

Professional LED Displays by Sharp: High in Performance, Quality and Affordability



Whether it's a public space or a commercial location, Sharp has a versatile LED display to convey your message with visual panache. Available in 55 (54 5/8" diagonal), 47 (46 15/16" diagonal), 42 (42" diagonal), or 32 (31 1/16" diagonal) class sizes, the PN-Y555/Y475/Y425/Y325 monitors display content beautifully in both landscape and portrait installations. A built-in USB media player supports PC-free playback of your display content. With these professional LED Displays, Sharp expands the scope of full-HD digital signage.

Versatile, High-Performance Digital Signage Designed to Suit a Huge Range of Applications

Excellent Image Quality

Full HD (1,920 H × 1,080 W) resolution brings images to life with vivid, true-to-life details. Everything from thin lines to fine text to photographic images can be displayed in stunning clarity. The effect is enhanced by a narrow and unobtrusive bezel of 16 mm* which gives these monitors a modern look that emphasizes the onscreen content.

* 24 mm for PN-Y325.

Fanless Architecture

The PN-Y555/Y475/Y425/Y325 monitors incorporate a fanless architecture to facilitate monitor maintenance. The fanless design maintains airflow and dissipates heat without the use of mechanical air-ventilation fans, which can attract dust and create noise.

USB Media Player

A built-in USB media player allows playback of still images and videos stored on a connected USB memory device. Users can set up the system to play slideshows of promotional or informational content without using a PC. For added security, each model comes with a USB flash drive cover to prevent theft of the data storage device.



USB flash drive cover

Choice of Screen Size and Installation Mode

The PN-Y555/Y475/Y425/Y325 monitors come in four sizes—55 (54 5/8" diagonal), 47 (46 15/16" diagonal), 42 (42" diagonal), and 32 (31 3/16" diagonal) class sizes—to suit a huge range of diverse display scenarios. And to match the application and content on display, the monitors can be set up in either a landscape or a portrait orientation. A portrait installation offers the look and impact of a poster, whereas a landscape installation provides a vivid canvas for wider scenes.

Supported media formats: JPEG (.jpg) and PNG (.png) for still images; MP4 (.mp4), WMV (.wmv), and TS (.ts) for videos; and MP3 (.mp3) and WMA (.wma) for audio. JPEG and WMV files can be played automatically. USB storage device sold separately.





Built-in Temperature Sensor

A built-in sensor detects rising temperatures inside the monitor and prompts automatic adjustment of the backlight system so that temperatures remain within operational limits.*

* The monitor automatically goes into standby mode if the internal temperature remains consistently above operational levels.

Mirror Display Mode (Daisy Chain)

Mirror Display mode enables the same onscreen content to be displayed on a series of daisy-chained PN-Y555/Y475/Y425/Y325 monitors. This function can be used to reinforce advertising messages in public spaces or to facilitate communications in large office or conference settings.



ID Setting

Thanks to an RS-232C interface, PN-Y555/Y475/Y425/Y325 monitors* can be easily controlled and monitored from a central location via a PC. Each monitor can be assigned an individual ID code to specify when remotely turning that monitor on or off, switching its input, or making various screen adjustments and settings.

* PN-Y555/Y475/Y425/Y325 monitors can be connected together in a daisy chain configuration.



Built-in Speakers

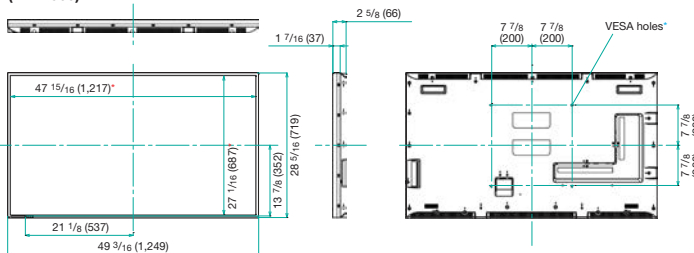
Built-in speakers eliminate the need for external speakers, keeping the PN-Y555/Y475/Y425/Y325 monitors stylishly streamlined. The speakers emit sound from both sides of the monitor, making them ideal for conveying audio information and playing location-appropriate background music.

