



PN-Y556P/PN-Y496P/PN-Y436P

Professional LCD signage displays

www.sharp.co.uk

SHARP
Be Original.

Always make a lasting impression.

Bring your messages to life with our digital signage displays that put you in control – effortlessly

Easy to use, great to look at, and available in a choice of sizes to suit all of your needs – that's the PN-YP range of professional digital signage displays. With a choice of sizes from 43" to 55", these affordable and robust 24/7 HD displays with 450 cd/m² brightness, give you all you need to communicate, easily.

Your message, your way

Businesses large and small can benefit from digital signage that helps them publicise the right information at the right time. We know that the information you share on your displays needs to be relevant and easy to change, to keep up with circumstances.

For those displays located in public spaces or commercial property, you can play content from a USB or SD card. Whether it's video, images or audio files our Integrated Media Player allows easy, immediate automatic playback of all popular content or file types, so you'll never have to worry about file incompatibility.

Versatility from every angle

All of our PN-YP displays are designed to blend in perfectly with their surroundings. As you'd expect, that means you can wall mount them in portrait and landscape configurations. But that's not all.

The full range is designed for upward or downward facing installation too, meaning you can have ceiling - or even floor - mounted displays, to really make an impact. This opens up plenty of new possibilities to let your creativity really shine through, and your messages hit home. Innovate at exhibitions, realise imaginative displays in retail and create novel wayfinding in public spaces. Furthermore, our PN-YP displays work hard to support even your most demanding needs, whilst operating round the clock 24/7.



All you need to get the best results.

Our displays are designed to be flexible and reliable enough to meet your needs perfectly, whatever that need may be

Flexibility and choice

The PN-YP range of displays is available in a choice of sizes to suit your requirements – from a compact 43”, to 49” and up to the largest of the PN-YP family, measuring 55”. All panels are TFT LCD with a wide viewing angle, which makes them suitable for a very broad range of digital signage applications and locations.

Always showing your best side

The quality of the display is clear from the 1920x1080 full-HD display resolution, which will bring all your content to life in vivid detail. Everything from thin lines and fine text through to photographic images will be displayed in stunning clarity. With 450cd/m² brightness, the PN-YP range delivers bright, eye-catching digital signage content for maximum impact in public and commercial spaces. And thanks to the high contrast ratio you get the deepest blacks and better colour reproduction for truly excellent visual impact.

With a thickness of just 46mm, our PN-YP displays have a much sleeker, more attractive, lower profile design, which means an improved installation footprint. This is further enhanced by the bezel which is only 9.5mm wide, giving them a much neater look that won't detract from the attention your content deserves.

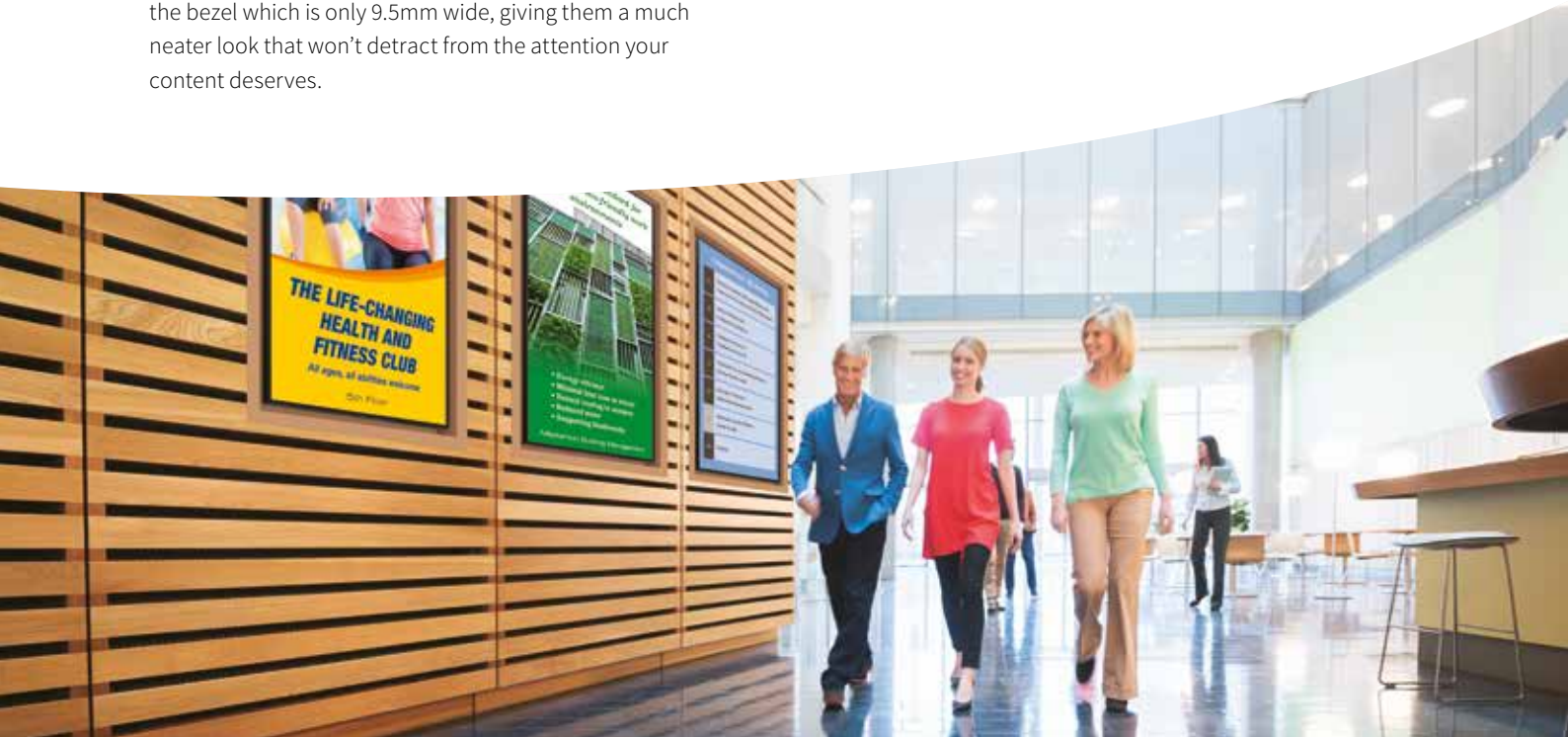
Enhanced features

We have incorporated a range of enhanced features that will make life with the PN-YP range even more rewarding, including the ability to display the same digital content on a series of 'daisy-chained' displays.

