

The right first impression can leave a lasting effect  
**/This is Why** Sharp will help bring your message to life.



EASY TO USE SIGNAGE DISPLAYS THAT PUT YOU IN CONTROL

Easy-to-use, great to look at, and available in a range of sizes to suit all needs, from small and compact (32") all the way up 55", the new PN-Y range of affordable 1920x1080, robust 24/7 displays with 450 cd/m<sup>2</sup> from Sharp puts you in control, with innovative new content delivery management tools.

## Your messages need clear communication /This is Why our digital signage displays meet your needs perfectly.

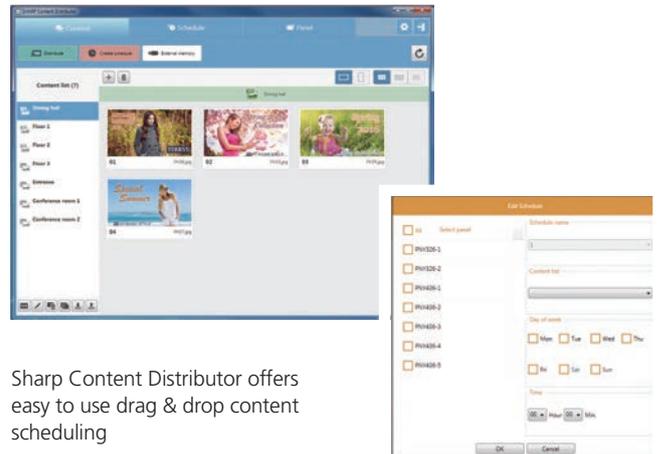
### PN-Y Displays - Digital Signage That Puts You In Control

Businesses large and small can benefit from digital signage that helps them publicise the right information at the right time. But Sharp knows the information you display on your screens and signage needs to work hard to keep up with circumstances. The downloadable Sharp Content Distributor application puts you in control by enabling easy and versatile drag-and-drop distribution of content for your PN-Y displays, via a network connection, or using an SD card or USB memory stick.

For those displays located in public spaces, commercial property, or simply in hard-to-access places, content can be sent wirelessly, direct to the display's SD card reader via the optional FlashAir SD card WiFi solution. 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. With the Sharp PN-Y range, there's no need to purchase a dedicated content playback device. That helps keep things easy and cost-efficient, and avoids unnecessary downtime that might come from being dependent on a third-party device.

Using Sharp Content Distributor you can work with as many as 50 content lists of up to 30 video or image files each. All of which can be scheduled to determine when and in what order the items are displayed, and for how long. This process is managed via the simple user interface, allowing content to be planned, managed, and streamed across as many as 20 display units with up to seven different patterns that fit in with your working week, corresponding with opening hours, visiting periods, or peak appointment times, depending on your business's particular requirements.

To give you better business insight into signage use and how your investment in display technology is delivering results, the system also provides full content audit trail reports with date/time information, results and names of content lists, along with IP addresses, and the location of each display.

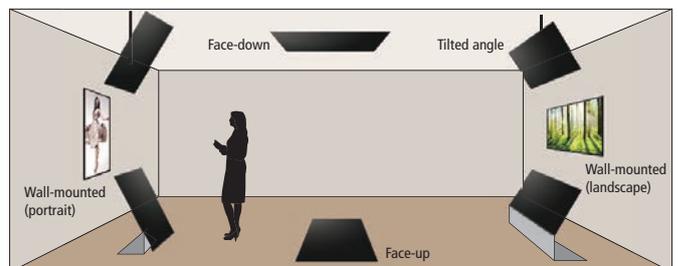


Sharp Content Distributor offers easy to use drag & drop content scheduling

### Versatility from every angle

All Sharp PN-Y 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 novel wayfinding in public spaces. Furthermore, Sharp PN-Y displays can operate round the clock, 24/7, working hard to support even your most demanding needs.



## We understand you need the best results from your digital signage /This is Why our screens are flexible and reliable.

### Seen and heard

There's no need for external speakers, thanks to the integrated speakers in each display unit, which ensure crystal clear sound reproduction.

With the PN-Y series, we've created a range that will meet the needs of any businesses display requirements, and lets you take full control of your message.

### Always showing your best side

The PN-Y series of displays is available in a range of sizes to suit your requirements. From small and compact (32") all the way up to 43", 49" and the largest of the PN-Y family, which measures 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.

