

### Get the Digital Signage Advantage with Sharp's Stylishly Thin LCD Monitor



#### Slide Show Function

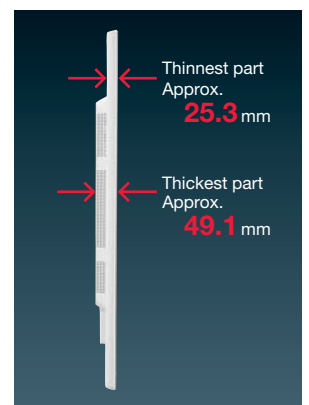
Thanks to its Slide Show function, the PN-T321 can be used as a basic stand-alone digital signage system, without a PC or a network connection. Inserting a USB thumb drive into the PN-T321 enables the playback of up to 600 stored still image (JPEG and PNG) and audio files (MWA and MP3). Photos, posters, and other still image data can be shown with ease on the PN-T321, accompanied by audio playback via conveniently built-in speakers. As an additional feature, the PN-T321 comes with a USB thumb drive cover to prevent theft of the data storage device.



USB port on the back of the LCD monitor

#### Thin and Lightweight

The stylishly designed, 32-inch-class PN-T321 measures just **49.1 mm** thick and weighs only **7.8 kg**, making it easy to place in almost any location, including stores and other commercial establishments, offices, and public spaces. And with its thin, lightweight profile, the PN-T321 can be easily mounted on a wall in a choice of portrait or landscape installation to suit a variety of uses.



## Energy-Efficient

The LED backlight on the PN-T321 helps ensure reliable performance with low power consumption. In fact, the PN-T321 consumes approximately 37% less energy than conventional CCFL-backlight displays.\*

\* Compared to Sharp PN-325

## Built-In Speakers

Built-in speakers (8W + 8W) eliminate the need for external audio systems in a variety of applications.

## Sharp Digital Signage Software (sold separately)

For advanced use, Sharp Digital Signage software provides support for the distribution and display of content, including high-quality video images. Content can also be distributed over a PC network.

## 24/7 Operation

Built solid, the PN-T321 is ideal for use in 24-hour stores and other demanding professional applications that require around-the-clock operation seven days a week.

## Specifications

Model Name	PN-T321		Input Terminals*2	PC	Analogue mini D-sub 15-pin x 1, HDMI x 1, Digital DVI-D 24 pin x 1 (HDCP compatible)
Installation	Landscape / Portrait			Component Video	RCA pin (Y, Cb/Pb, Cr/Pr) x 1*3
LCD Panel	31.5-inch widescreen (80 cm diagonal) TFT LCD			HDMI	1 (HDCP compatible)
	Max. Resolution	1,366 x 768 pixels		Audio	3.5 mm-diameter mini stereo jack x 1, RCA pin (L/R) x 1*3
	Max. Display Colours (approx.)	16.77 million colours		RS-232C	D-sub 9-pin x 1
	Pixel Pitch	0.511 mm		USB Port	1 (for slide shows)*4
	Max. Brightness*1	420 cd/m <sup>2</sup>	Output Terminals*2	Audio	3.5 mm-diameter mini stereo jack x 1
	Contrast Ratio	2500:1	Speaker Output	8 W + 8 W	
	Viewing Angle (H/V)	176°/176° (CR ≥ 10)	Mounting	VESA (4 points), 200 mm (7 7/8") pitch	
	Active Screen Area (W x H)	697.7 x 392.3 mm	Power Supply	100 V ~240 V AC, 50/60 Hz	
	Response Time	6.5 ms (gray to gray, avg.)	Power Consumption	82 W	
	Computer Input	Video	Analogue RGB (0.7 Vp-p) [75 Ω], Digital (conforms to DVI 1.0 standards)	Environmental Conditions	Operating Temperature
Synchronisation		Horizontal/vertical separation (TTL: positive/negative) Sync-on-green, Composite sync (TTL: positive/negative)	Operating Humidity		20% to 80% RH (no condensation)
Plug & Play		VESA DDC2B	Dimensions (W x D x H) (approx.) (display section only)	769 x 49.1 x 461 mm (30 9/32" x 1 30/32" x 18 5/32")	
Power Management		VESA DPMS, DVI DMPM	Weight (approx.)	7.8 kg (17.2 lbs)	
Video Colour System	NTSC (3.58 MHz) / NTSC (4.43 MHz) / PAL / PAL60 / SECAM		Main Accessories	AC power cord (approx. 4 m), remote controller, CD-ROM, set-up manual, stickers (operation panel, blank, Sharp logo), cable clamp, cover for USB thumb drive, conversion cable (2 pcs)	

\*1 Brightness will depend on input mode and other picture settings. Brightness level will decrease over time. Due to the nature of the equipment, it is not possible to precisely maintain a constant level of brightness.  
 \*2 Use a commercially available connection cable for PC and other video connections. \*3 Use the bundled conversion cable and a commercially available RCA pin.  
 \*4 The slide show function can playback files in the jpg, png, mp3, and wma formats.

## Sharp Digital Signage Software

Sharp Digital Signage Software is a versatile management software package that provides total support for the creation, scheduling, distribution, and display of a wide range of programmes for Sharp LCD monitors.

### ■ PN-SS01 Stand-Alone Version

In stand-alone systems, PN-SS01 software enables programmes to be edited on a single PC for display on a single LCD monitor according to a set schedule. Programmes can be transferred to another client\* via a USB thumb drive.

### ■ PN-SS02 Network Version

In network systems, PN-SS02 software enables programmes to be edited and stored on a networked PC then distributed via the network to up to 100 clients\* according to a set schedule.

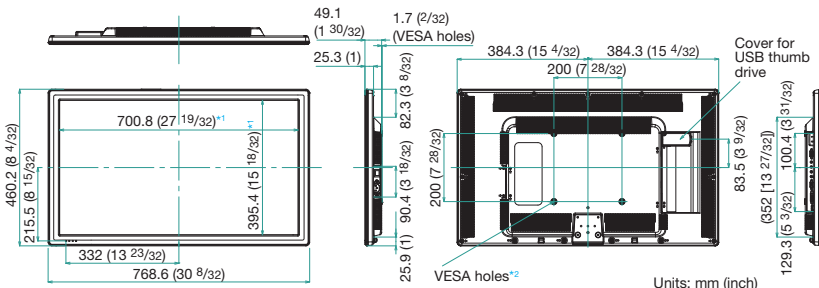
Note: Networked clients must use PN-SV01 viewer version software

### ■ PN-SV01 Viewer Version

Used on the client\* side, PN-SV01 viewer software allows programmes edited with PN-SS01 or PN-SS02 software to be displayed on the client's LCD monitor according to a set schedule.

\* Each client represents a separate PC and Sharp LCD monitor.

## Dimensions

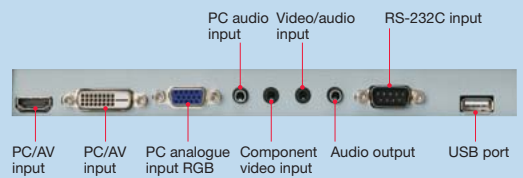


\*1 Screen dimensions

\*2 To use the VESA-standard mounting bracket, use M6 screws that are 8 to 10 mm plus the thickness of the bracket.

Design and specifications are subject to change without prior notice.

## Input/Output Terminals



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