



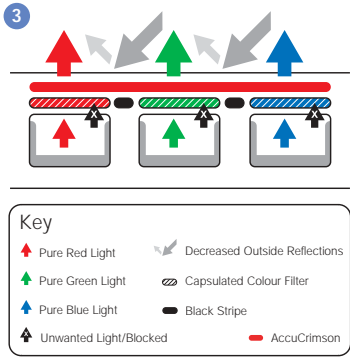
Whichever way you look at it, the PlasmaSync™ 61MP1 makes quite an impression. At 61 inches it not only stands out as an industry first for large-sized plasma screens, it also produces images that are as powerful as they are beautiful. Behind its incredibly sharp detail and vivid colour reproduction is the 61MP1's awesome 1,365 x 768 pixel resolution.



1 At 61 inches, the PlasmaSync™ screen commands attention wherever it goes. Nothing is as effective as a bright, sharp 61-inch PlasmaSync™ screen when you need to make an impact. Its large-sized display guarantees that your impact will be big, and its thin shape and versatile mounting options mean it can be used virtually anywhere.

2 Presentations are doubly effective with video and computer images together. Now, 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 the different refresh rates, but NEC solved the problem by developing a multi-rate processing LSI. Multi-screen operations are a brilliant way to take full advantage of the wide 61-inch screen – and to reach your audience with even greater impact. *A screen ratio of 4:3 and 16:19 may be selected for both PC and video sources, depending upon resolution and software.

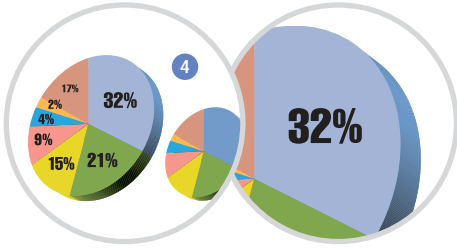
Multi screen
Side by Side



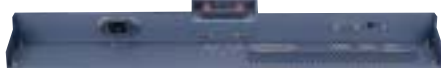
- Right Terminal
- Video 1,2,3
 - Audio 1
 - DVD/HD1
 - Audio 2
 - RGB 1
 - RGB2/DVD2/HD2
 - Audio 3
 - RGB 3 (DVI 29-pin)



Remote control



- Bottom Terminal
- Speaker Output
 - External Control Output (RS-232C)
 - Remote Control Jack
 - Control Lock



890.0(35.0)



119.0(4.7)

3 Combining exclusive technologies for optimum colour and contrast.

The key to 61MP1's performance is its combination of exclusive NEC technologies, Capsulated Colour Filter (CCF), Black Stripe, and the newly launched, AccuCrimson, to present images never seen before on a large-sized display. CCF, which employs embedded colour filters in each pixel, removes the orange colour emitted by the neon gas to optimize the colour spectrum and decrease screen reflection. The introduction of AccuCrimson exclusively for the 61MP1, overcomes the tendency for red to turn to vermilion in conventional models. By introducing an AccuCrimson layer over the CCF, the 61MP1 is able to reproduce pure red tones as well as assist in an overall improvement in colour balance and contrast.

4 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.

5 Digital RGB signal input for high quality.

You can connect the 61MP1 to a computer via the DVI connector for direct input of the digital RGB signals. This ensures that high-quality images are virtually free of jitter and distortion with no need for clock phase adjustment.

6 Industry first magnesium die-casting technology reduces weight and noise.

PlasmaSync™ 61MP1 employs industry first magnesium die-casting technology. Thanks to a magnesium-alloy chassis, it is an impressively lightweight 61kg (134.5 lbs) and strong for a large-sized screen, which makes it remarkably flexible when it comes to installation. The 61MP1 also features an efficient new cooling system developed from extensive air intake and airflow testing. This new cooling system doesn't produce those annoying interruptions by cooling fans activating during presentations in meeting rooms and mini theatres. In fact, the 61MP1 boasts the industry's lowest noise level for screens with fans at 22dBA*. *As of June 2001

Specifications

| | | |
|-------------------------------------|---|------------------------------|
| Product Code | PX-61XM1 A/G | |
| Screen Size | 1351 (H) x 760 (V) mm Diagonal 1550 mm diagonal 61-inches | 53.2 (H) x 29.9 (V) inches |
| Aspect Ratio | 16:9 | |
| Resolution | 1365 (H) x 768 (V) pixels | |
| Pixel Pitch | 0.99 (H) x 0.99 (V) mm | 0.039 (H) x 0.039 (V) inches |
| Colour Reproduction | 256 levels, 16,770,000 colours | |
| Signals | Synchronisation Range Horizontal: 15.5 to 93.8 kHz (automatic step scan) Vertical: 50.0 to 120.0Hz (automatic step scan) | |
| Input Terminals | Input Signals RGB/INTSC(3.5814.43)PAL(B,G,M,N) PAL60/SECAM/HD*1/DVD*1/DTV*1 | |
| | RGB Visual 1 (Analog) mini D-sub 15-pin x1 Visual 2 (Analog) BNC*2 (R, G, B, H/CS,V) x1 Visual 3 (Digital) DV1-1 29-pin x1*3 (Not compatible with analog input) | |
| | Video Visual 1 RCA-pin x1 Visual 2 BNC x1 Visual 3 S-Video: DIN 4pin x1 | |
| | HD/DVD/DTV/HDTV Visual RCA-pin (Y, Pb(Cb), Pr(Cr)) x1 Audio Stereo RCA x3 (selectable) External Control D-sub 9-pin x1 (RS-232C) | |
| Output Terminals | Speaker | 7W+7W (6Ω) |
| Current Rating | G: 8.0A (maximum) | |
| Power Sources | G: AC100 to 240V 50/60Hz | |
| Power Consumption | 660W (typical) | |
| Dimensions | 1480 (W) x 890 (H) x 119 (D)mm 58.3 (W) x 35.0 (H) x 4.7 (D) inches | |
| Weight | 61.0 kg | 134.5 lbs |
| Front Panel User Controls | Power on/off, Input source select, Volume up/down, OSM control | |
| Remote Control Function | 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 | |
| OSM Function | 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) Grey levels/Cinema mode/Long life (PLE, Orbitor, 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, EN61000-3-3, EN55024) Meets Low Voltage Directive (EN60950, SEMKO Approved) Meets AS/INZS 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, Adaptor for Macintosh, RGB cable (mini D-sub 15-pin to min D-sub 15-pin connector), Power cord, User's Manual, Safety metal fitting, Screw for safety metal fitting, Ferrite core, bands | |
| Other Features | 3D motion adaptive Scan Converter (with 2-3 pull down Converter), Digital Zoom function (100-300% Selectable) (Tentative), Self Diagnosis, Anti Image Burn, Colour Temperature Select Control Lock, Power management, Plug and play (DDC1, DDC2b), MULTISCREEN operation | |
| Warranty | 2 year on-site exchange service with optional Xtra Care for up to 3 years | |

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

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

*** 3 Not compatible with Copy Protection.

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.

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.

