

PlasmaSync™ 42VP4
42-inch Plasma Screen
Professional Display Screens



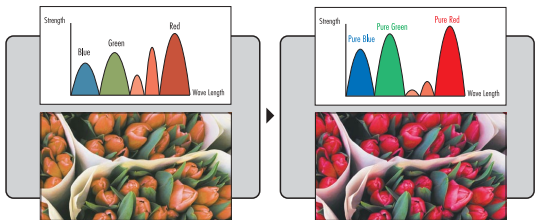
PlasmaSync™ 42VP4D



PlasmaSync™ 42VP4 with attachable speakers



PlasmaSync™ 42VP4S



The New NEC PlasmaSync™ 42VP4 combines both public and multimedia functions under a new platform enabling business, and professional users to meet most of their visual communication needs.

NEC PlasmaSync™ 42VP4D Public Display Screen

Designed for public space display in corporate facilities, retail shops, leisure and public events such as exhibitions.

*Public Display Benefits**

- Anti-glare filter to enhance screen brightness in bright public spaces
- New slim bezel design with clean aesthetics
- 2 x 2 or 3 x 3 built-in high impact video wall system
- Programmable timer for automated 365-day, 24-hour operation
- Video and PC graphics signal loop through
- Portrait display for poster style display
- Customized coloured bezel options

NEC PlasmaSync™ 42VP4 and 42VP4S Multimedia Display Screens

Designed for corporate and professional users in mind, these models are for use in meeting rooms, training, video conferencing, broadcast studios, and Home Cinema.

*Multimedia Display Benefits**

- Polished glass screen for sharp image focus
- Connect up to 7 professional PC and video sources
- Presentation pointer and 9 x digital zoom
- Windows plug and play for ease of use with PCs
- Fanless cooling
- Attachable speaker option
- Silver version 42VP4GS for domestic installations

* Note all versions of 42VP4 share both multimedia and public display user functions

1 Capsulated Colour Filter (CCF™) and AccuCrimson Technology for true to life colour

NEC's special and unique optical colour corrected plasma panel ensures the most vivid, clear and consistent colours are reproduced for all types of video and graphics content, faithfully reproducing your corporate logos, video, and DVD films.

2 New All Digital AccuDevice with Mass Area Sampling Technology

NEC's new AccuDevice chip set, and Mass Area Sampling Technology smooths jagged lines, corrects colour bleed, reduces video noise and other video artefacts to create smooth stable colour images and text that is easy to read.

3 New Gamma-12 presents you with excellent dark scene detail

Industry leading 12 Bit video processing now enables the 42VP4 to resolve 4096 shades of grey, more than any other plasma in the market, significantly improving dark scene picture detail and overall picture quality.

4 Other Features

NEC PlasmaSync 42VP4 series also features 4 modes of colour temperature settings, 3 modes of picture Gamma settings. 6 modes for phosphor burn reduction including brightness lock, screen wiper, reverse colours, Orbiter, white and active grey border adjustment when 4:3 pictures are displayed.

Specifications

Product Name and Codes	PlasmaSync 42VP4DG (PX-42VP4DG) Public Display Monitor PlasmaSync 42VP4G (PX-42VP4G) Multimedia Monitor PlasmaSync 42VP4G/S (FX-42VP4G/S) Silver Multimedia Monitor	
Screen Size	921(H) x 518(V)mm Diagonal 1055mm	36.3(H) x 20.4(V)inches 42 inches
Aspect Ratio	16:9	
Resolution	853 (H) x 480 (V) pixels	
Pixel Pitch	1.08 (H) x 1.08 (V) mm	0.04(H) x 0.04 (V) inches
Signals	Synchronisation Range Horizontal: 15.5 to 110 kHz (automatic step scan) Vertical: 50.0 to 120.0 Hz (automatic: step scan)	
Input Terminals	Input signals RGB(VGA, SVGA, XGA, SXGA, UXGA / W-VGA, W-XGA) / NTSC (3.58/4.43) / PAL (B, G, M, N) / PAL60 / SECAM / HD / DVD / DTV	
	RGB	
	RGB 1 (Analog)	mini D-sub 15-pin x 1 (Share with RGB1 output, selectable)
	RGB 2 (Analog)	5BNC x 1 (Y/Pb/Cr) / Pr(Cr) input of 5BNC and common use, selectable)
	RGB 3 (Digital)	(Digital) DVI-D 24-pin x 1 (Not compatible with analog input)
	Video	
	Video 1	BNC x 1 (Share with Video1 output, Selectable)
	Visual 2	RCA-pin x 1
	Visual 3	S-Video:DIN 4pin x 1
	HD/DVD/DTV/HDTV	
	HD/DVD/1	RCA-pin (Y, Pb/Cb), Pr(Cr) x 1
	DTV 2	RCA-pin (Y, Pb/Cb), Pr(Cr) x 1
	Audio	Stereo RCA x 3 (selectable)
	External Control	D-sub 9-pin x 1 (RS-232C)
	Wired Remote	3P plug
Output Terminals	Wired Remote	3P plug
	Video Visual	BNC x 1 (Share with Video1 input, selectable)
	RGB or Y/Pb/Cb/Pr(Cr) (Visual)* mini D-sub 15-pin x 1 (Share with RGB1 input, Selectable) *In the case of Video wall, loop through can be used for less than four plasma monitors. For keeping high picture quality, signal dividing distributor is recommended	