The quality of the screen is clear from the 1920 x 1080 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. Thanks to 450cd/m<sup>2</sup> brightness, the PN-Y 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, the Sharp PN-Y displays have a much sleeker, more attractive, lower profile look, 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.

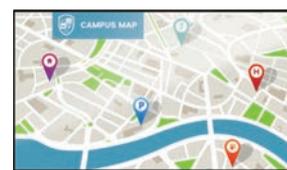
### Enhanced features

Sharp has built-in a range of enhanced features that will make life with the PN-Y series even more rewarding. From being able to display the same digital content on a series of 'daisy-chained' displays, to avoiding the potential hazards of a power surge through use of a power-on delay.

If you want to do something more creative with your displays, Sharp's 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-Y series and automatically adjust backlight brightness to keep the temperature within normal operating levels, thereby preventing display shut-down or outage. Fanless architecture means that even in warm environments, high reliability rates are safeguarded, helping reduce downtime or outage.

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



# Specifications

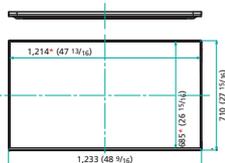
Model	PN-Y556	PN-Y496	PN-Y436	PN-Y326	
	55" [54 5/8 inch (138.8cm) diagonal] TFT LCD	49" [48 1/2 inch (123.2cm) diagonal] TFT LCD	43" [42 1/2 inch (107.98cm) diagonal] TFT LCD	32" [31 7/16 inch (80.1cm) diagonal] TFT LCD	
LCD Panel	Max. Resolution 1920 x 1080 pixels				
	Max. Display Colours (approx.) 16.77 million colours				
	Pixel Pitch (H x V) 0.630 mm x 0.630 mm		0.559 mm x 0.559 mm		
	Max. Brightness (average) 450 cd/m <sup>2</sup>		400 cd/m <sup>2</sup>		
	Contrast Ratio 1,100 : 1				
	Viewing Angle (H/V) 178°/178° (CR≥10)				
Active Screen Area (W x H) (approx.) 47 5/8 x 26 13/16 (1209.6 x 680.4)		40 15/16 x 23 (1039.7 x 584.8)		37 1/16 x 20 13/16 (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	7 W + 7 W		5 W + 5 W		
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 (Input signal waiting mode / standby mode*2)	105W	87W	76W	69W	
Power Requirement	AC 100 - 240 V, 50/60 Hz				
Environmental Conditions	Operating Temperature*1 32°F to 104°F (0°C to 40°C)				
	Operating Humidity 20% to 80% RH (no condensation)				
Dimensions (W x D x H) (approx.) (display only)	48 9/16 x 1 13/16 x 27 15/16 (1233 x 46 x 710)	43 3/16 x 1 3/16 x 24 15/16 (1097 x 46 x 634)	38 x 1 13/16 x 22 (965 x 46 x 559)	28 1/2 x 2 3/16 x 16 11/16 (724.5 x 56 x 424)	
Weight (approx.)	18 kg	15 kg	10.5 kg	6 kg	

## Notes

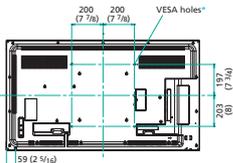
\*1 Temperature condition may change when using the monitor together with the optional equipment recommended by SHARP. In such cases, please check the temperature condition specified by the optional equipment. If you will use the monitor in a flat installation (tilted more than 20° (upward or downward), please use at an ambient temperature between 32°F (0°C) and 104°F (30°C). \*2 When POWER SAVE MODE is set to OFF. When POWER SAVE MODE is set to ON: 0.5 W  
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## Dimensions

(PN-Y556)



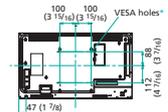
46 (1 13/16)



(PN-Y326)



56 (2 3/16)



Units: mm (inch)

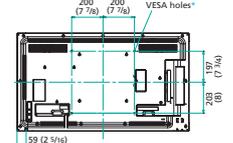
\* Screen dimensions

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

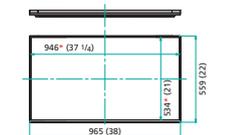
(PN-Y496)



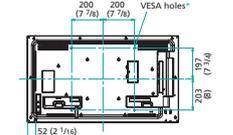
46 (1 13/16)



(PN-Y436)



46 (1 13/16)



## Input/Output Terminals

(Side)



(Bottom)



# SHARP

Inspiring ideas from technology

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