

# NEC PA500U

ORDER CODE: 60003082

NEC PA500U Professional Installation Projector

A top performer for multiple business applications, the highest resolution paired with brightness, best installation flexibility and excellent connectivity. The PA500U's special inorganic panels provide for longer operation times and less service cost.



## DELIVERING GENUINE BENEFITS

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

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

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

**Great connectivity** due to innovative DisplayPort terminal and many analog and digital connection terminals

**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



## OUTSTANDING PERFORMANCE

- **Great picture quality** even in bright ambient light because of high projector brightness and excellent HQV 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; HQV™ Processing for best image quality; Keystone Correction (H= ±35°, V=±30°); LAN; Lens Shift (vertical +0.5 max/-0.1 max, horizontal ± 0.3 max.); Manual Wall Color Correction; Multi-Screen compensation mode; Optional User Logo; OSD with 27 languages; Password Security System; PJ LINK; Plug&Play W-LAN Option; RS-232 Control; Source Select with Beep Function; Stacking Function; Timer-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  
Recycle Bio-Plastic cable cover option

**Ecological Standards:** ErP compliant

Technical Specification NEC PA500U	
<b>IMAGE</b>	
Display	3 x 1.93 cm (0.76") p-Si inorganic LCD Panel with MLA
Native Resolution	1920 x 1200 (WUXGA)
Brightness <sup>1</sup>	5000 ANSI Lumen (approx. 80% in Eco Mode), with std. optional lens
Contrast Ratio <sup>1</sup>	2000:1
Lamp	330 W UHP AC (264 W UHP AC Eco Mode)
Lamp Life [hrs]	3000 (4000 Eco Mode)
Lens	5 optional bayonet lenses
Projection Factor	depending on lens selection (std. option NP13ZL at 1.5-3.02:1)
Projection Distance [m]	0.70 (NP11FL) - 76.4 (NP15ZL)
Screen Size (diagonal) [cm]	Minimum: 76 / 30"; Maximum: 1270 / 500"
Zoom	Manual (x2 with optional lens NP13ZL)
Focus Adjustment	Manual
Supported Resolutions	480p/60; 576p/50; 720p/60; 720p/50; 1080p/60; 1080p/50; 480i/50; 576i/50; 1080i/60; 1080i/50; 1920x1200 (WUXGA) - 640x480 (VGA)
Frequency	Horizontal: 15–108 kHz (RGB: 24 kHz– 108 kHz); Vertical: 48 – 120 Hz
<b>CONNECTIVITY</b>	
RGB (analog)	Input: 2 x Mini D-sub 15-pin, compatible to component (YPbPr); Input: 1 x 5BNC, shared with Component Signal (YPbPr); Output: 1 x Mini D-sub 15 pin
Digital	Input: 1 x DisplayPort; Input: 1x HDMI™ (V.1.3) supporting HDCP
Video	Input: 1 x RCA
S-Video	Input: 1 x Mini DIN 4-pin
Audio	Input: 3 x 3.5 mm Stereo Mini Jack for Computer analog; Input: 1 x HDMI audio support; Input: 1 x DisplayPort Audio support; Input: 1 x RCA Stereo for Video and S-Video; Output: 1 x 3.5 mm Stereo Mini Jack (variable)
PC Control	Input: 1 x D-Sub 9 pin (RS-232), Network
USB	2 x Type A (USB 2.0 high speed)
Video Signals	PAL; PAL60; NTSC; SECAM; NTSC 4.43; PAL-N; PAL-M
<b>REMOTE CONTROL</b>	
Remote Control	Source Select; Freeze-function; Auto Adjust; Aspect Ratio; Magnify-function; Help-function; Picture Adjust; Audio Control; Page (up, down); Picture Mute; Power (On-OFF); Select (up, down, left, right); HDMI; Eco Mode Control; DisplayPort
<b>ELECTRICAL</b>	
Power Supply	100-240 V AC; 50 - 60 Hz
Power Consumption [W]	455 Normal Mode; 6 Network Stand-by Mode; 0.2 Stand-by Mode
<b>MECHANICAL</b>	
Dimensions (W x H x D) [mm]	499 x 144 x 359 (without lens and feet)
Weight [kg]	7.8
Fan Noise [dB (A)]	32 / 38 (Eco / Normal)
<b>OPTIONAL ACCESSORIES</b>	
Optional Accessories	Lamp (NP21LP); Cable Cover (NP02CV); Wireless LAN module NP02LM2 (Europe), NP02LM3 (Russia)
Lenses	NP11FL (0.8:1); NP15ZL (4.7-7.2:1); NP14ZL (2.97-4.79:1); NP13ZL (1.5-3.02:1); NP12ZL (1.19-1.56:1)
<b>ERGONOMICS</b>	
Safety and Ergonomics	CE; TÜV GS; ErP; RoHS
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	Projector; IR Remote Control (RD - 455E); Mini D-SUB Signal Cable; Power Cord; Users Manual on CD-ROM; Quick Setup Guide; Network Set-up Guide

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