Audio Output Power	Speaker	8W+8W(6Ω)
Current Rating	4.5A (maximum)	
Power Sources	AC 100 to 240V 50/60 Hz	
Power Consumption	270Watts (typical)	1.2Watts (standby)
Dimensions	1018 (W) x 610 (H) x 89 (D) mm (without stand) 40.1 (W) x 24.0 (H) x 3.5 (D) inches (without stand) 1018 (W) x 675 (H) x 400 (D) mm (with stand) 40.1 (W) x 26.6 (H) x 15.8 (D) inches (with stand)	
Weight	28.5kg (without stand) 30.5kg (with stand)	62.8lbs (without stand) 67.2lbs (with stand)
Front Panel User Controls	Power SW on/off, input select SW (Exit), Volume (up/down), Menu/Enter, left, right	
Remote Control Functions	Power (ON / OFF), Input Select (Video/DVD/HD,RGB/PC), Volume (Up /Down), Mute, Wide, Display, Off Timer, Menu/Enter, Exit, Cursor (Up, Down, Left, Right), Pointer, Zoom (Up/Down), Auto Adjust, ID Select, Clear	
OSM Functions	Picture (Contrast/Brightness/Sharpness/Colour/Tint/Colour temperature/White Balance/Picture Mode/Noise Reduction (NR)/Gamma/Low tone/Colour Tune), Audio (Bass/Treble/Balance/Audio input), Image adjust (V-Position/H-Position/V-Height/H-Width/Fine Picture/Picture adjustment/Auto Picture (ON/OFF)/Aspect Mode), Option1 (OSM/BNC input/D-sub input/RGB select/HD select/Input skip/All reset), Option2(Power management (ON/OFF/Cinema Mode/Longlife/Grey level), Option3 (Timer/Power on Mode/Control lock/IR remote/Loop out (ON/OFF)/ID number/Video wall), Advanced OSM, Language(*), Colour system, Source info (* English, German, French, Italian, Spanish, Swedish, Chinese (simple only)	
Regulations	G: Meets Class A Requirements (EN55022, EN61000-3-2, EN61000-3-3, EN55024) Meets Low Voltage Directive (EN60950, SEMKO Approved) Meets AS/NZS 3548 Class A	
Environmental Considerations	Operation	Temperature 0 to 40°C 32 to 104°F Humidity 20 to 80% (no condensation) Altitude 0 to 2800 m 0 to 9180 feet
	Storage	Temperature -10 to 50°C 14 to 122°F Humidity 10 to 90% (no condensation) Altitude 0 to 3000m 0 to 9840 feet
Accessories	Remote controller with two AAA batteries, power code, user's manual, safety metal fittings, screw for safety metal fittings, ferrite cores, bands, cable clamps	
Other Features	Motion compensated 3D Scan Converter (NTSC, PAL, 480i, 576i, 525i, 625i, 1035i, 1080i), 2-3 pull down Converter (NTSC, 480i, 525i, 1035i, 1080i), 2-2 pull down Converter (PAL, 576i, 625i,NTSC, 480i, 525i), Digital Zoom Function (100-900% Selectable), Video Wall-2x2/3x3 multi screen, Self Diagnosis, Anti Image Burn (PLE LOCK1-3, Inverse, White, Orbiter (Auto 1.2/Manual), Screen Wiper), Colour Temperature select (high/mid/low, user has 4 memories), Control lock (Except power SW), Auto Picture, Input Skip, Colour Tune, Low Tone (3 mode), Auto ID, Programmable Timer, Gamma Correction (4 models)	
Warranty	2 year on-site exchange service. Optional Xtra Care for up to 3 years	

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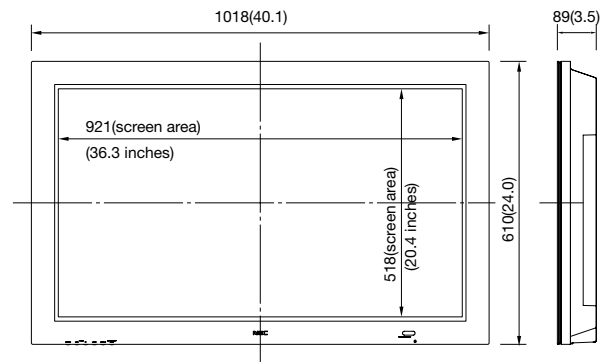
The plasma display panel consists of fine picture elements (cells). Although NEC produces these plasma display panels with more than 99.99 per cent of their cells active, there may be some cells that do not produce light or remain lit after they should have turned off.

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™ 42MP4, some details of the features and specifications may be subject to change without notice.

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Units are in mm (inches)