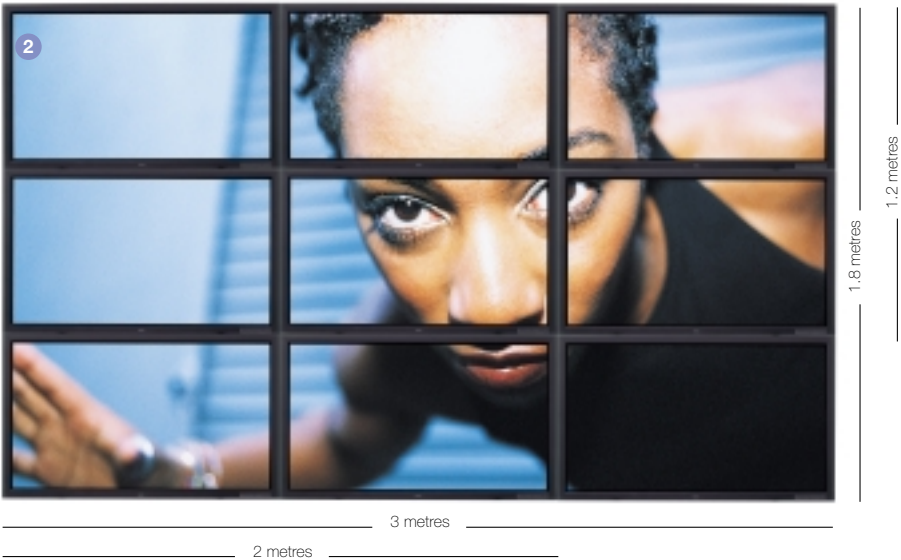


<b>PlasmaSync</b> 42PD3
42-Inch Plasma Screen
Public Display Screens



**Yes, it's possible to remain SLEEK, STYLISH and FLEXIBLE while in PUBLIC.** A host of advances in design and technology make the new PlasmaSync™ 42PD3 more versatile and user-friendly than any of its predecessors. New functions like built-in video wall capability widen the range of possible applications, while new features such as DVI input and tamper-proof controls make it ideal for public use.

**1 Ultra-thin frame enhances the view.** The PlasmaSync™ 42PD3 boasts the industry's smallest frame, a mere 3.25 centimetres wide. Besides minimising visual interference in video wall setups, the narrow frame contributes to the screen's sleek look.



**2 2 X 2 or 3 X 3 video wall systems demands attention.** Combine nine or four PlasmaSync™ 42PD3 screens to create an awesome multiple-screen system. It's a snap thanks to the built-in screen dividing function, which automatically divides the image across four or nine screens and enlarges each image section to fill the screen area.



- Side Terminal
- DIP SW
- RGB3 input (DVI)
- Remote control input/output
- External control input/output (RS-232C open/short)
- Video/S-video input/output
- RGB2 input/output
- RGB1 input/output
- AC Power

**Remote control**  
The remote control comes with a cable for use in locations where wireless use is not possible. In addition, it can be assigned one of 256 ID numbers to avoid signal conflicts when multiple units are used in the same area.

**Note**  
A signal booster or a signal divider is needed to build a nine-multiple display system



**Plasma Engine System (MPE-101N)**  
The Plasma Engine System is a computer unit that fits snugly into a compartment on the back of the monitor. This product, developed by MITAC Inc., offers full-color analog signal output with wide-screen support for plasma monitors.  
**Note:** Recommended third-party product. Please ask your dealer for ordering information.

- 3 **Auto Timer.** A 24-hour, weekly timer automates start up and shut down, and can be set to launch scheduled displays. Use the Auto Timer to automatically run inverse mode or all-white mode when the screen is not in use.
- 4 **Built-in carrying handle.** A built-in carrying handle makes transporting the screen safe and easy. Ideal for rental market.
- 5 **Motion-adapted 3D progressive scan converter delivers high-quality reproduction of moving images.** When converting interlaced signals (the NTSC and PAL standard), conventional progressive signal conversion is insufficient. The problem lies in the inability to precisely distinguish between moving objects and still objects. This results in motion artifacts – jagged images or flitter. To solve this problem, the PlasmaSync™ 42PD3 features a signal processing circuit with a proprietary algorithm that more effectively recognises which pixels represent a moving object and which represent a still object.
- 6 **Stereo Audio Input with Pre-Amp output.** Independent audio input terminals that can be switched automatically as the video source is changed. Volume, mute and balance can be set for each output. Pre-Amp output can then drive an external amplifier with speaker system for a complete professional audio visual public display solution.
- 7 **Advanced cooling system allows flush positioning.** An improved cooling system positions the ventilator in the back, thus eliminating the need to leave gaps between screens. When the units are placed closer together, Video wall setups are possible and, of course, more attractive.
- 8 **DVI input terminal for direct digital RGB input.** The PlasmaSync™ 42PD3 incorporates the industry's first DVI input terminal, enabling direct digital input of RGB signals. This innovation eliminates the need for ultra-fine picture adjustments and delivers clear, high-quality image output with virtually no flicker or jitter. In addition, the DVI cable is thin, and can be extended five metres without any data disturbance.
- 9 **External control input-output (RS-232C).** Connecting the PlasmaSync™ 42PD3 to a PC or other peripherals via the RS-232C terminal enables control from a remote computer of many screen functions, including on/off, input signal switching, screen adjustments such as brightness and control of the multiple-screen setup. In addition, the PlasmaSync™ 42PD3 has a self-diagnostic mode that makes it possible to check the screen through peripherals connected via the RS-232C.
- 10 **Control lock.** Prevents passers-by from tampering with the front panel controls such as the on/off switch.
- 12 **Terminal cover doubles as a handy storage space.** The terminal cover not only protects the connection terminals, but also conceals cabling for a cleaner appearance. It also provides a convenient storage compartment for cables.

