

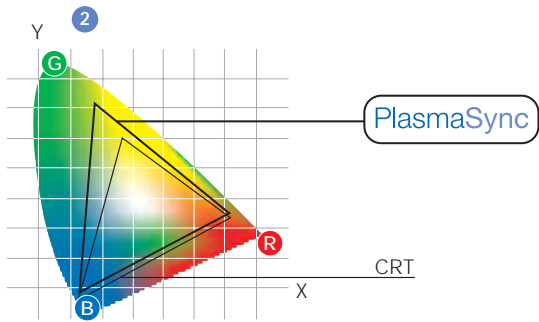
PlasmaSync™ 50MP2
 50-Inch Plasma Screen
 Multimedia Display Screens



Reach a wider audience. Dazzle them, delight them, impress them. The PlasmaSync™ 50MP2 is the best way yet to reach an audience and hold their attention. Its flat 50-inch display is not only impressively large, its images are stunningly beautiful. But that's not all this advanced screen has to offer.



1 Presentations are doubly effective with video and computer images together. Now, for the first time in a plasma screen, you can simultaneously display video and computer images. Multi-screen operations let you show a video accompanied by data from a PC screen – or even view websites as the presentation proceeds. Display products with explanations about their use, or sales data with comments by the marketing team. Previously, video and computer images couldn't be displayed together because of their different refresh rates, but NEC solved the problem by developing a new multi-rate processing LSI. *A screen ratio of 4:3 and 16:9 may be selected for both PC and video sources, depending upon resolution and software.

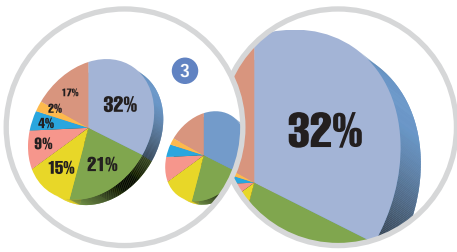


2 Capsulated Colour Filter technology for True-to-life Colour and Contrast. A key to the PlasmaSync™ 50MP2's performance is NEC's exclusive Capsulated Colour Filter (CCF) technology. CCF employs embedded colour filters in each pixel to remove the orange colour emitted by the neon gas and to optimize the colour spectrum and decrease screen reflection. The results are true-to-life colours and enhanced contrast. In addition, because the PlasmaSync™ 50MP2 achieves "true colour balance" – the correct balance of red, green and blue – it is able to reproduce pure white tones.

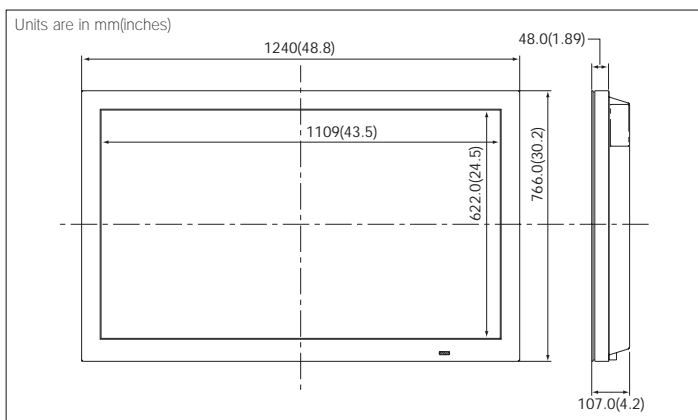
- Right Terminal
- Video 1,2,3
- Audio 1
- DVD/HD1
- Audio 2
- RGB 1
- RGB2/DVD2/HD2
- Audio 3
- RGB 3 (DVI 29-pin)
- Control Lock
- Remote Control
- External Control



Remote control



- 3 Digital Zoom gives your audience a closer look.** The Digital Zoom function lets you make any part of the image being displayed up to nine times bigger, in 16 steps. This can be done with any type of input signal and with a wide range of resolutions. You can blow up small details, emphasise key points, accentuate positive parts of a report and make any presentation look more dramatic.
- 4 One million square pixels for extraordinary precision and resolution.** The PlasmaSync™ 50MP1 screen is composed of more than one million tiny pixels. Its 0.81 x 0.81 pixel pitch results in an extremely dense pixel grid: 1,365 x 768, or 1,048,320 pixels. This density provides excellent clarity and crispness, and in addition, the pixels are square, for even greater precision with virtually no distortion.
- 5 Powerful DSP LSI boosts picture quality.** NEC developed a DSP LSI for this screen that uses a large 64MB memory to more than double interface processing capacity, so all video input interlace image signals are progressive.* This enables sharp reproduction of images free from flickering, not only of digital satellite broadcasts, but even of data-transmitted fine text information. The 2-3 pull-down function used on previous models has been upgraded, permitting compatibility with both 480i and 1080i signals, for even higher picture quality with digital HDTV broadcasts. * Single screen display only.
- 6 Digital RGB signal input for high quality.** You can connect the 50MP2 to a computer via the DVI connector for direct input of digital RGB signals.
- 7 Designed with consideration for the environment.** Two noteworthy features are the use of a non-combustible PC/HIPS alloy rather than the previous halogen type, and a water-base paint with low levels of organic solvent instead of ordinary paint.



