



Crystal Clear Panel
This technology enhances the image expression and power saving performances by bringing out more detail in dark scenes and improved panel efficiency for the plasma.



Bonded Colour Filter
The filter lowers the deterioration of focus quality arising from multiple reflections that often occur between the front filter glass and the plasma panel, and will reduce the overall ambient light reflection rate and enhances colour reproduction.



Crystal Clear Driving
This new process will reduce false contouring on images and gives an overall advantage of higher luminance.



Capsulated Colour Filter
By employing NEC's unique CCF technology, vivid colours are reproduced and a pure white colour is expressed to reduce screen deflection.



Enhanced Motion Adaptive 3D Scan
This is a new processing method, which results in more intricate detail on moving images.



Enhanced Mass Area Superior Sampling
This feature helps to reproduce more accurately acute diagonal lines, thus showing smoother contours on problematic lower degree angles of an image.



Multi-Field Noise Reduction
This will reduce picture noise differences between adjacent fields, with the Algorithm delivering both Inter-Field and Intra-Field Noise reduction - ensuring clear, crisp images.



Advanced Edge Correction
Enormous picture improvements have been made due to this feature, by reducing edge jaggedness with smoother edges on all image objects - the result is a more natural reproduction of pictures. Results are best realized when the camera zooms in for a close up on objects such as jewellery on shopping channels.



Enhanced Split Screen
Picture-in-Picture, Side-by-Side, Sub-Picture Detect, Fade, Transparency, Zoom Navigation and Picture Freeze on all inputs.



Variable Sub Picture Transparency Levels
This function allows you to fade the sub picture background to 4 levels (100, 90, 50, and 20%).



Sub Picture Fade
Gradually fades Sub Picture in/out of Main Picture



Zoom Navigation
100 - 900% selectable, now available on all inputs.



Fluid Orbiter
Advanced Fluid Orbiter is a much improved screen saver which moves more seamlessly eliminating sudden jumps and therefore is unnoticeable. The screensaver is necessary when a static image is displayed for a long period of time, as this will eliminate any colour changes to the image.



Precision Sound
High Quality Digital to Analogue Converter for faithful reproduction in the analogue domain.



HD Compatible
High-definition video is supported.



HDMI
HDMI (High-Definition Multimedia Interface), supports standard, enhanced, or high-definition video, plus multichannel digital audio (8 Channels) over a single cable with bandwidth to spare to accommodate future enhancements.



PC RGB INPUT
The PlasmaSync can be connected to a PC. By connecting your home PC to the PlasmaSync, you can display screen images and other video images on the PC or enjoy net surfing as well.



Audio Input x 3 [L+R]
Used to transfer analogue audio from non Digital sources such as VCR's and non HD satellite receivers to your plasma screen.



Audio Output
Designed to acoustically enhance dynamic range and listening pleasure, provides either: 2 x 8+8W or 2 x 9+9W output.



The PlasmaSync Digital Theatre range:

42VR5H **42XR4** **50XR5** **61XR4**

It all starts with a vision...

In 1899, the Nippon Electric Company (NEC) was formed with a vision of innovation and service, which NEC continues to forge its solid reputation on around the globe. Today, NEC Plasma screens are renowned in the professional industry for unrivalled brightness, vivid colours, innovative technology, outstanding quality and faultless reliability.

This reputation for excellence in the professional arena is the foundation for the brand new PlasmaSync Digital Theatre range, NEC's first range designed specifically for the home environment. The range comes in three sizes 42", 50" and an amazing 61" - which means there is a size to fit every type of room! The range also incorporates many astounding professional technology features ensuring supreme picture performance

every time, they are also compatible with HD (High Definition).

The NEC PlasmaSync Digital Theatre range has been designed to enhance and complement any room or area in the modern living space. Its slim, stylish and timeless form can be as discreet or as obvious as you desire in the environment - but will ultimately command attention and become integral to its surroundings!

Transforming and igniting imagination, the NEC PlasmaSync Digital Theatre range carries the outside world in, colour expression is captured as real and vivid as the flower just picked or the breathtaking landscape seen from the mountain just climbed. It opens a window to another world within your own space, bringing to life every image and nourishing the imagination!

If you're going to have a window on the world, make it a big one. Make it NEC.