Model Name	PN-Y555	PN-Y475	PN-Y425	PN-Y325
Installation	Landscape / Portrait			
LCD Panel	55-inch class widescreen (54 5/8" diagonal) TFT LCD	47-inch class widescreen (46 15/16" diagonal) TFT LCD	42-inch class widescreen (42" diagonal) TFT LCD	32-inch class widescreen (31 5/8" diagonal) TFT LCD
Max. Resolution	1,920 x 1,080 pixels			16.77 million colors
Max. Display Colors (approx.)	1.06 billion colors			16.77 million colors
Pixel Pitch (H x V)	0.630 x 0.630 mm	0.542 x 0.542 mm	0.485 x 0.485 mm	0.364 x 0.364 mm
Max. Brightness*1	450 cd/m ²			350 cd/m ²
Contrast Ratio	1,300 : 1			3,000 : 1
Viewing Angle (H/V)	178°/178° (CR ≥ 10)			
Active Screen Area (W x H)	47 3/8" x 26 13/16"	40 15/16" x 23"	36 5/8" x 20 5/16"	27 1/2" x 15 15/32"
Response Time	12 ms (grey to grey, avg.)			8 ms (grey to grey, avg.)
Backlight	LED, edge lit			
Computer Input	Video: Analogue RGB (0.7 Vp-p) [75Ω], Digital (conforms to DVI 1.0 standards)			
Synchronisation**	Horizontal/vertical separation (TTL: positive/negative)			
Plug & Play	VESA DDC2B			
Power Management	VESA DPMS, DVI DMPM			
Input Terminals*2	DVI-D x 1 (HDCP compatible), Mini D-sub 15-pin x 1*3, video x 1*3, component video x 1*3, HDMI™ x 1 (1080p compatible), RS-232C x 1, USB x 1 (image, video, audio)*4, 3.5 mm-diameter mini stereo jack x 1, RCA pin (L/R) x 1			
Output Terminals*2	DVI-D x 1 (HDCP compatible), RS-232C x 1, RCA pin (L/R) x 1			
Input/Output Terminals*2	LAN: 10Base-T/100Base-TX x 1			
Built-in Speakers	7 W + 7 W			5 W + 5 W
Mounting	VESA (4 points), 400 mm (15 3/4") pitch, M6 screw			VESA (4 points), 200 mm (7 7/8") pitch, M6 screw
Power Supply	100V – 240V AC, 50/60 Hz			
Continuous Operation	20 hrs			24 hrs
Power Consumption	150 W	135 W	120 W	56 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)	49 3/16" x 2 5/8" x 28 5/16"	42 3/8" x 2 5/8" x 24 1/2"	38 1/8" x 2 5/8" x 22 1/16"	29 1/2" x 1 7/8" x 17 1/2"
Weight (approx.)	55.2 lbs	36.4 lbs	32.0 lbs	17.6 lbs
Main Accessories	AC power cord, set-up manual, CD-ROM, remote control unit, battery (AA size x 2), cable clamps x 2, vertical sticker, blank sticker, USB flash drive cover*5			

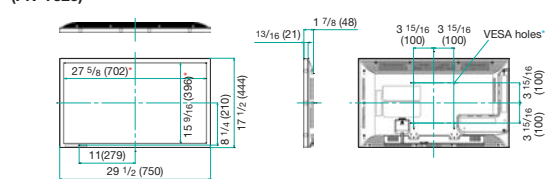
*1 Brightness depends on input mode and other picture settings. Brightness level will decrease slightly over the lifetime of the product. Due to the physical limitations of the equipment, it is not possible to maintain a precisely constant level of brightness. *2 Use a commercially available connection cable for PC and other video connections. *3 Analogue PC, video, and component video are switchable (via the bottom interface), use the menu to select. Note that video and component video inputs require a conversion cable connected via the mini D-sub 15-pin jack. *4 Supported media formats: JPEG and PNG for still images; WMV, MP4, and TS for videos; and MP3 and WMA for audio. JPEG (.jpg) and WMV (.wmv) files can be played automatically. *5 Size of USB device (incl. terminal) usable with cover: max. 50 x 20 x 12 mm (LxWxH) ** Sync-on-green and composite sync are not supported.

Dimensions

(PN-Y555)

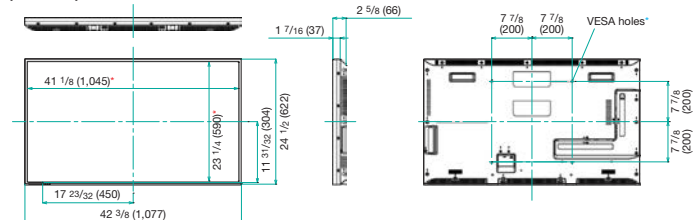


(PN-Y325)

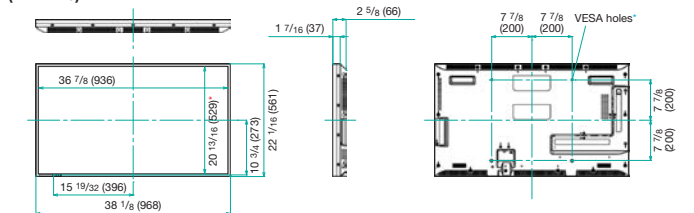


Units: inch (mm)
 * Screen dimensions
 * To use the VESA-standard mounting bracket, use M6 screws that are 8 to 10 mm plus the thickness of the bracket.

(PN-Y475)

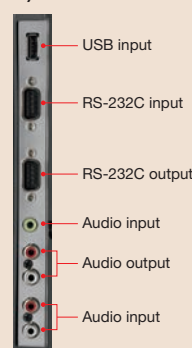


(PN-Y425)

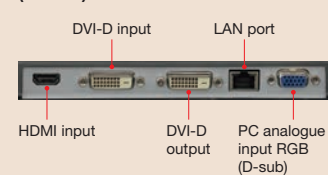


Input/Output Terminals

(Side)



(Bottom)



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