

# NEC PA550W

Order Code: 60003085

NEC PA550W Professional Installation Projector

A top performer for multiple business applications with highest brightness paired with best installation flexibility and excellent connectivity. The PA550W's special inorganic panels provide for longer operation times and less service cost.

## DELIVERING GENUINE BENEFITS

**Cost saving presentation** - via LAN without any computer or player

**Easy installation** - due to 360° vertical free tilt installation, full Geometric Control, Edge Blending and Stacking feature

**Great connectivity** - due to numerous analog and digital connection terminals.

**High brightness** - for best performance in bright ambient light

**Minimized cost of ownership** - due to extremely long lamp life and new inorganic LCD panels and filters

**Professional installation features** - as wide Lens Shift or bayonet lenses for easiest installation at best optical performance

**Free Download of Multi-Display Management Software** - with NaViSet Administrator 2 you can manage all your connected display devices from a centralized location.



NEC Factory Preset  
**DICOM**  
SIMULATION

CERTIFIED  
**P**<sup>TM</sup>



## OUTSTANDING PERFORMANCE

- **Great picture quality** even in bright ambient light because of high projector brightness and excellent Hollywood Quality Video signal processing.
- **Lowest installation cost** with high installation flexibility because of 2x wide zoom lens, lens shift, 360° tilt installation and lens centered design. Replace old installation projectors with minimal reinstallation cost.
- **Quick and easy network connection**, included many network features for picture transfer and complete cost saving network control by using latest network technology. This technology is also great for PC-less presentation directly from network or from USB memory.
- **Enjoy low TCO** by using state of the art technology, inorganic panels and up to 4000h long lamp life thus save the environment and cost by minimizing power consumption, consumables and also service frequency.
- **Best brightness flexibility** by using PA's innovative built-in Stacking or Edge Blending features, when used in combination with other PA projectors. Achieve brightness as high as 20,000 ANSI lumen or extremely large pictures within some minutes with NEC automatic stacking setup application included free of charge.



## SPECIAL CHARACTERISTICS

3D Stacking, AMX Beacon, Crestron RoomView, DICOM Simulation, Digital 3D Reform™, Direct Power-Off Function, Edge Blending Function (08.2011), Free Tilt, Geometric Correction, Help Function, Hollywood Quality Video Processing for best image quality, Keystone Correction (H=±40°, V=±30°), LAN, Lens Shift (vertical +0.6 max/-0.1 max, horizontal ± 0.3 max.), Manual Wall Color Correction, Multi-Screen compensation mode, NaViSet Administrator 2, Optional User Logo, OSD with 27 languages, Password Security System, PIP/Side by Side, HDMI - Input, PJ LINK, Plug&Play W-LAN Option, Remote Desktop, RS-232 Control, Source Select with Beep Function, Stacking Function, USB Viewer, Virtual Remote for direct PC control, Windows 7 Network Projector, Windows Media Connect Function, Windows Network Drive



**Energy Efficiency** Intelligent Power Management

**Ecological Materials** 100% recyclable packaging; Downloadable manuals; Unique NEC Necycle Bio-Plastic cable cover option

