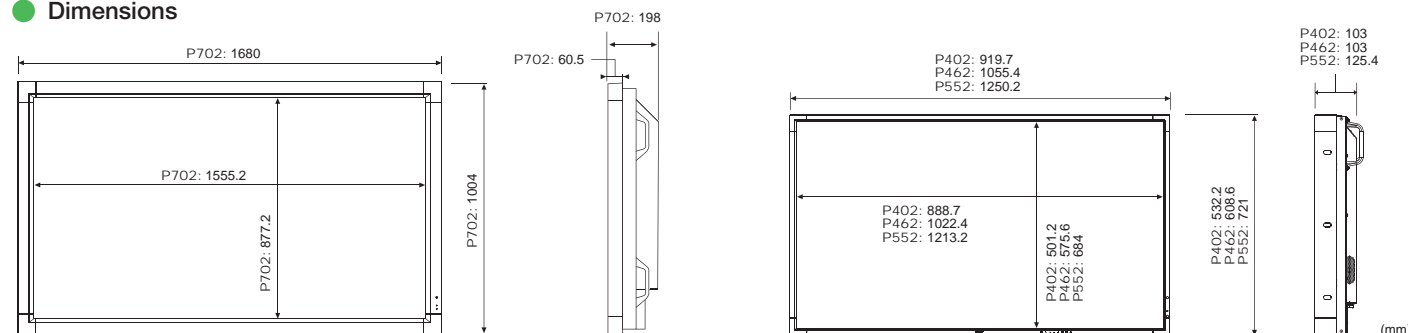


Specifications

MODEL	P402	P462	P552	P702
LCD MODULE				
Viewable Size (Diagonal)	40"	46"	55"	70"
Panel Technology	SPVA			
Native Resolution	1920 x 1080			
Pixel Pitch	0.461 mm	0.530 mm	0.630 mm	0.807 mm
Brightness (Typical/Maximum)	500 cd/m ² / 650 cd/m ²		500 cd/m ² / 700 cd/m ²	
Contrast Ratio (Typical)	3000:1		4000:1	
Active Screen Area (W x H)	34.9 x 19.6 in. / 885.6 x 498.2 mm	40.1 x 22.5 in. / 1018.1 x 572.7 mm	47.6 x 26.8 in. / 1209.6 x 680.4 mm	61.0 x 34.3 in. / 1549.4 x 871.6 mm
CONNECTIVITY				
Input Terminals				
RGB1 (Digital)	DVI-D			
RGB2 (Analog)	Mini D-sub 15 pin			
RGB3 (Analog)	5 BNC (RGB/HV)			
RGB4 (Digital)	DisplayPort			
Video 1	Composite (BNC)			
Video 2	S-Video			
Video 3	HDMI			
Component Video 1 (DVD/HD)	Sharing with 5 BNC (RGB/HV)			
Audio	Audio 1 & 2 (Stereo Mini Jack), Audio 3 Stereo (RCA), HDMI			
Output Terminals				
RGB (Analog)	No			
RGB (Digital)	DVI-D (DVI-D IN, HDMI IN), DisplayPort (DisplayPort IN)			
Video	BNC			
Audio	Stereo Mini Jack			
External Control	RS-232C in/out for multiple monitor control, Ethernet, IR, DDC/CI			
Speaker Output				
External Speaker Jack	15W Stereo / 8Ω			
Internal Speaker	10W Stereo / 8Ω			
FEATURES				
Additional Features	Advanced thermal capabilities, Sealed professional panel, Expansion slot, Ethernet control and Communication, CableComp+, TileMatrix (10x10), TileComp, Programmable lookup tables, Plug and Play (DDC/CI, DDC2B), PIP (remote), POP, 6-axis colour adjustment, Multi-level programmable zoom, Scheduler (w/ RTC), Sharpness/softness, Off-timer (countdown), Screen saver, Vacation switch, 10-bit gamma, AutoBright (signal input), Windows Vista-certified IR, Portrait-capable, Metal rear cabinet, Handles, Touch- and protective screen-ready, Ambient light sensor, Carbon footprint meter, Colour temperature adjustment (2600-10,000K)			
POWER				
Power Requirements	3.5 A@100V 1.45 A@240V	3.6 A@100V 1.5 A@240V	4.6 A@100-120V 1.85 A@220-240V	8.2 A@100-120V 3.3 A@220-240V
Power Consumption (Typical)	145W	155W	255W	545W
Power Consumption (Standby Mode)	<0.5W		<0.5W	
PHYSICAL SPECIFICATIONS				
Bezel Width (L/R, T/B)	0.6 in. / 0.6 in., 15.5 mm / 15.5 mm	0.6 in. / 0.6 in., 16.5 mm / 16.5 mm	0.73 in. / 0.73 in., 18.5 mm / 18.5 mm	2.5 in. / 2.5 in., 62.4 mm / 63.4 mm
Dimensions (without stand; WxHxD)	36.2 x 21 x 4.1 in. / 919.7 x 532.2 x 103 mm	41.6 x 24 x 4.1 in. / 1055.4 x 608.6 x 103 mm	49.2 x 28.4 x 4.9 in. / 1250.2 x 721 x 125.4 mm	66.1 x 39.5 x 7.8 in. / 1680 x 1004 x 198 mm
Packaging Dimensions (WxHxD)	42 x 26.9 x 10.3 in. / 1066 x 682 x 261 mm	47.6 x 30.8 x 10.3 in. / 1210 x 782 x 261 mm	60.2 x 37.1 x 12.2 in. / 1530 x 942 x 311 mm	76.8 x 49.6 x 18.1 in. / 1950 x 1260 x 460 mm
Net Weight (without stand)	45.9 lbs. / 20.8 kg	52.5 lbs. / 23.8 kg	88.2 lbs. / 40 kg	208.3 lbs. / 94.5 kg
Gross Weight (with box)	59.1 lbs. / 26.8 kg	67.9 lbs. / 30.8 kg	111.3 lbs. / 50.5 kg	251.3 lbs. / 114 kg
VESA Hole Configuration	300 x 300 mm (4 holes) 400 x 400 mm (4 holes)			
ENVIRONMENTAL CONDITIONS				
