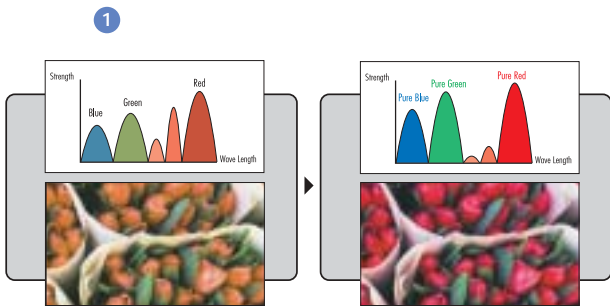
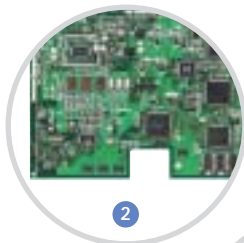




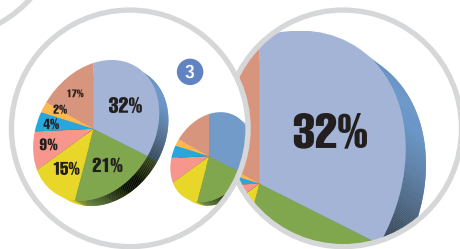
**The countdown to the next era of multimedia presentations is over.** Introducing the PlasmaSync™ 42MP3. Lighter, quieter, sharper, brighter, more vivid, with advances that expand compatibility and connectivity. From forward-thinking boardrooms to broadcast studios where cinema-quality motion picture is essential, the PlasmaSync™ 42MP3 sets a new benchmark for impressive presentation.



**1 Capsulated Colour Filter and AccuCrimson technology for True to life Colour and Contrast.** A key to the PlasmaSync™ 42MP3 visual performance is NEC exclusive Capsulated Colour Filter (CCF) and the new AccuCrimson filter to further reduce the orange colour emitted from phosphor to achieve an overall improvement in colour balance and contrast.



**2 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™ 42MP3 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.



**3 No Fan Cooling.** For ultra quiet, 0dB operation the PlasmaSync™ 42MP3 features a new chasis layout and PDP panel offering improved power efficiency and cooling.



- 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**

\* DVD/HD/DTV input signals supported on this system:  
 480P (60Hz) 480i (60Hz) 720P (60Hz) 1080i (60Hz)  
 \*\* Works only when the DVD has a component output.  
 May require use of the Video/S-Video terminal depending on the type of DVD



**4 Digital zoom ensures a wide range of viewing options.**

Delivering more power to presentations, Digital Zoom enables any part of an image to be enlarged in 16 steps up to nine times the original size. An advanced conversion processing circuit ensures compatibility with a wide range of resolutions. So, even finely detailed charts and diagrams appear sharp in 9x zoom.

**5 Cinema mode for a genuine film experience.** Watching DVD movies on the PlasmaSync™ 42MP3 resembles a true theatre experience. DVD players, which convert film source signals from 24 frames per second to 30 frames per second, provide sharp, smooth image reproduction, but not always reproduction that's true to the original film. With Cinema Mode\*, the PlasmaSync™ 42MP3 uses a process called 2-3 pull-down to recognise film source signals from a DVD player. It then employs an exclusive progressive scanning conversion process to reproduce the information clearly, vividly and faithfully to the original film. \* Operates with the NTSC and PAL60.

**6 Digital RGB input is a simple connection away.** Connecting the PlasmaSync™ to a computer through the built-in DVI connector allows direct digital input of RGB signals.

**7 Thinking environmentally.** On the 42MP3, two new earth-friendly features stand out. Non-combustible PC/HIS alloy replaces the halogen previously used in the front panel of the screen. And a water-base paint with low levels of organic solvent was used instead of ordinary paints.

# Specifications

<b>Product Code</b>	PX-42VM3 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>	256 levels, 16,770,000 colors	
<b>Signals</b>	<b>Synchronisation Range</b> Horizontal: 15.5 to 93.8 kHz (automatic step scan) Vertical: 50.0 to 120.0 Hz (automatic: step scan)	
<b>Input 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 Visual 3 (Digital) DVI-I 29-pin**** x 1 (Not compatible with analog input)	
	<b>Video</b> Visual 1 RCA-pin x 1 Visual 2 BNC x 1 Visual 3 S-Video: DIN 4pin x 1	
	<b>HD/DVD/DTV/HDTV</b> 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)	
<b>Output Terminals</b>	Speaker	7 W + 7 W (6 Ω)
<b>Current Rating</b>	G: 4.6A (maximum)	
<b>Power Sources</b>	G: AC100 to 240 V 50/60 Hz	
<b>Power Consumption</b>	280 W (typical)	
<b>Dimensions</b>	1048 (W) x 648 (H) x 89 (D) mm (without stand) 41.3 (W) x 25.5 (H) x 3.5 (D) inches (without stand) 1048 (W) x 708 (H) x 360 (D) mm (with stand) 41.3 (W) x 27.9 (H) x 14.2 (D) inches (with stand)	
<b>Weight</b>	28.5kg (without stand) 33.5kg (with stand)	
<b>Front Panel User Controls</b>	Power on/off, Input source select, Volume up/down, OSM control	
<b>Remote Control Functions</b>	Power on/off, Input source select, OSM control, Volume up/down, Cursor (UP, DOWN, LEFT, RIGHT), Pointer, Zoom up/down, Off timer, Wireless/Wired remote control	
<b>Regulations</b>	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	
<b>Environmental Considerations</b>	<b>Operation</b> Temperature 0 to 40 °C 32 to 104 °F Humidity 20 to 80% (no condensation) Altitude 0 to 1900 m 0 to 6230 feet	
	<b>Storage</b> Temperature -10 to 50 °C 14 to 122 °F Humidity 10 to 90% (no condensation) Altitude 0 to 3000m 0 to 9840 feet	
	<b>Fan Noise</b> 0dB (no fan)	
<b>Accessories</b>	Remote controller with two AAA batteries, Wired remote cable, 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	
<b>Other features</b>	Motion-adapted 3D Progressive Scan Converter (with 2-3 pull down converter), Digital Zoom function (100 to 900 % Selectable), Self Diagnosis, Long Life Mode, Colour Temperature Select, Control Lock, Power management, Plug and play (DDC1, DDC2b, RGB3: DDC2b only) Anti-Burn functions	
<b>Warranty</b>	2 year on-site exchange service with optional Xtra Care for up to 3 years	

\* SVGA, XGA, SXGA: This model automatically converts these signals to VGA with no loss of information.  
 \*\* HD/DVD/DTV input signals supported on this system: 480P (60Hz) 480i (60Hz) 720P (60Hz) 1080i (60Hz)  
 \*\*\* The 5BNC terminal accepts both RGB input and component input, thus offering RGB2 and HD/DVD2 capability.  
 \*\*\*\* Not compatible with Copy Protection.  
 Note: One pixel comprises three cells that produce, respectively, red, blue and green colour.  
 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.  
 As this is a preliminary launch of the PlasmaSync™ 42MP3, some details of the features and specifications may be subject to change without notice.  
 PlasmaSync™ and OSM are trademarks of NEC Corporation. Macintosh is a registered trademark of Apple Computer, Inc. IBM PC/AT and VGA are registered trademarks of International Business Machines, Inc.  
 Features and specifications subject to change without prior notice.

