

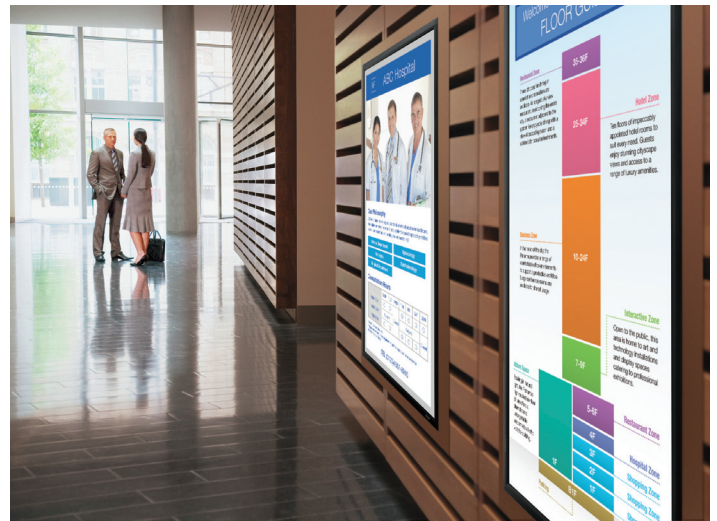
**PN-E802** 80" Class (80" Diagonal)

**PN-E702** 70" Class (69 1/2" Diagonal)

**PN-E602** 60" Class (60 1/16" Diagonal)

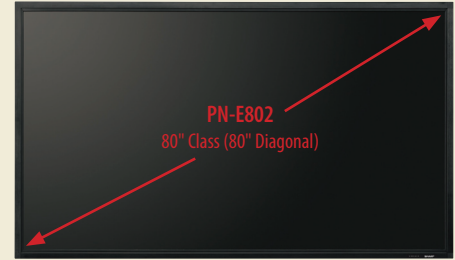
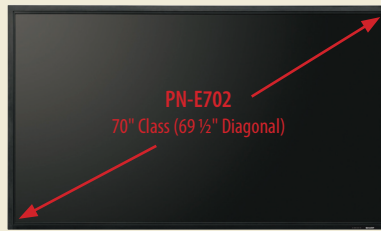
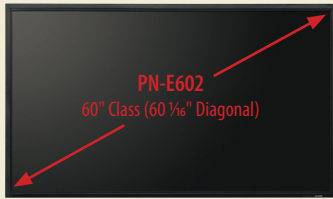
## Professional Large Format LED Displays

# Professional Large Format LED Displays in Screen Sizes Up to 80" Class





**With three spectacularly large screen sizes, all you have to do is choose: big, bigger, or biggest.**



The PN-E802/E702/E602 are the big, bright, displays your business needs to cut through the clutter and get your message right to your customers. These models represent the best of large-format digital signage, combining impressive screen size with sleek design and some of the most advanced display image technology in the industry.

### **Image Quality That Can't Be Beat**

We started with **full-array LED backlighting** (PN-E802/E702) and **edge-lit LED backlighting** (PN-E602). Then we incorporated **Sharp's UV<sup>2</sup>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) x 1080 (v)-pixel **full HD resolution** helps ensure fine text and intricate graphics are stunningly crisp and clear.

\*UV<sup>2</sup>A technology stands for Ultraviolet-induced Multi-domain Vertical Alignment, a photo-alignment technology that helps ensure uniform alignment of liquid crystal molecules in a certain direction.

### **Durability You Can Put to Work**

The PN-E802/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. Plus, our outstanding **3-Year On-Site Limited Warranty** covers parts, labor and backlight, in both landscape and portrait modes. With this much reassurance, you can focus on running your business, not worrying about your digital signage display.

#### **Ideal for:**

- Corporate lobbies/Boardrooms
- Hotel lobbies/Conference rooms
- Airport corridors
- Museums
- Stadiums
- Trade shows
- Exhibit halls
- Classrooms
- Lecture halls
- Indoor shopping plazas
- Retail spaces

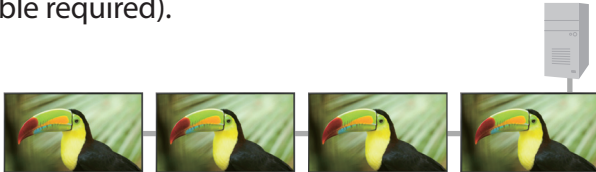


## Flexible Installation Options

Choose the mode that best suits your content and application.

### Mirror Display Mode (Daisy Chain)

The same image displays on a daisy chain of monitors to achieve the powerful impact of image repetition (PN-ZB01 Expansion Board and DVI-D cable required).



