SHARP®

PN-E802 80" Class (80" Diagonal)

PN-E702 70" Class (69 ½" Diagonal)

PN-E602 60"Class (60 ¹⁄₁₆" Diagonal)

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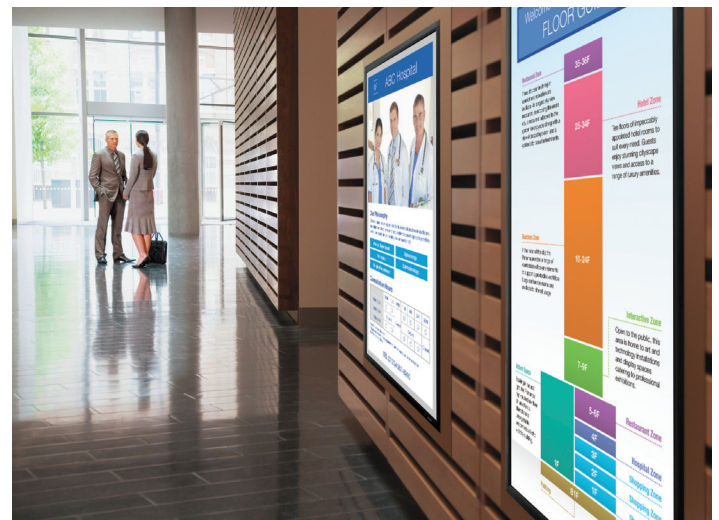
Professional Large Format LED Displays in Screen Sizes Up to 80" Class

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

PN-E602
60" Class (60 ⅟₁₆" Diagonal)

PN-E702
70" Class (69 ½" Diagonal)

PN-E802
80" Class (80" Diagonal)

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 UV²A* 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.

*UV²A 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
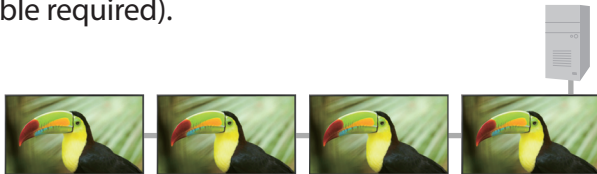- Indoor shopping plazas
- Retail spaces

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.
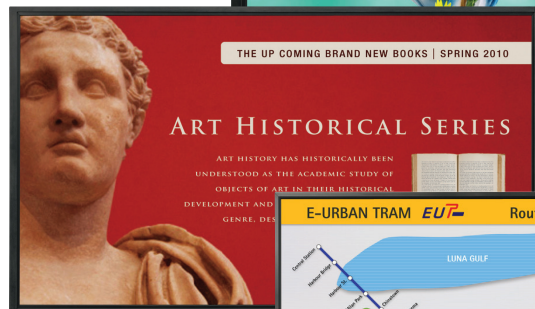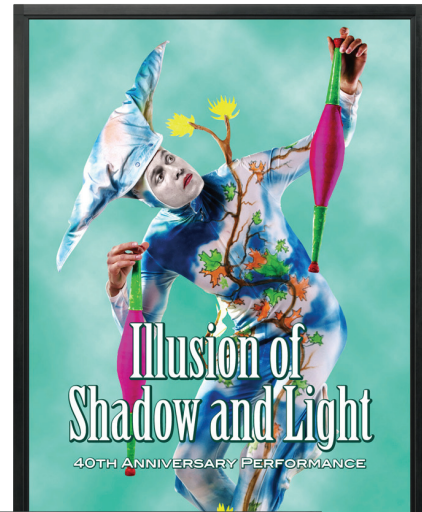
• **Picture-in-Picture mode**

PC display   AV display
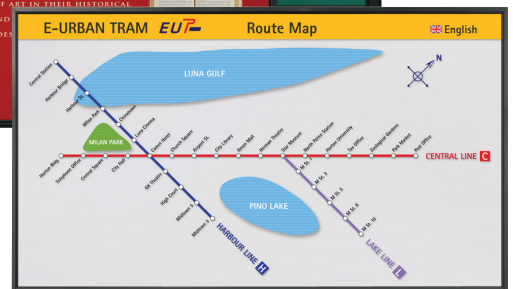
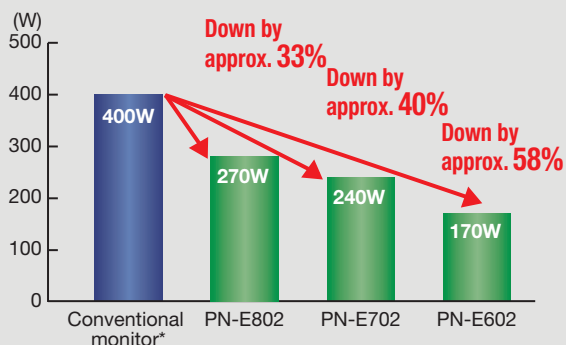• **Picture-by-Picture mode**

AV display   PC display

Portrait Mode

Landscape Mode

Landscape Mode

Energy-Efficient Design Helps You Display More, Consume Less

Power Consumption Comparison

(W)

Down by approx. **33%**
Down by approx. **40%**
Down by approx. **58%**

400W	Conventional monitor*
270W	PN-E802
240W	PN-E702
170W	PN-E602

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

ENERGY STAR PARTNER

Model Name		PN-E802	PN-E702	PN-E602
Installation		Landscape and Portrait Mode		
LCD Panel		80" class (80" diagonal) widescreen UV²A LCD with full array LED backlight	70" class (69-1/2" diagonal) widescreen, UV²A LCD	60" class (60 1/16" diagonal) widescreen, UV²A LCD
	Max. Resolution	1920 x 1080 pixels		
	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*1	450 cd/m²		
	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		
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)	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		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 H) (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

*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-E602

PN-E702

PN-E802

VESA holes*

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.

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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