Operating Temperature	41-104°F / 5-40°C *4			
Operating Humidity	20-80%			
ACCESSORIES				
Included	Power cord, Mini D-sub 15 pin cable, Wireless remote control, Batteries, Cable cover, Setup manual, Clamps, Screws, CD-ROM (user manual), Thumbscrew for optional stand *1, Eyebolt *2			
Optional	Stand (ST-4020), Speakers (SP-P4046PV), DVI Daisy Chain Board (SB-L008WU), SBC (NET-SBC-01/NET-SBC-02), Media Player Board (SB-L008KU), HD-SDI Board (SB-L007KK), Slot Adapter (SB-02AM), SBC (N8000-8830 / N8000-8822) *3	Stand (ST-4620), Speakers (SP-P4046PV),Speakers (SP-RM1), DVI Daisy Chain Board (SB-L008WU), SBC (NET-SBC-01/NET-SBC-02), Media Player Board (SB-L008KU), HD-SDI Board (SB-L007KK), Slot Adapter (SB-02AM), SBC (N8000-8830 / N8000-8822) *3	Stand (ST-5220), Speakers (SP-RM1), DVI Daisy Chain Board (SB-L008WU), SBC (NET-SBC-01/NET-SBC-02), Media Player Board (SB-L008KU), HD-SDI Board (SB-L007KK), Slot Adapter (SB-02AM), SBC (N8000-8830 / N8000-8822) *3	Stand (ST-701), Speakers (SP-RM1), DVI Daisy Chain Board (SB-L008WU), SBC (NET-SBC-01/NET-SBC-02), Media Player Board (SB-L008KU), HD-SDI Board (SB-L007KK), Slot Adapter (SB-02AM), SBC (N8000-8830 / N8000-8822) *3

*1 : Excludes P702 *2 : Only for P702 *3:SB-02AM is required *4 : With OPS-SBC installed into P702 @41-95°F / 5-35°C

Dimensions



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WLCD-1203-084D

Large-Screen LCD

Professional Series LCD Public Displays

Reliability for 24/7 operation



40",46",55" and 70" professional-grade, full high-definition LCD displays ideal for 24/7 digital signage applications

Stable and reliable 24/7 operation in full HD

The professional-grade construction of P Series panels contributes to 24/7 usage, an overall longer panel life, lower likelihood of the Mura effect from localized heat, virtually no image retention and the ability to use in landscape or portrait orientation. Thermal protection of the panels starts with an extra thermal layer on the display panels to diffuse heat, followed by multi-fan-based technology specially designed to work in both landscape and portrait modes and be controlled locally or remotely. Internal temperature sensors control self-protective circuits, while special self-diagnostics communicate the status of the thermal characteristics.



The discreet, slim bezel enables the stunning full HD images to become the focus of the display

The screen is equipped with an advanced slim bezel that has been reduced to 15.5 mm. The bezel* is so slim and inconspicuous that it blends in well with the installation environment while highlighting the picture. *On the P402. The P552 and P462 have bezels of 18.5 mm and 16.5 mm, respectively.

Thinner and lighter (excludes P702)

The P462 has a thinness of 103 mm (P461: 140 mm), which is around 2/3 of the previous size. The P462 is also lighter, with a weight of approximately 24 kg (the P461 is approximately 29 kg). In addition to its profile, installability has also been improved for easy setup of multi screen systems.