**Ecological Standards** ErP compliant

## Technical Specification NEC PA550W

|                                      |  |
|--------------------------------------|--|
| <b>IMAGE</b>                         |  |
| Projection Technology                | 3 x 1.9 cm (0.75") p-Si inorganic LCD Panel with MLA   |
| Native Resolution                    | 1280 x 800 (WXGA)  |
| Contrast Ratio <sup>1</sup>          | 2000:1   |
| Brightness <sup>1</sup>              | 5500 ANSI Lumen (approx. 80% in Eco Mode), with std. optional lense  |
| Lamp                                 | 330 W UHP AC (264 W UHP AC Eco Mode)   |
| Lamp Life [hrs]                      | 3000 (4000 Eco Mode)   |
| Lens                                 | 6 optional bayonet lenses  |
| Projection Factor                    | depending on lens selection (std. option NP13ZL at 1.5-3.02:1)   |
| Projection Distance [m]              | 0.5 (NP11FL) - 76.4 (NP15ZL)   |
| Screen Size (diagonal) [cm] / [inch] | Maximum: 1,270 / 500"; Minimum: 76 / 30"   |
| Zoom                                 | Manual (x2 with optional lens NP13ZL)  |
| Focus Adjustment                     | Manual   |
| Supported Resolutions                | 1920x1200 (WUXGA) - 640x480 (VGA); 1080i/60; 1080p/60; 1080i/50; 1080p/50; 720p/60; 720p/50; 576i/50; 576p/50; 480p/60; 480i/50  |
| Frequency                            | Horizontal: 15-108 kHz (RGB: 24 kHz- 108 kHz); Vertical: 48 - 120 Hz   |
| <b>CONNECTIVITY</b>                  |  |
| RGB (analog)                         | Input: 1 x 5BNC, shared with Component Signal (YPbPr); 2 x Mini D-sub 15-pin, compatible to component (YPbPr)<br>Output: 1 x Mini D-sub 15 pin   |
| Digital                              | Input: 1 x DisplayPort; 1x HDMI™ (V.1.3) supporting HDCP   |
| Video                                | Input: 1 x RCA   |
| S-Video                              | Input: 1 x Mini DIN 4-pin  |
| Audio                                | Input: 1 x DisplayPort Audio support; 1 x HDMI audio support; 1 x RCA Stereo for Video and S-Video; 3 x 3.5 mm Stereo Mini Jack for Computer analog<br>Output: 1 x 3.5 mm Stereo Mini Jack (variable)  |
| Control                              | Input: 1 x D-Sub 9 pin (RS-232), Network   |
| USB                                  | 2 x Type A (USB 2.0 high speed)  |
| Video Signals                        | NTSC; NTSC 4.43; PAL; PAL-M; PAL-N; PAL60; SECAM   |
| <b>REMOTE CONTROL</b>                |  |
| Remote Control                       | Aspect Ratio; Audio Control; Auto Adjust; DisplayPort; Freeze-function; Help-function; ID set; Lamp Mode Control; Magnify-function; Page (up, down); Picture Adjust; Picture Mute; Power (On-OFF); Select (up, down, left, right); Source Select |
| <b>ELECTRICAL</b>                    |  |
| Power Supply                         | 100-240 V AC; 50 - 60 Hz   |
| Power Consumption [W]                | 0.2 Power Savings Mode; 356 Eco Mode; 443 Normal Mode; 6 Network Stand-By Mode   |
| <b>MECHANICAL</b>                    |  |
| Dimensions (W x H x D) [mm]          | 499 x 144 x 359 (without lens and feet)  |
| Weight [kg]                          | 7.7  |
| Fan Noise [dB (A)]                   | 31 / 38 (Eco / Normal)   |
| <b>ERGONOMICS</b>                    |  |
| Safety and Ergonomics                | CE; ErP; RoHS; TÜV GS  |
| Speakers [W]                         | 1 x 10 (mono)  |
| <b>WARRANTY</b>                      |  |
| Projectors                           | 3 years pan-European service   |
| Lamp                                 | 6 months, max. 1000 hrs  |
| <b>SHIPPING CONTENT</b>              |  |
| Shipping Contents                    | IR Remote Control (RD - 455E); Mini D-SUB Signal Cable; Network Set-up Guide; Power Cord; Projector; Quick Setup Guide; Users Manual on CD-ROM   |
| <b>OPTIONAL ACCESSORIES</b>          |  |
| Optional Accessories                 | Cable Cover (NP02CV); Lamp (NP21LP); Wireless LAN module NP02LM2 (Europe), NP02LM3 (Russia)  |
| Lenses                               | NP11FL (0.8:1); NP12ZL (1.19-1.56:1); NP13ZL (1.5-3.02:1); NP14ZL (2.97-4.79:1); NP15ZL (4.7-7.2:1)  |

<sup>1</sup> Compliance with ISO21118-2005