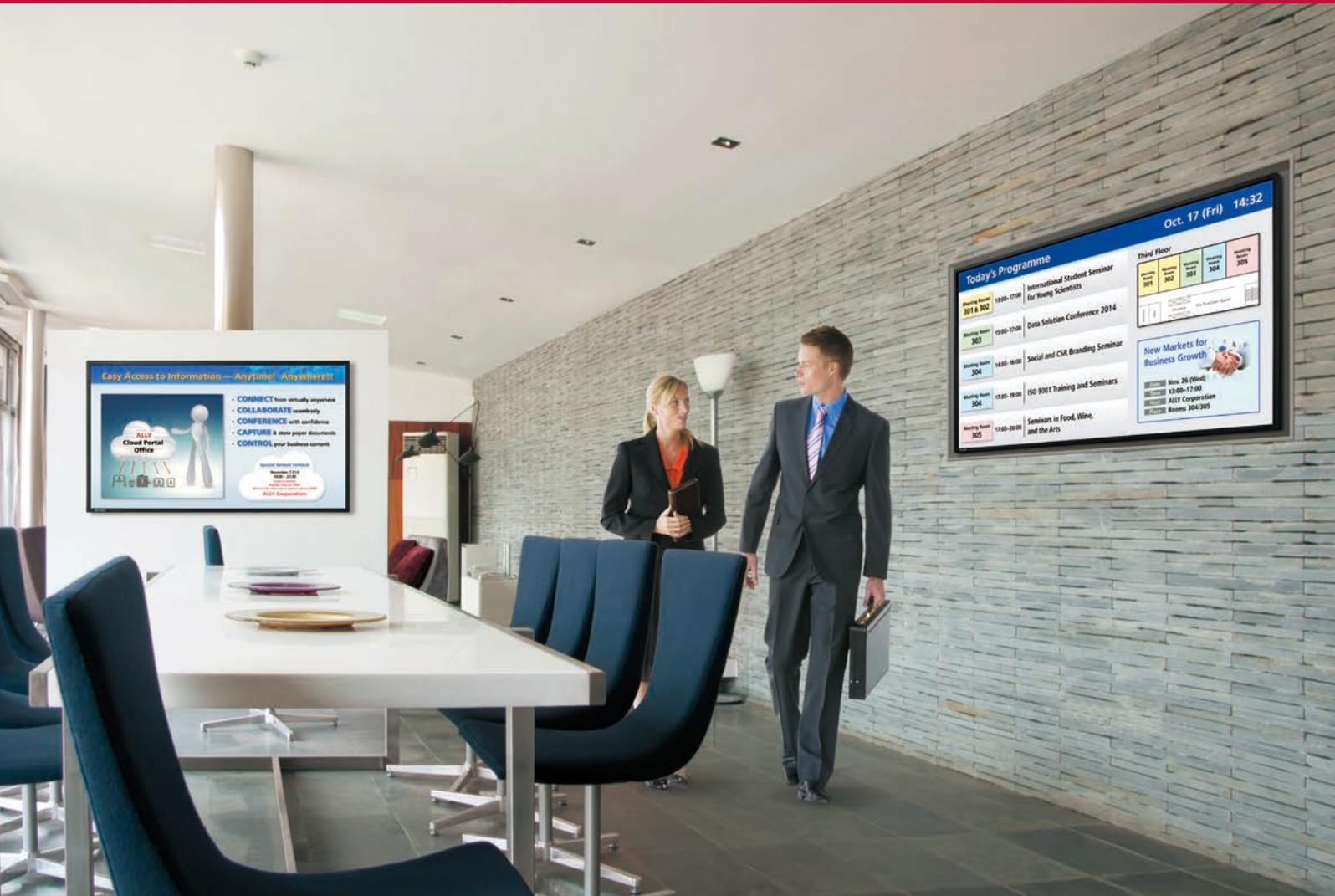


# SHARP

PN-Y555  
PN-Y475  
PN-Y425  
PN-Y325  
LCD MONITOR

## LCD Monitors by Sharp— Highly Functional and with a Choice of Sizes



Whether it's a public space or a commercial location, Sharp has a versatile LCD monitor to convey your message with visual panache. Sized 55, 47, 42, or 32 inches, 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. And signage functionality can be enhanced with optional Sharp Digital Signage Software. With these professional LCD monitors, 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 × 1,080) 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 emphasises the onscreen content.

\* 24 mm for PN-Y325.

## 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

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

## Choice of Screen Size and Installation Mode

The PN-Y555/Y475/Y425/Y325 monitors come in four sizes—55, 47, 42, and 32 inches—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.



## Fanless Architecture

The PN-Y555/Y475/Y425/Y325 monitors incorporate a fanless architecture that serves 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.

## 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 and keep 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.



## Sharp Digital Signage Software (SDSS)

SDSS is a versatile management software option that provides total support for the creation, scheduling, distribution, and display of a wide range of content for Sharp LCD monitors. Whether distributing scheduled programs over a large network or via a USB flash drive, users can select the software version that matches their needs, their business environment, and their existing systems.

### What SDSS Can Do

#### STEP 1 Easy Program Creation and Scheduling

##### Creating Programs

To facilitate program creation, users can determine screen layout and playback order for the content with straightforward mouse operation.

##### Creating and Editing Schedules

Through drag-and-drop operation, users can easily specify the time and date at which programs are to be displayed.

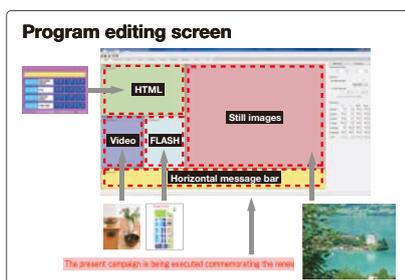
#### STEP 2 Easy Delivery

Once STEP 1 is complete, the scheduled program can be sent to the target PC (where PN-SV01 is installed) for display.