## Specifications

<b>Product Code</b>	PX-42VP3 A/G	
<b>Screen Size</b>	921 (H) x 518.4 (V)mm Diagonal 1057mm	36.3 (H) x 20.4 (V) inches 42 inches
<b>Aspect Ratio</b>	16:9	
<b>Resolution</b>	853 (H) x 480 (V) pixels	
<b>Pixel Pitch</b>	1.08 (H) x 1.08 (V) mm	0.04 (H) x 0.04 (V) inches
<b>Colour Reproduction</b>	RGB 256 levels, 16,770,000 colours	
<b>Signals</b>	<b>Synchronisation Range</b> Horizontal: 15.5 to 68.7 kHz (automatic: step scan) Vertical: 46.0 to 85.0 Hz (automatic: step scan)	
<b>Input Terminals</b>	<b>Input Signals</b> RGB/NTSC/PAL/SECAM/HD/DVD	
<b>Output Terminals</b>	<b>RGB</b> Visual 1 (Analog) mini D-sub 15-pin x 1 Visual 2 (Analog) BNC (R, G, B, H/CS V) x 1 Component (Y, Cb, Cr) Visual 3 (Digital) DVI 29-pin x 1 (Not compatible with analog input)	
<b>Current Rating</b>	G: 5A (maximum)	
<b>Power Sources</b>	G: AC100-240 V 50/60 Hz	
<b>Power Consumption</b>	295W (typical)	
<b>Dimensions</b>	998 (W) x 595 (H) x 114 (D) mm 39.3 (W) x 23.5 (H) x 4.5 (D) inches	
<b>Weight</b>	29.0 kg (without stand)	
<b>Front Panel User Controls</b>	Power on/off, Input source select, OSM control	
<b>Remote Control Function</b>	Power on/off, Input source select, OSM control, Visual control, ID select, Wireless/Wired remote control	
<b>Regulations</b>	<b>G:</b> CE Marketing Class A (EN55022, EN61000-3-2, EN61000-3-3, EN55024) meets Low Voltage Directive (EN60950, SEMKO Approved)	
<b>Environmental Considerations</b>	<b>Operation</b> Temperature 0 °C to 40 °C 32 °F to 104 °F Humidity 20 to 80% (no condensation) Altitude 0 to 1900 m 0 to 6230 feet  <b>Storage</b> Temperature -10 °C to 50 °C 14 °F to 122 °F Humidity 10 to 90% (no condensation) Altitude 0 to 3000m 0 to 9840 feet	
<b>Accessories</b>	Remote controller, Remote control, RGB cable (mini D-sub 15-pin to mini D-sub 15-pin connector), Power cord, User's Manual, Dry batteries	
<b>Other Features</b>	Multiple screen, Auto timer, Power management, Plug and play (DDC1, DDC2b, RGB 3: DDC2b only), Built-in retractable stand, Control lock, Long life mode, Colour temperature select, Anti-Burn functions	
<b>Optional Accessories</b>	(Please refer to the Accessories Leaflet)	
<b>Warranty</b>	2 year on-site exchange service with optional Xtra Care for up to 3 years	

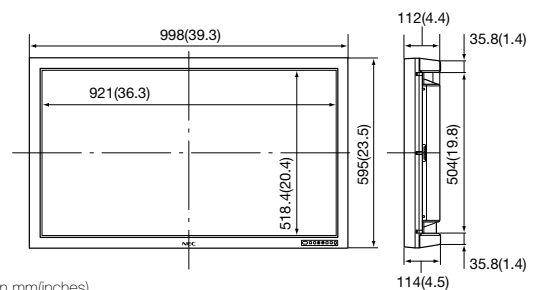
The plasma display panel consists of picture elements (cells). Although NEC produces the plasma display panels with more than 99.99 percent of their cells active, there may be some cells that do not produce light or remain lit after they should have turned off.

Light output of a PDP module gradually decreases over long-term use. Do not display static images for prolonged periods; otherwise, phosphor burn may appear on a part of the panel. Phosphor burn is not covered by the warranty.

As this is a preliminary launch of the PlasmaSync 50 DPI/42PD3, some details of the features and specifications may be subject to change without notice.

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Features and specifications subject to change without prior notice.



Units are in mm(inches)