



The Sharp PN-425 Professional LCD Monitor with 42" (106.7 cm diagonal) screen size and 16 : 9WXGA (1366 x 768) HD resolution offers superb performance, image quality and reliability for use in a wide array of commercial signage and display applications.

Key Features Include:

42" (106.7 cm diagonal) "ASV" Advanced Super View Normally Black TFT LCD

Compatible for Extended Use (i.e., 24/7) in Both Landscape and Portrait Modes – with minimal concern for image retention.

High Definition 1366 x 768 (WXGA) Resolution with 800 : 1 Contrast Ratio and 6ms Response Time.

Rugged Design – incorporating commercial components, heavy-duty carrying handles and clean professional appearance.

Full Complement of Inputs – including DVI-D, Analog RGB, Component Video, S-Video, Composite Video, Stereo Audio, and RS-232C.

Built-in 7W/Channel Audio Amplifier – for use with external 3rd party stereo loudspeaker system.

Diagnostics RS-232C Central Control allows the PN-425 series LCD monitor to be controlled, monitored and have diagnostics performed from a central location.

Dual Fine-Engine ("DFE") provides superior display of both digital and analogue sources.

Built-in Enlargement Function to create up to 4x4 video walls from a PC, as well as "Picture in Picture" and "Picture by Picture" capabilities. Also offers lockable key panel, power-on delay function and extensive colour adjustments.

Ultra-High Aperture LCD achieves high brightness of 440 cd/m² and wide viewing angles (178° x 178°).

IDP Professional LCD Monitors

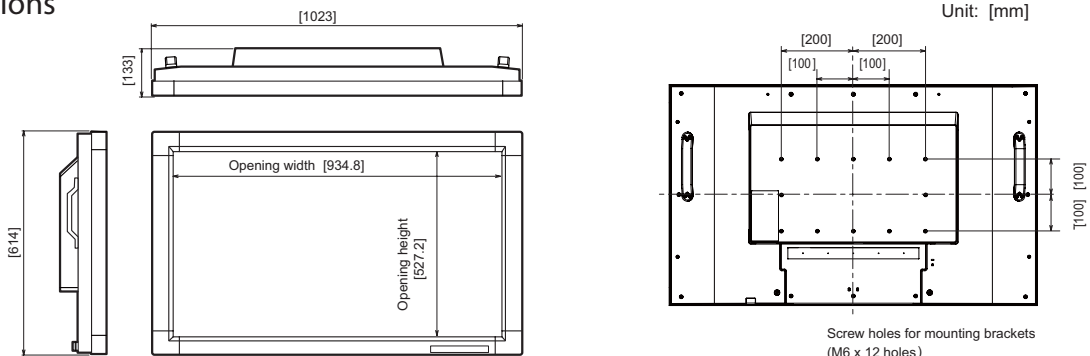
Specifications

Model Name		PN-425
		42 inch Widescreen (106.7 cm diagonal)
LCD Panel	Maximum Resolution	1,366 x 768
	Maximum Colour	16.77 million colours (8 bit)
	Pixel Pitch	Horizontal 0.681 mm x Vertical 0.681mm
	Maximum Brightness	440 cd/m ²
	Contrast ratio	800 : 1
	Viewing angle	Horizontal 178° / Vertical 178° (CR ≥ 10)
	Display Screen Size	930.3 x 523 mm (width x height)
PC Input Signals	Video	Analog RGB (0.7Vp-p) [75 Ω] , Digital (DVI Standard 1.0 Compliant)
	Sync signals	Horizontal / Vertical separate, Sync-On-Green, Composite Sync
	Plug & Play	VESA DDC2B
	Power Management	VESA DPMS Compliant, DVI DMPM Compliant
Video Signal		NTSC (3.58 Mhz), NTSC (4.43Mhz), PAL, PAL-60, SECAM
Input Terminal	PC Signal	Analog Mini D-sub 15 pins x 1, Analog BNC x 1 ^{*1} , DVI-D 24 pins x 1
	PC Audio	3.5 mm Mini Stereo Plug x 1
	Serial	RS-232C D-sub 9 Pin x 1
	Video	BNC x 1, RCA x 1 ^{*2}
	Component Video	BNC x 1
	S-Video	1 port ^{*2}
	Audio Input	RCA socket (L/R x 1)
Output Terminal	PC Signal	Mini D-sub 15 pin x 1
	Video	BNCx 1
	Sound	RCA socket (L/R x 1)
	Speaker	Speaker output 7W + 7W (6Ω)
User Adjustment	Enlarge Adjustment	Digital scaling (VGA/SVGA/XGA adjusted and enlarged to 1366 x 768)
	User Adjustment	Clock, Phase, Screen Position, Black Level, Contrast, Brightness
		Colour Temperature, Gamma Adjustment, Volume
		Mute, OSD Position
		Display Mode, Monitor Setting
	Information	Model Name, Serial Number
	OFF Timer	1 - 23 Hour Setting
	Adjustment Lock	Operation Lock, adjusted values non-changeable
	Enlargement	Max 4 x 4 Screen (M x N Screen Available - PC Signal Only)
	PinP, PnP	Yes
	Power-On-Delay	Settings between 1 - 60 Seconds
Temperature Monitoring	Alert prevents temperature increase by adjusting fan speed and backlight brightness	
Operation Button		Power, Input
Installation		6-point mounting (200 x 200 mm), 4 point mounting (200 x 200 mm) (M6 screw)
Orientation		Portrait and Landscape mounting (Horizontal and Vertical) orientation supported
Fan		Yes (Operates only when temperature exceeds preset value)
Power Consumption		190 W
Operating Temperature		0°C - 40°C
Operating Humidity		20 - 80% (No Condensation)
Dimensions (Display Part Only)		Approx : 1023 x 614 x 133 mm (W x H x D)
Weight		Approx. 22 Kg
Packaging Dimensions & Weight		Approx: 1142 x 740 x 237 mm (W x H x D) / Approx. 27 Kg
Accessories		AC Power Cable, Remote Control and Battery (AAA x 2) , CD-ROM, Operation Manual

*1 Plug and Play not supported

*2 These inputs can not be used simultaneously

Dimensions



SHARP

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