### Dual Screen Display

Picture-in-Picture (PIP) mode allows an AV-sourced image to be displayed within a PC-sourced one (or vice-versa), while Picture-by-Picture (PbyP) mode puts images from AV and PC sources side by side for split-screen viewing.

#### • Picture-in-Picture mode



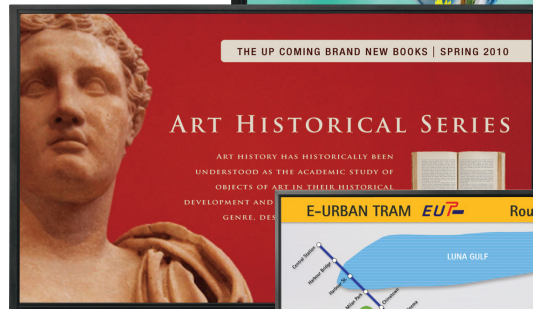
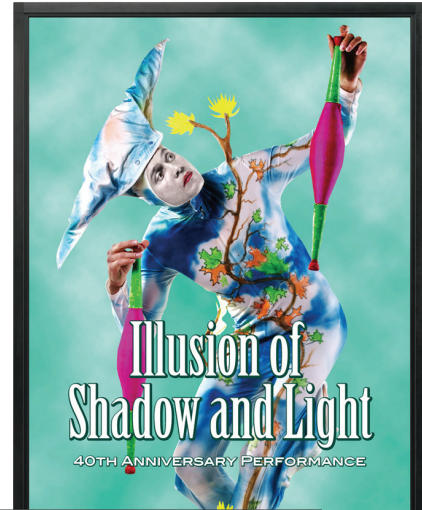
PC display AV display

#### • Picture-by-Picture mode

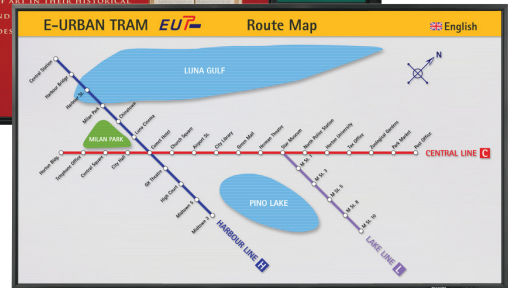


AV display PC display

Portrait Mode



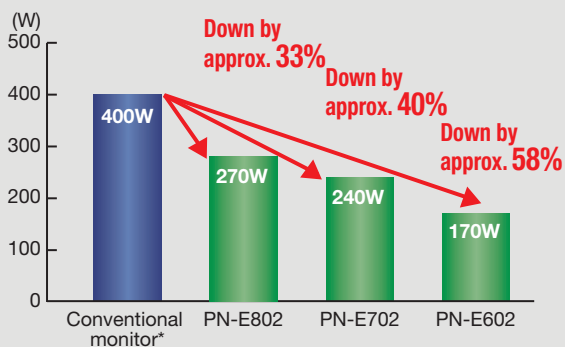
Landscape Mode



Landscape Mode

## Energy-Efficient Design Helps You Display More, Consume Less

### Power Consumption Comparison



Why use more energy than you have to? The PN-E802/E702/E602 consume less energy than traditional CCFL-backlit displays\*.

\*Compared to Sharp PN-E601

## Sustainable Sharp

Sharp has a program of award-winning initiatives for social and environmental responsibility, including planning, design, supply chain management, manufacturing distribution, product-end-of-life, corporate citizenship and employee volunteers. Sharp Professional Display products are an integral part of this program. From Energy Star certifications (where applicable) to advanced energy-saving features, Sharp professional LED and LCD Display product are designed to comply with our environmental strategy. For more information on Sharp's energy-efficient products and cartridge or electronics recycling programs, please visit [www.SharpUSA.com/environment](http://www.SharpUSA.com/environment)