If you want to do something more creative with your displays, our ID Setting feature enables each unit to be addressed individually in a video wall array, or when part of a networked display system, which gives you even more content possibilities.

There is a temperature sensor to monitor heat inside the PN-YP range and automatically adjust backlight brightness to keep the temperature within normal operating levels, thereby preventing display shut-down or outage. A fanless architecture means that even in warm environments, high reliability rates are safeguarded, helping reduce downtime.

Security is covered too, with anti-theft covers to prevent USB sticks and SD memory cards being removed by unauthorised access.

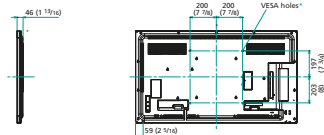
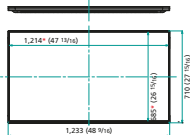


Specifications

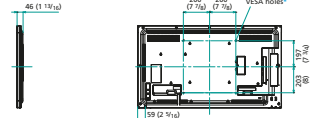
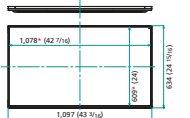
Model name	PN-Y556P	PN-Y496P	PN-Y436P	
Installation	Landscape / Portrait / Face-up / Face-down / Backward tilt (0 to 20, 45 degrees)*1			
LCD panel	55" [54 ⁹ / ₁₆ inch (138.8cm) diagonal] TFT LCD	49" [48 ¹ / ₂ inch (123.2cm) diagonal] TFT LCD	[42 ¹ / ₂ inch (107.98cm) diagonal] TFT LCD	
	Max. resolution	1920 x 1080 pixels		
	Max. display colours	16.77 million colours		
	Pixel pitch (H x V)	0.630 mm x 0.630 mm	0.559 mm x 0.559 mm	0.490 mm x 0.490 mm
	Brightness	450 cd/m ²		
	Contrast ratio	1,100 : 1		
	Viewing angle (H/V)	178°/178° (CR ≥10)		
Active screen area (W x H)	1209.6 x 680.4	1039.7 x 584.8	941.184 x 529.416	
Computer input	Video	Digital (DVI 1.0 standard-compliant), Analog RGB (0.7 Vp-p) [75 Ω]		
	Video colour system	NTSC (3.58MHz)/NTSC (4.43MHz)/PAL/PAL-60/SECAM		
	Synchronisation	Horizontal/vertical separation (TTL: positive/negative)		
	Plug & play	VESA DDC2B		
	Power management	VESA DPMS, DVI DMPM		
Input terminals	HDMI x 1, Mini D-sub 15 pin, 3 rows x 1, DVI-D 24 pin (HDCP compatible) x 1, 3.5 mm mini stereo jack x 2, D-sub 9 pin x 1			
Output terminals	DVI-D 24 pin (HDCP compatible) x 1, 3.5 mm mini stereo jack x 1, D-sub 9 pin x 1			
USB port	USB flash drive (Type A)			
Built-in-Speakers	7W + 7W			
USB Power Supply	5V, 2A (USB type A connector)			
SD card slot	SD memory card (SD memory card/SDHC memory card)			
LAN terminal	10 BASE-T/100 BASE-TX			
Power consumption	105W	87W	76W	
Power Requirement	AC 100 - 240 V, 50/60 Hz			
Environmental conditions	Operating temperature*1	0°C to 40°C		
	Operating humidity	20% to 80% RH (no condensation)		
Dimensions (W x D x H) (display only)	1233 x 46 x 710	1097 x 46 x 634	965 x 46 x 559	
Weight	18 kg	15 kg	10.5 kg	

Dimensions

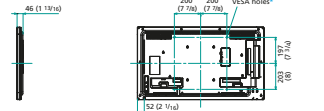
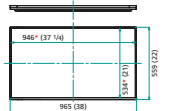
(PN-Y556P)



(PN-Y496P)



(PN-Y436P)



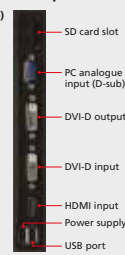
Units: mm (inch)

* Screen dimensions

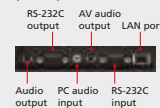
* To use the VESA-standard mounting bracket, use M6 screws that are 8 to 10 mm plus the thickness of the bracket.

Input/Output Terminals

(Side)



(Bottom)



*1 Temperature condition may change when using the monitor together with the optional equipment recommended by SHARP. In such cases, please check the temperature condition specified by the optional equipment. If you will use the monitor in a flat installation (tilted more than 20° (upward or downward), please use at an ambient temperature between 0°C and 30°C. All information was correct at time of print. Windows, Windows Server, and Windows Vista are registered trademarks of Microsoft Corporation in the United States and/or other countries. The terms HDMI, HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc. All other company names, product names and logotypes are trademarks or registered trademarks of their respective owners. © Sharp Corporation. February 2020. Ref PN-Y556P/PN-Y496P/PN-Y436P Brochure App (20322).