

# SHARP

PN-Y555 / PN-Y475 / PN-Y425 / PN-Y325  
Professional LCD Monitors

You get one chance to make a first impression /This is Why  
you need Sharp to help you get your message across



AFFORDABLE, ROBUST AND EASY TO USE DISPLAYS

Sharp has leveraged its expertise in designing state-of-the-art, professional displays to create a new series of affordable, robust, easy to use professional monitors that are ideal for a wide range of applications including retail shops, hospitality, reception areas, lobbies and other corporate and public spaces.

## We understand the art of communication /This is Why we make screens for every environment



### PN-Y Displays - Signage for Everyone

Sharp is bringing digital signage within reach of every business from small shops to large corporations and industrial environments, with a full range of professional displays from a compact 32" right the way up to an eye-catching 55".

Featuring the sturdiness required for prolonged display applications, supported by an embedded USB media player for ease of use, they make putting your corporate messages as well as advertising your product and service on the screen both simple and affordable without the need for extra hardware and software.

Each model can be set up without any technical expertise. Just place them wherever you want – in a landscape or portrait configuration - and plug them into the mains or power. Your dynamic contents, which can include Full HD videos or still images in all most popular formats, can be played from a standard USB memory safely secured at the back of the display\*<sup>1</sup>.

At the same time, a comprehensive set of digital and analogue signal interfaces, a 'DVI loop out' function (allowing for display cloning), a screen split function to make video walls, and the full LAN/RS-232C remote controllability also make this series equally at home in larger integrated deployments. Conveniently, Sharp's PN-Y displays can always revert to playing content from the USB, should the main input signal be disrupted – so your PN-Y displays should never go blank.

### Simple and versatile embedded USB player:

#### Sharp's simple solution for easy signage.

The auto playlist stored onto the USB makes it easy to cue and play your content in different formats. You can display your ideas without any third party support or particular IT skill



set, just drag and drop your contents on to the USB stick, and once you've created your playlist it takes just moments to copy it on to another memory stick for loading onto other screens. In addition, the automatic switching between 3 different inputs (HDMI, DVI

and D-Sub) can also be set according to a particular sequence and timing using the equally intuitive embedded scheduler.

### Crystal clear sound

Built in to either side of the display, two powerful stereo speakers deliver unusually clear and powerful sound – a real bonus in crowded environments.



\*1 No LAN connection required

**We want every business to benefit from digital signage**  
**/This is Why** we designed the PN-Y display series as a  
**reliable, affordable and simple signage solution**



Even if this is your first time implementing digital signage into your business you'll find a PN-Y monitor that is a perfect fit for your business requirement and application.

#### **Excellent image quality**

Sharp is respected throughout the world for delivering quality pictures on quality displays, and these latest PN-Y displays continue that long tradition.

The slim LED backlight monitors deliver a bright picture and an impressive colour quality in any signage environment. Each model offers full HD (1,920 x 1,080) resolution, supported by a high brightness and contrast level, an excellent angled viewing consistency and an advanced anti-reflection coating. The result is a family of modern, robust, slim, professional displays with extra thin 16mm bezels allowing for clear viewing, specifically engineered for professional 24/7.

#### **Quietly reliable**

All PN-Y models feature a noise-free fanless technology to dissipate heat without the need for noisy, dust-attracting fans while a temperature sensor automatically adjusts the backlight's brightness to the environmental conditions, extending the life of the unit in continuous-use environments, and saving energy.

#### **Remote LAN, RS232 and content controllability**

Whether you use a single display or many, each screen can be monitored and controlled from a remote PC using LAN or RS232, while their content can also be separately authored and managed using the powerful advanced SHARP Digital Signage Software (SDSS).