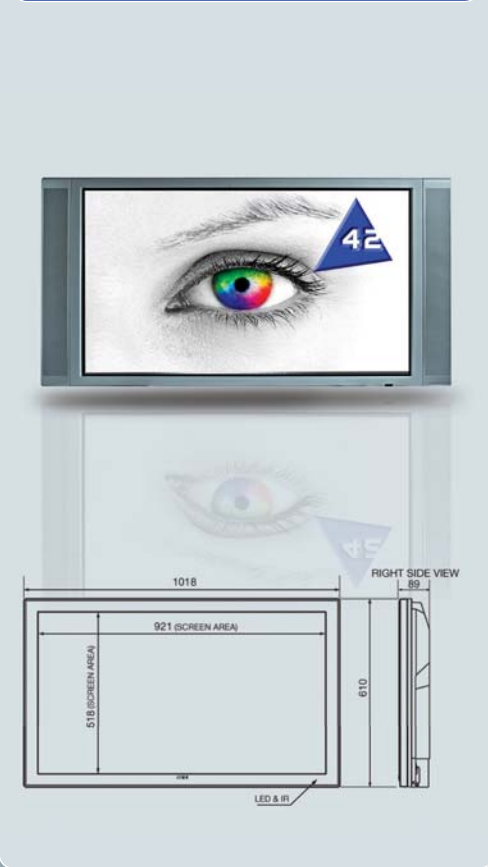
*The speaker mounted on the display monitor is optional.