#### STEP 3 Easy Management\*

The operational status and the programs being displayed can be remotely monitored from a controller/operation PC(s), so that any problems that arise can be dealt with swiftly.

\* Available on PN-SS02/SS05/SW05.



Display screen



### Various Solution Packages Are Available to Match Differing Needs for Digital Signage

#### In Stand-Alone Systems

##### PN-SS01 Stand-Alone Version

Scheduled programs can be **delivered** and **displayed** at a designated time on a **single LCD monitor**.

#### In Network Systems

##### PN-SS02 Network Version

Enables programs to be distributed **via the network to one or multiple PCs** for display on **up to 100 LCD monitors** according to a set schedule.

##### PN-SS05 Pro Version

Same functions as PN-SS02, plus support for **larger and more complex systems**. Can distribute scheduled programs to **up to 1,000 LCD monitors**.

##### PN-SW05 Pro Web Server Version

Same functions as PN-SS05 and **operable via a web browser**. Programs, schedules, and other items can be centrally stored and managed on a web server database (i.e., a controller PC), **accessible by up to 50 remote PCs**.

##### PN-SV01 Viewer Version

Dedicated software for displaying scheduled programs on Sharp LCD monitors. To be used with PN-SS01/SS02/SS05/SW05 software.

Note: Availability of SDSS options depends on country or region. Consult your nearest Sharp representative for details.

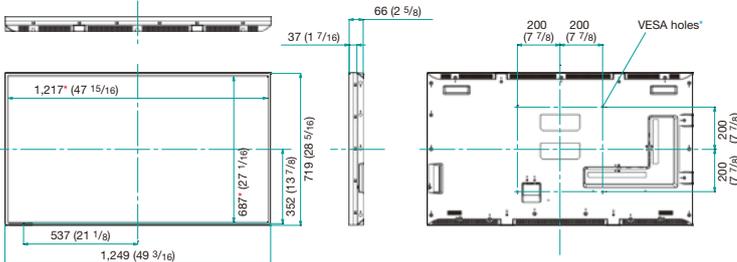
# Specifications

Model Name	PN-Y555	PN-Y475	PN-Y425	PN-Y325
Installation	Landscape / Portrait			
LCD Panel	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
Max. Resolution	1,920 x 1,080 pixels			16.77 million colours
Max. Display Colours (approx.)	1.06 billion colours			0.364 x 0.364 mm
Pixel Pitch (H x V)	0.630 x 0.630 mm	0.542 x 0.542 mm	0.485 x 0.485 mm	350 cd/m <sup>2</sup>
Max. Brightness*1	450 cd/m <sup>2</sup>			3,000 : 1
Contrast Ratio	1,300 : 1			
Viewing Angle (H/V)	178°/178° (CR ≥ 10)			
Active Screen Area (W x H)	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")	698.4 x 392.9 mm (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	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)	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")	750 x 48 x 444 mm (29 1/2" x 1 7/8" x 17 1/2")
Weight (approx.)	25.0 kg (55.2 lbs)	16.5 kg (36.4 lbs)	14.5 kg (32.0 lbs)	8.0 kg (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			

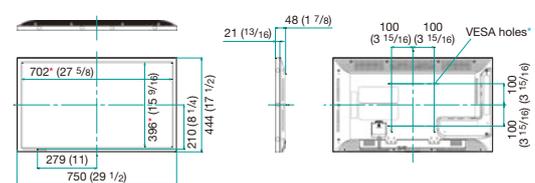
\*1 Brightness depends on input mode and other picture settings. Brightness level will decrease slightly over the lifetime of the product. Due to the physical limitations of the equipment, it is not possible to maintain a precisely constant level of brightness. \*2 Use a commercially available connection 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)

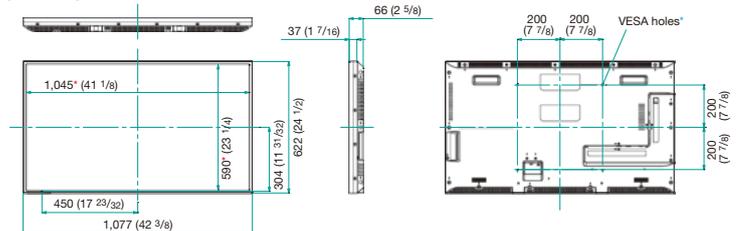


### (PN-Y325)

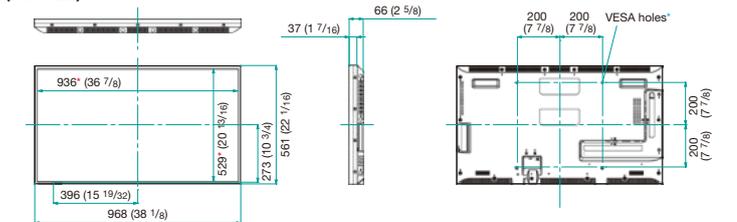


Units: mm (inch)  
 \* Screen dimensions  
 \* To use the VESA-standard mounting bracket, use M6 screws that are 8 to 10 mm plus the thickness of the bracket.

### (PN-Y475)



### (PN-Y425)



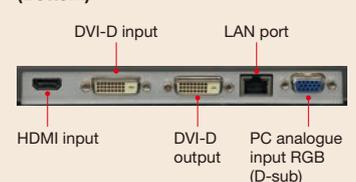
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## Input/Output Terminals

### (Side)



### (Bottom)



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# SHARP

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