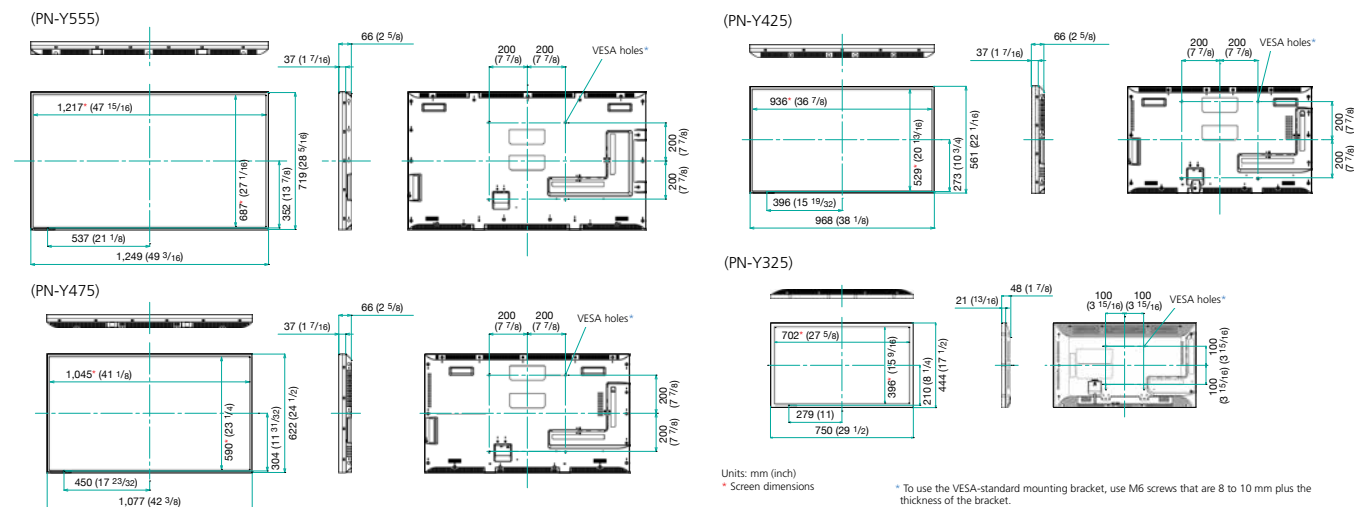


**INPUT/OUTPUT  
TERMINALS**

## Specifications

Model	PN-Y555	PN-Y475	PN-Y425	PN-Y325
<b>Installation</b>	Landscape/Portrait			
	55-inch widescreen (138.8 cm diagonal) TFT LCD	47-inch widescreen (119.3 cm diagonal) TFT LCD	42-inch widescreen (106.7 cm diagonal) TFT LCD	32-inch widescreen (80.1 cm diagonal) TFT LCD
<b>LCD Panel</b>	1,920 x 1,080 pixels			
	Max. Resolution			16.77 million colours
	Max. Display Colours (approx.)			1.06 billion colours
	Pixel Pitch (H x V)	0.630 x 0.630 mm	0.542 x 0.542 mm	0.485 x 0.485 mm
	Max. Brightness (average)*1	450 cd/m <sup>2</sup>		350 cd/m <sup>2</sup>
	Contrast Ratio	1,300 : 1		3,000 : 1
	Viewing Angle (H/V)	178°/178° (CR ≥ 10)		
	Active Screen Area (W x H) (approx.)	1,209.6 x 680.4 mm (47 5/8" x 26 13/16")	1,039.7 x 584.8 mm (40 15/16" x 23")	930.2 x 523.3 mm (36 5/8" x 20 5/8")
<b>Computer Input</b>	Response Time	12 ms (grey to grey, avg.)		8 ms (grey to grey, avg.)
	Backlight	LED, edge lit		
	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		
<b>Power Management</b>	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, 3.5mm-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		24 hrs		
Power Consumption		150 W	135 W	120 W
<b>Environmental Conditions</b>	Operating Temperature	0°C to 40°C		
	Operating Humidity	20% to 80% RH (no condensation)		
Dimensions (W x D x H) (approx.) (display only)		1,249 x 66 x 719 mm (49 3/16" x 2 5/8" x 28 5/16")	1,077 x 66 x 622 mm (42 3/8" x 2 5/8" x 24 1/2")	968 x 66 x 561 mm (38 1/8" x 2 5/8" x 22 1/16")
Weight (approx.)		25.0 kg	16.5 kg	14.5 kg
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		

## Dimensions



## Notes

\*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.

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# This is Why

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# SHARP

**HDMI**  
HIGH DEFINITION MULTIMEDIA INTERFACE