2005 Plasma Digital Theatre Specifications

| | STANDARD DEFINITION | | HIGH DEFINITION | |
|--------------------------------------|---|-----------------------------|---|------------------------------|
| | PX-42VR5H | PX-42XR4 | PX-50XR5 | PX-61XR4 |
| Resolution | 853 (H) x 480 (V) pixels. | 1024 (H) x 768 (V) pixels | 1365 (H) x 768 (V) pixels | 1365 (H) x 768 (V) pixels |
| Screen Size | 921 (H) x 518 (V) mm | 921.6 (H) x 515.3 (V) mm | 1106 (H) x 622 (V) mm | 1372(H) x 760 (V) mm |
| Aspect Ratio | 16:9 | | | |
| Colour Processing | 4,096 steps, Equivalent to 68.7 billion | | | |
| Digital Zoom | 100 - 900% Selectable | | | |
| Picture Modes | Bright / Normal / Theatre 1 / Theatre 2 / Default | | | |
| Enhanced Split Screen | PIP (4 modes), Side by Side (6 modes), Sub Picture Detect / Fade / Transparency | | | |
| Motion Compensated 3D Scan Converter | PAL, NTSC, 480i, 576i, 525i, 625i, 1035i, 1080i | | | |
| Complete Progressive Support | 720p @ 50/60Hz, 1080i @ 50/60Hz, 1080p @ 50/60Hz | | | |
| Noise Reduction | NR-1, NR-2, NR-3 | | | |
| Aspect Mode | Normal, Zoom, Anamorphic, Stadium, True, 2.35: 1, 14:9 | | | |
| PDP Screensaver | PLE, Orbiter, Inverse, White, Screen Wiper, Soft Focus, OSM Orbiter, OSM Contrast | | PLE, Fluid Orbiter, Inverse, White, Screen Wiper, Soft Focus, OSM Orbiter, OSM Contrast | |
| Video 1 | BNC (Composite Video) x 1. | | RCA Phono (Composite Video) x 1. | |
| Video 2 | RCA Phono (Composite Video) x 1. | | S-Video: 4 pin DIN x 1. | |
| Video 3 or DVD / HD1 | Video 3: S-Video: 4 pin DIN x 1. | | DVD / HD1: RCA Phono (Component Video Y, Pb[Cb], Pr[Cr]) x 1. | |
| HD1 / DVD1 or DVD / HD2 | HD1 / DVD1: RCA Phono (Component Video Y, Pb[Cb], Pr[Cr]) x 1. | | DVD / HD2: RCA Phono (Component Video Y, Pb[Cb], Pr[Cr]) x 1. | |
| HD2 / DVD2 / RGB2 or DVD / HD3 | HD2 / DVD2 / RGB2: BNC (Component Video RGBHV) x 1. | | DVD / HD3: HDMI (Ver.1.1) | |
| RGB1 or DVD/HD4 | RGB1: Mini D-Sub (RGBHV) 15 pin x 1 | | DVD / HD4: HDMI (Ver.1.1) | |
| HD / DVD3 / RGB3 or PC / RGB | HD / DVD3 / RGB3: DVI-D 25-pin HDCP(EIA/CEA-861) x 1. | | PC / RGB: Mini D-Sub (RGBHV) 15 pin x 1 | |
| Audio 1 | RCA Phono (L+R) x 1. | | | |
| Audio 2 | RCA Phono (L+R) x 1. | | | |
| Audio 3 | RCA Phono (L+R) x 1. | | | |
| Audio Output | 8 + 8 W at 6 Ohm | | 9 + 9 W at 6 Ohm | |
| Front Panel User Controls | Input Select / Exit, Right / +, Left / -, Up, Down, Menu / Enter | | | |
| RS232C Communication | DSUB 9 Pin Serial x 1 | | | |
| Wired Remote in/out (IR In/Out) | - | | Mini Jack x 1 (In), Mini Jack x 1 (Out) | |
| Picture | Picture Memory, Contrast, Brightness, Sharpness, Colour, Tint, NR, Colour Temp, White Balance, Cinema Mode, Picture Mode, Gamma, Low Tone*, Set Up Level, Colour Tune | | | |
| Audio | Bass, Treble, Balance, Audio Input 1, Audio Input 2, Audio Input 3, DVD / HD3 Input, DVD / HD4 Input | | | |
| Image Adjust | Aspect Mode, V-Position, H-Position, V-Height, H-Width, Auto Picture, Fine Picture, Picture Adjust. | | | |
| Set Up | Language: (SD: English / German / French / Spanish / Italian / Swedish / Chinese / Russian) (HD: + Portuguese / Turkish / Greek) | | | |
| | BNC Input, D-Sub Input, HD Select, RGB Select, DVI Setup, Colour System, Background, Grey Level, S1/S2, Display OSM Adjust, Remote ID, All Reset. | | DVD / HD1 Input, D-Sub Input, HD Select, RGB Select, HDMI Setup, Colour System, Background, | |
| Function | Power Management, Input Skip, PDP Screen Saver. | | Advanced OSM, Power Management, Input Skip, Sub. Picture, Zoom Nav, Picture Freeze, PDP Screen Saver, Power ON Mode | |
| Power Source | 100 to 240V at 50/60Hz | | | |
| Power Consumption | 270W (Typ) | 285 W (Typ) | 435 W (Typ) | 540 W (Typ) |
| Current Rating | 4.5A(Max) | 4.5A (Max) | 7.6 A(Max) | 8.0 A(Max) |
| Dimensions | 1018(W) x 610(H) x 89(D) mm | 1022(W) x 610(H) x 98(D) mm | 1226(W) x 736(H) x 99(D) mm | 1476(W) x 880(H) x 123(D) mm |
| Net Weight | 28.5 kg | 27.0 kg | 44.5kg | 61.0 kg |
| Temperature | 0°C to 40°C (Operation) / -10°C to 50°C (Storage) | | | |
| Humidity | 20% to 80% (Operation) / 10% to 90% (Storage) - no condensation | | | |
| Altitude | 0 to 2800m (9180 feet) (Operation) / 0 to 3000m (9840 feet) (Storage) | | | |
| Safety Regulations | IEC60065, EN60065, IEC60950-1, EN60950-1 | | IEC60065, EN60065 | |
| EMC Regulations | EN55022 + A1 + A2, EN55024 + A1 + A2, EN61000-3-2, EN61000-3-3 + A1, AS/NZS CISPR22 class B | | EN55022 + A1 + A2 class B, EN55024 + A1 + A2, EN61000-3-2, EN61000-3-3 + A1, AS/NZS CISPR22 class B | |

* Except for PX-42XR4

42VR5H



42XR4



50XR5



61XR4



ACCESSORIES

- Rotatable Table-top Stand PX-ST2U [42XR4, 50XR5]
- Table-top Stand PX-61ST2U[61XR4]
- Table-top Stand PX-ST1U[42VR5H]
- Wall Mount Unit PX-W2U [42VR5H, 42XR4 and 50XR5]
- Tilt Mount Unit PX-T2U [42VR5H, 42XR4 and 50XR5]
- Attachable Speakers PX-42SP1U/S [42VR5H]
- Attachable Speakers PX-SP2U/B (Black) [42XR4, 50XR5 and 61XR4]
- Attachable Speakers PX-SP2U/S (Silver) [42XR4, 50XR5 and 61XR4]