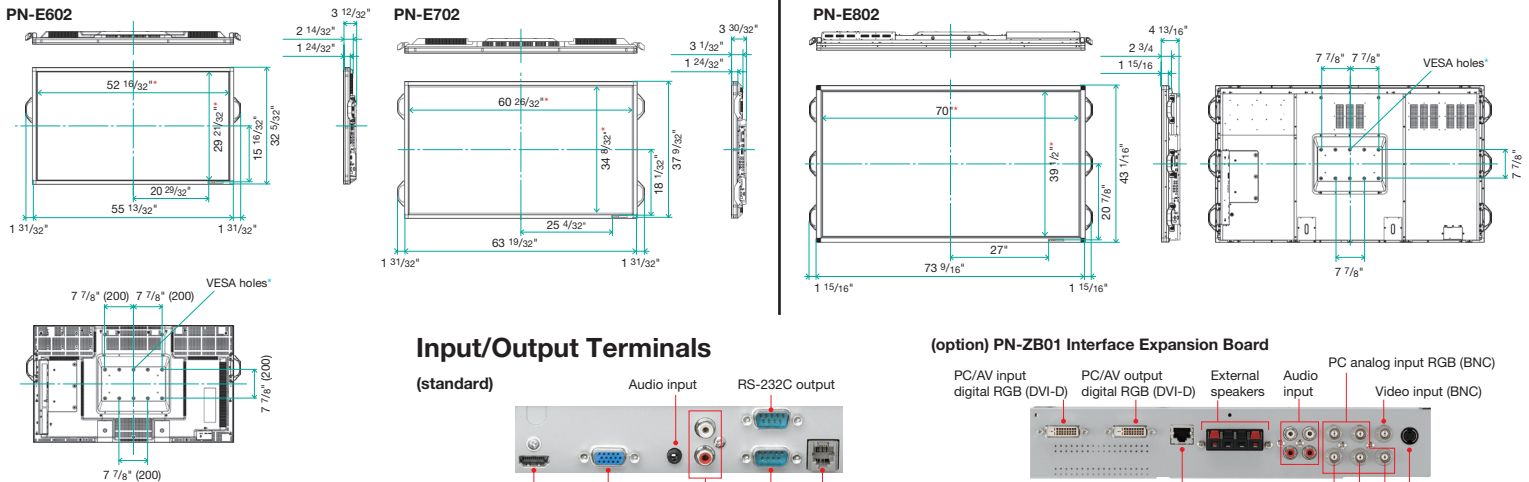


## Professional Large Format LED Displays

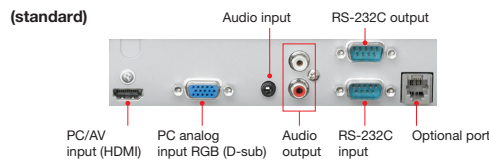
Model Name	PN-E802	PN-E702	PN-E602	
Installation	Landscape and Portrait Mode			
LCD Panel	80" class (80" diagonal) widescreen UV <sup>2</sup> A LCD with full array LED backlight	70" class (69-1/2" diagonal) widescreen, UV <sup>2</sup> A LCD	60" class (60 1/16" diagonal) widescreen, UV <sup>2</sup> A LCD	
Max. Resolution	1920 x 1080 pixels			
	1,064 million			
	Max. Display Colors (approx.)	1,064 million		
	Pixel Pitch (H x V)	0.923 x 0.923 mm	0.802 mm x 0.802 mm	0.692 mm x 0.692 mm
	Max. Brightness <sup>1</sup>	450 cd/m <sup>2</sup>		
	Contrast ratio	4,000:1		
	Viewing Angle (H/V)	176° / 176° (CR>/=10)		
	Active Screen Area (WxH)	69-3/4" x 39-1/4"	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			
	Standard PC analog: Mini D-sub 15-pin x 1, HDMI x 1 <sup>3</sup> , 3.5 mm diameter-mini stereo jack x 1, RS-232C D-sub 9-pin x 1			
Input Terminals <sup>2</sup>	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 <sup>4,5</sup> , Audio RCA pin (L/R) x 2			
	Standard	Audio: RCA pin (L/R)	Audio: RCA pin (L/R) x 1, RS-232C D-sub 9-pin x 1	
Output Terminals	With Optional PN-ZB01 PC digital: DVI-D 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	270 W	240 W	170 W	
Environmental Conditions	Operating Temperature 0°C to 40°C			
	Operating Humidity 20% to 80% RH (no condensation)			
Dimensions (W x D x H) (approx.) (display only)	73-9/16" x 4-13/16" x 43-1/16"	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.)	174.2 lbs.	110 lbs.	83.8 lbs.	
Packing Dimensions (W x H x D) (approx.)	82-11/16" x 18-7/16" x 55-1/8"	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.)	258 lbs.	132 lbs.	105.8 lbs.	
Limited Warranty	3 years on-site, parts and labor			
UPC	074000069329	074000069244	074000069251	

<sup>1</sup> 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. <sup>2</sup> Use a commercially available cable for PC and other video connections. <sup>3</sup> For both PC and AV components. <sup>4</sup> The analog and component BNC terminals are switchable. Use the menu to select. <sup>5</sup> Does not support plug & play.

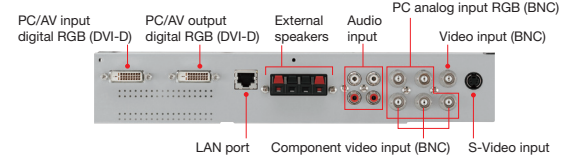
### Dimensions



### Input/Output Terminals



### (option) PN-ZB01 Interface Expansion Board



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