio: RCA pin (L/R) x 1, RS-232C D-sub 9-pin x 1	
	With Optional PN-ZB01	PC digital: DVI- 24-pin x 1, External speakers: 7W + 7W (6-ohms)	
Input/Output Terminals	With Optional PN-ZB01	LAN port	
Speaker Output		7W + 7W	
Power Supply		100V – 240V AC, 50/60 Hz	
Power Consumption		240 W	170 W
Environmental Conditions	Operating Temperature	0°C to 40°C	
	Operating Humidity	20% to 80% RH	
Dimensions (W x D x H) (approx.) (display only)		63-19/32" x 3-15/16" x 37-9/32"	55-13/32" x 3-3/8" x 32-5/32"
Weight (not including PN-ZB01) (approx.)		110 lbs.	83.8 lbs.
Packing Dimensions (W x H x H) (approx.)		72-1/4" x 11-1/4" x 42-5/8"	64-3/16" x 11-1/4" x 37-13/16"
Carton Weight (approx.)		132 lbs.	105.8 lbs.
Limited Warranty		3 years on-site, parts and labor	
UPC		074000069244	074000069251

*1 Brightness will depend on input mode and other picture settings. Brightness level will decrease over time. Due to the nature of the equipment, it is not possible to precisely maintain a constant level of brightness. *2 Use a commercially available cable for PC and other video connections. *3 For both PC and AV components. *4 The analog and component BNC terminals are switchable. Use the menu to select. *5 Does not support plug & play.

Dimensions

(PN-E702)

3 30/32" (100)
3 1/32" (77)
1 24/32" (44)
7 7/8" (200) 7 7/8" (200) VESA holes*
60 26/32" (1,545*)
34 8/32" (870")
37 9/32" (947)
18 1/32" (458.1)
7 7/8" (200)
25 4/32" (638.5)
63 19/32" (1,615)
1 31/32" (50)   1 31/32" (50)
7 7/8" (200)

(PN-E602)

3 12/32" (86)
2 14/32" (62)
1 24/32" (44)
7 7/8" (200) 7 7/8" (200) VESA holes*
52 16/32"** (1,334)
29 21/32"** (753)
32 5/32" (817)
15 16/32" (393.6)
7 7/8" (200)
20 29/32" (530.8)
55 13/32" (1,407)
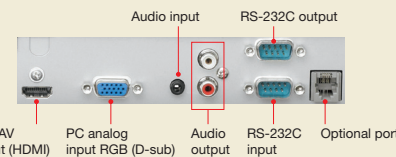1 31/32" (50)   1 31/32" (50)
7 7/8" (200)

Units: inch (mm)
* Screen dimensions * To use the VESA-standard mounting bracket, use M6 screws that are 8 to 10 mm plus the thickness of the bracket.

Input/Output Terminals

(standard)

Audio input
RS-232C output
PC/AV input (HDMI)
PC analog input RGB (D-sub)
Audio output
RS-232C input
Optional port

(option) PN-ZB01 Interface Expansion Board

PC/AV input digital RGB (DVI-D)
PC/AV output digital RGB (DVI-D)
External speakers
Audio input
PC analog input RGB (BNC)
Video input (BNC)
LAN port
Component video input (BNC)
S-Video input

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