Ambient light mode adjusts the panel brightness automatically to match ambient light conditions

With this feature the brightness level is adjusted automatically, ensuring perfect brightness at all times avoiding uncomfortable brightness levels and reducing unnecessary power consumption. The ambient light sensor can be programmed by the user to perfectly adjust the sensor performance to the users needs.



A wide array of inputs and built-in speakers provide highly effective transmission

Equipped with DisplayPort, the PC connection interface of the next generation

In addition to HDMI and DVI-D terminals, these displays are equipped with DisplayPort connectors. This PC connection interface standard supports both high-speed signal transmission up to 10.8 Gbps and high resolution display. The sleek single cable can receive both video and audio signals and supports a long signal transmission distance, which is useful for exhibitions and events.

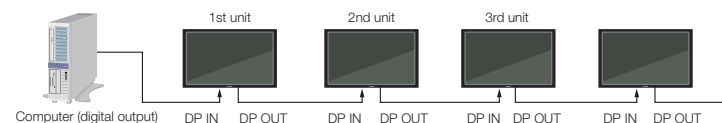
Built-in speakers for multi-media experience

As standard, 10W+10W stereo speakers are built inside the rear cabinet to preserve the elegant profile of the display.



Daisy chain function for digital signal

DisplayPort and DVI-D OUT connectors enable daisy chaining of digital signals, which prevents signal degradation during transmission.



For further information about the number of connectable units via DVI-D and DisplayPort please visit our web site at <http://www.nec-display.com/ap/>



A built-in expansion slot for flexible functionality and installation

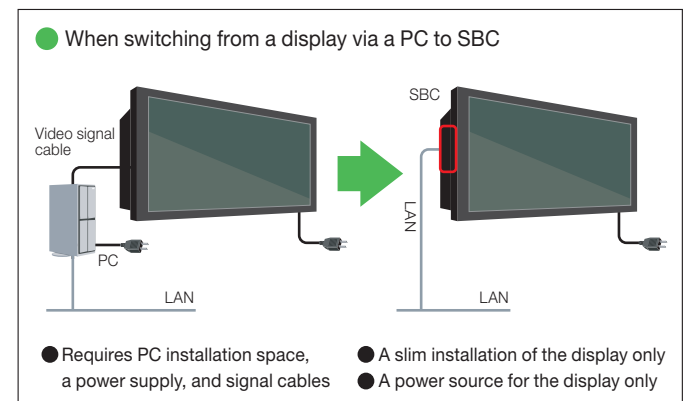
Expansion slot for enhanced functionality






This series comes with an expansion slot, enabling you to expand or add functions to the display. You can integrate an internal board at any time, future proofing your investment.

Flexible installation opportunities

The expansion slot enables you to integrate an internal board, which provides greater flexibility to install displays in locations without space for display devices like computers and display controllers. With a conversion adapter(SB-02AM: option), you can also use OPS*-compliant SBC.

*OPS is a standard set up by Intel Corporation.



● Board	SBC (Single Board Controller)	Slot Adapter	Media Player Board	HD-SDI Board
	 ● NET-SBC-01 (with OS) ● NET-SBC-02 (without OS)	 ● SB-02AM	 ● SB-L008KU	 ● SB-L007KK
	 ● N8000-8830/ N8000-8822 <small>*SB-02AM is required</small>			

High reliability and user-friendly control function for professional use

The P Series boasts the industry's most extensive control, diagnostics and communication features, providing the highest level of remote display management.

- RS-232C enables multi-display control and daisy chain, allowing for individual and group-addressable control, and simple, effective setup and monitoring of the display.
- Ethernet connectivity adds the same RS-232C control plus automatic email notification for diagnostic purposes.
- SNMP function allows users to control and monitor items such as power, brightness and screen mode via network.
- NaViSet™ software offers an intuitive graphical interface, allowing easy adjustment of display settings via mouse and keyboard operations. NaViSet Administrator provides all the advanced control to remotely located IT professionals.
- DDC/CI standard allows PC control of the display based on the VESA command set.

Advanced green technologies provide a lower total cost of ownership

The P Series comes packed with eco-friendly features decreasing energy consumption, lowering your expenses over the lifecycle of the display and contributing to environmental awareness.

- Carbon footprint meter helps track and calculate the conservation of green gas emissions in real time.
- Real-time clock/round-the-clock scheduling allows advanced scheduling of monitor powering up/down, increasing panel lifetime, reducing power consumption and saving the time and expense of finding and purchasing a third-party scheduling solution.
- Cold cathode fluorescent lamp (CCFL) backlighting enables to reduce the power consumption, while increasing the life of the panel and contrast ratio.



Terminals

