

Specifications

MODEL	P402	P462	P551	P701
LCD MODULE				
Viewable Size (Diagonal)	40"	46"	55"	70"
Panel Technology	SPVA			
Native Resolution	1920 x 1080			
Pixel Pitch	0.461mm	0.530mm	0.630mm	0.810mm
Brightness (Typical/Maximum)	500 cd/m ²	² / 650 cd/m ²	500 cd/m ² / 700 cd/m ²	420 cd/m ² / 600 cd/m ²
Contrast Ratio (Typical)	3000:1	3500:1	4000:1	2000:1
Active Screen Area (W x H)	34.9 x 19.6 in. / 885.6 x 498.2mm	40.1 x 22.5 in. / 1018.1 x 572.7mm	47.6 x 26.8 in. / 1209.6 x 680.4mm	61.0 x 34.3 in. / 1549.0 x 871.6mm
CONNECTIVITY				
Input Terminals				
RGB1 (Digital)	DVI-D			
RGB2 (Analog)	Analog 15-pin D-sub			
RGB3 (Analog)	5 BNC (RGBHV)			
RGB4 (Digital)	DisplayPort			
Video 1	Composite (BNC) Composite (Sharing with RCA and BNC		g with RCA and BNC)	
Video 2	S-Video			
Video 3	HDMI			
Component Video 1 (DVD/HD)	Sharing with 5 BNC (RGBHV)		Component (RCA)	
Audio	Audio 1 & 2 (MiniJack), Audio 3 Stereo (RCA), HDMI		Audio 1 (MiniJack), Audio 2 & 3 Stereo (RCA), HDMI, DisplayPort, Internal Speaker: Non	
Output Terminals			·	
RGB (Analog)	No		Yes (5 BNC)	
RGB (Digital)	DVI-D, DisplayPort (w/o audio)			
Video	Yes (BNC)			
Audio	Yes (MiniJack)			
External Control	RS-232C in/out for multiple monitor control, Ethernet, IR, DDC/CI			
Speaker Output				
External Speaker Jack	15W Stereo			
Intermal Speaker	10W	Stereo		-
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), PlP (remote), POP, 6-axis colour adjustment, Multi-level programmable zoom, Scheduler (w/ RTC), Sharpness/softness, Off-timer (countdown), Screen saver, Vacaton switch, 10-bit gamma, AutoBright (signal input), Windows Vista-certified IR, Portrait-capable, Metal rear cabinet, Handles, Touch- and protective screen-ready, Ambient light senser, 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	5.3 A@100-120V 2.2 A@220-240V	9.2 A@100-120V 3.7 A@220-240V
Power Consumption (Typical)	145W	155W	280W	600W
Power Consumption (Standby Mode)	<0.5W		<1W	
PHYSICAL SPECIFICATIONS				
Bezel Width (L/R, T/B)	0.6 in. / 0.6 in.,	0.6 in. / 0.6 in.,	0.73 in. / 0.73 in	2.5 in. / 2.5 in

41.6 x 24.0 x 4.1 in. / 1055.4 x 608.6 x 103.0m

47.6 x 30.8 x 10.3 in. / 1210.0 x 782.0 x 261.0mm

Stand (ST-4620)

Speakers (SP-P4046PV),

Speakers (SP-RM1)

41-104°F / 5-40°C

Power cable, 15-pin D-sub cable, Wireless remote control, Batteries, Cable cover, Setup manual, Clamps, Screws, CD-ROM (user manual), Thumbscrew for optional stand (*1), Eyebolt (*2)

*1 : Excludes P701 *2 : Only for P701

Dimensions (without stand; WxHxD)

Packaging Dimensions (WxHxD)

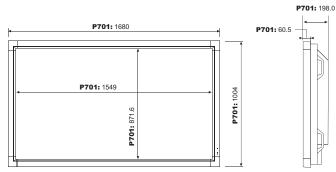
Net Weight (without stand)

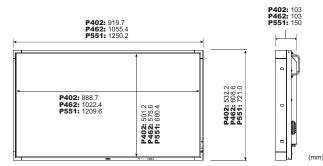
VESA Hole Configuration ENVIRONMENTAL CONDITIONS

Operating Temperatur

Optional

Dimensions





2.5 in. / 2.5 in., 62.4mm / 63.4mm

78 x 49.6 x 22 in. / 1980 x 1260 x 560mm

Stand (ST-701),

Speakers (SP-RM1)

49.2 x 28.4 x 5.9 in. / 1250.2 x 721 x 150mn

60.5 x 37.1 x 13.1 in.