Specifications

Product Code	PX-50VM2 A/G	
Screen Size	1106 (H) x 622 (V)mm Diagonal 1270mm	43.5 (H) x 24.5 (V) inches Diagonal 50 inches
Aspect Ratio	16:9	
Resolution	1365 (H) x 768 (V) pixels	
Pixel Pitch	0.81 (H) x 0.81 (V) mm	0.032 (H) x 0.032 (V) inches
Colour Reproductions	256 levels, 16,770,000 colours	
Signals	Synchronisation Range Horizontal: 15.5 to 93.8 kHz (automatic: step scan) Vertical: 50.0 to 120.0 Hz (automatic: step scan)	
Input Terminals	Input Signals RGB/NTSC (3.58/4.43)/PAL (B, G, M, N)/PAL60/SECAM/HD*/DVD*/DTV*	
	RGB Visual 1 (Analog) Mini D-sub 15-pin x 1 Visual 2 (Analog) BNC** (R, G, B, H/CS, V) x 1 Visual 3 (Digital) DVI-I 29-pin x 1 *** (Not compatible with analog input)	
	Video Visual 1 RCA-pin x 1 Visual 2 BNC x 1 Visual 3 S2-Video: DIN 4-pin x 1	
	HD/DVD/DTV/HDTV Visual 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)	
Output Terminals	Speaker 7 W + 7 W (6Ω)	
Current Rating	G: 6.5 A (maximum)	
Power Sources	G: AC100 to 240 V 50/60 Hz	
Power Consumption	480 W (typical)	
Dimensions	1240 (W) x 766 (H) x 107 (D) mm (without stand) 48.8 (W) x 30.2 (H) x 4.2 (D) inches (without stand) 1240 (W) x 826 (H) x 400 (D) mm (with stand) 48.8 (W) x 32.5 (H) x 15.8 (D) inches (with stand)	
Weight	46.0 kg (without stand) 101.4 lbs. (without stand) 55.1 kg (with stand) 121.5 lbs. (with stand)	
Front Panel Controls	Power on/off, Input source select, Volume up/down, OSM control	
Remote Control Function	Power on/off, Input source select, ISM control, Volume up/down, Cursor (UP, DOWN, LEFT, RIGHT), mute, Wide, Display Pointer, Zoom up/down, Off timer, MULTI, Auto adjust, Select, Wireless/Wired remote control	
OSM Functions	Picture (Contrast/Brightness/Sharpness/Colour/Tint/Colour temperature/Picture mode/Noise Reduction (NR)), Sound (Bass/Treble/Balance), Screen (V-Position/H-Position/V-Height/H-Width/Fine picture/Picture adjustment/Auto Picture), Function (OSM/OSM adjustment/Power management/RGB3 adj, Gray level/Cinema mode/Long life (PLE, Orbiter, Inverse/Reset), Option (Audio input/BNC select/ RGB select/HD select/Picture size), information (Frequency/Language (*)/Colour System) (* English, German, French, Italian, Spanish, Swedish, Japanese)	
Regulations	G: Meets class A requirements (EN55022, EN61000-3-2, FN61000-3-3, EN55024) Meets Low Voltage Directive (EN60950, SEMKO Approved) Meets AS/NZS 3548 Class A	
Environmental Considerations	Operation Temperature 0°C to 35°C 32°F to 95°F Humidity 20 to 80% (no condensation) Storage Temperature -10°C to 50°C 14°F to 122°F Humidity 10 to 90% (no condensation)	
Accessories	Remote controller with two AAA batteries, Wired remote cable, Adapter for Macintosh, RGB cable (mini D-sub 15-pin to mini D-sub 15-pin connector), Power cord, User's manual, Safety metal fitting, Screw for safety metal fitting, Ferrite core, Bands	
Other Features	MULTI SCREEN operations, Digital Zoom function (100-900% Selectable), 3D motion adaptive scan converter (with 2-3 pull down Converter), Self diagnosis, Anti image burn, Colour temperature select, Control lock, Power management, Plug and play (DDC1, DDC2b)	
Warranty	2 year on-site exchange service with optional Xtra Care for up to 3 years	

* HD/DVD/DTV input signals supported on this system: 480P (60Hz) 480i (60Hz) 525P (60Hz) 525i (60Hz) 625P (50Hz) 625i (50Hz) 720P (60Hz) 1035i (60Hz) 1080i (60Hz)

** The 5BNC terminal accepts both RGB input and component input, thus offering RGB2 and HD/DVD2 capability.

*** It doesn't operate with copy protection.

Features and specifications subject to change without notice.

The plasma display panel consists of fine picture elements (cells). Although NEC produces these 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.

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