

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

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



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=±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, 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, 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 Necycle Bio-Plastic cable cover option

Ecological Standards ErP compliant

Technical Specification NEC PA500U

IMAGE	
Projection Technology	3 x 1.93 cm (0.76") p-Si inorganic LCD Panel with MLA
Native Resolution	1920 x 1200 (WUXGA)
Contrast Ratio ¹	2000:1
Brightness ¹	5000 ANSI Lumen (approx. 80% in Eco Mode), with std. optional lens
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]	0.7 (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
CONNECTIVITY	
RGB (analog)	Input: 1 x 5BNC, shared with Component Signal (YPbPr); 2 x Mini D-sub 15-pin, compatible to component (YPbPr) 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 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
REMOTE CONTROL	
Remote Control	Aspect Ratio; Audio Control; Auto Adjust; DisplayPort; Eco Mode Control; Freeze-function; HDMI; Help-function; Magnify-function; Page (up, down); Picture Adjust; Picture Mute; Power (On-OFF); Select (up, down, left, right); Source Select
ELECTRICAL	
Power Supply	100-240 V AC; 50 - 60 Hz
Power Consumption [W]	0.2 Power Savings Mode; 369 Eco Mode; 455 Normal Mode; 6 Network Stand-By Mode
MECHANICAL	
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)
ERGONOMICS	
Safety and Ergonomics	CE; ErP; RoHS; TÜV GS
Speakers [W]	1 x 10 (mono)
WARRANTY	
Projectors	3 years pan-European service
Lamp	6 months, max. 1000 hrs
SHIPPING CONTENT	
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
OPTIONAL ACCESSORIES	
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)

¹ Compliance with ISO21118-2005