Speakers (SP-RM1)

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All specifications are subject to change without notice.



42.0 x 26.9 x 10.3 in. / 1066.0 x 682.0 x 261.0mm

59.1 lbs. / 26.8 kg

Stand (ST-4020),

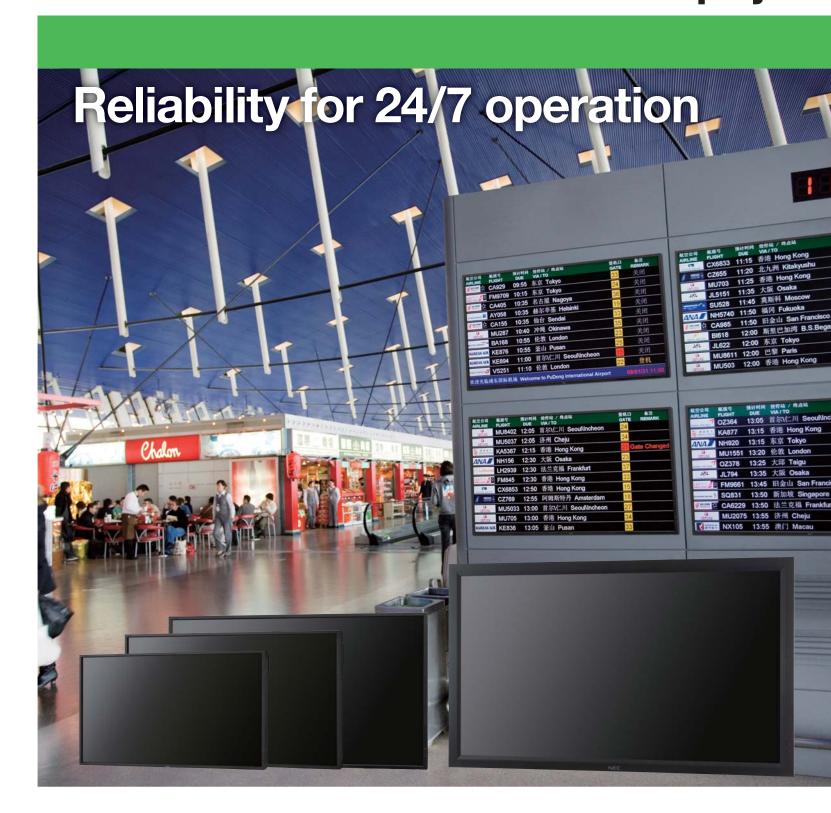
Speakers (SP-P4046PV)





Large-Screen LCD

Professional Series LCD Public Displays



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 localised 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.



With a discreet, slim bezel, the stunning full HD images become the focus of your display (excludes P701)

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 P551 and P462 have bezels of 18.5 mm

Thin and light (P462/P402)

The P462 has a thinness of 103.0 mm (P461: 140.0 mm), which is around 2/3 of the previous size. The P462 is also lighter, with a weight of approximately 24.0 kg (the P461 is approximately 29.0 kg). In addition to its profile, installability has also been improved for easy setup of multi screen systems.

Full HD and 120Hz LCD panel (P551)

Full HD (1920×1080) large LCD panel is employed. It is also compatible with 120Hz, which enables you to enjoy the fast moving images with less image retention.





nventional panel

120Hz LCD panel

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 (P462/P402)

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

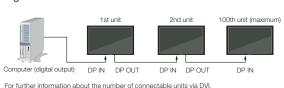


Daisy chain function for digital signal (P462/P402)

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

please visit our web site at http://www.nec-display.com/ac

When using DisplayPort connections for daisy chaining, up to 100 devices can be connected.



A built-in expansion slot for flexible functionality and installation

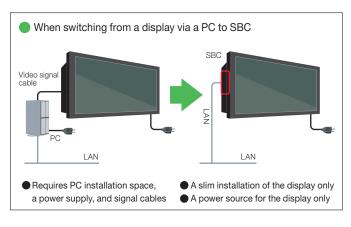
Expansion slot for enhanced functionality

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 (P462/P402)

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)

NET-SBC-01 (with OS) NET-SBC-02 (without OS)



Media Player Board SB-L008KU HD-SDI Board SB-L007KK



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

- 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.

- An ambient light sensor ensures consistent brightness no matter the lighting conditions, while allowing the user to set the brightness level to a pre-determined lower level in order to automatically compensate and reduce the brightness, thereby decreasing power consumption.
- 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

