Empowered by Innovation

NEC PA621U

Order Code: 60003661

NEC PA621U Professional Installation Projector

Get best picture quality with the new PA Series projectors. A new and unique NEC scaler chip is capable of managing 4K input and sharing the signal with connected projectors. Built-in Edge Blending enables up to 4k MultiScreen picture. A various number of inputs allow excellent connectivity. Long lamp life, highest available lamp efficiency and lowest power consumption provide a very low cost of ownership.

This makes the PA621U the perfect solution for Corporate, High Education, Conference Room and Museum.



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

Multi-Screen Picture - 4K Interface, Built-in Multi-Display/ Multi-Screen Splitter and an automatic White Balance Option.

Great connectivity - due to innovative DisplayPort terminal and many analog and digital connection terminals, with HDBaseT Interface.

Easy installation - due to 360° vertical free tilt and portrait installation, full Geometric Control, Edge Blending and Stacking feature, easy free camera Stacking/Blending and Full HDMI 3D functionality.

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

OUTSTANDING PERFORMANCE

- **Great picture quality** even in bright ambient light because of high projector brightness and excellent Cinema Quality Picture (CQP) Video signal processing.
- **Lowest installation cost** with high installation flexibility because of 2x wide zoom lens, lens shift, 360° tilt installtion and lens centered design. Replace old installation projectors with minimal reinstallation cost.
- **Quick and easy network connection,** many network features for picture transfer and cost saving network control by using latest 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 enviroment 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 24.000 ANSI lumen or extremely large pictures within some minutes with NEC automatic stacking setup application included free of charge.

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SPECIAL CHARACTERISTICS

4K Interface, AMX Beacon, Built-in Display/Multiscreen Splitter, Cinema Quality Picture (CQP) Processing for best image quality, Crestron RoomView, DICOM Simulation, Digital 3D Reform™, Direct Power-Off Function, Edge Blending Function (Build In), Free Tilt, Full 3D HDMI Support, Geometric Correction, Keystone Correction (H=±40°, V=±40°), 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, Portrait Setting, RS-232 Control, Stacking Function, Timer-Function, Virtual Remote for direct PC control

Energy Efficiency Intelligent Power Management; Less than 0.16W Stand-By power

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

Ecological Standards ErP compliant

Technical Specification NEC PA621U

IMAGE	
Projection Technology	3 x 1.93 cm (0.76") LCD Panel with MLA
Native Resolution	1920 x 1200 (WUXGA)
Contrast Ratio [1]	6000:1
Brightness [1]	6200 ANSI Lumen (approx. 80% in Eco Mode), with std. optional lense
Lamp	350 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]	Minimum: 76 / 30"; Maximum: 1,270 / 500"
Zoom	Manual (x2 with optional lens NP13ZL)
Focus Adjustment	Manual
Supported Resolutions	4096 x 2160 (4k); 2560 x 1600 (WQXGA); 2048 x 1080 (2k); 1920x1200 (WUXGA) - 640x480 (VGA); 1080i/50/60; 1080p/24/25/30/50/60; 720p/60; 720p/50; 576i/50; 576p/50; 480p/60; 480i/50
Frequency	Horizontal: analog: 15/24-100 kHz, digital: 15/24-153 kHz; Vertical: analog: 48-120 Hz, digital: 24-120 Hz
CONNECTIVITY	
RGB (analog)	Input: 1 x Mini D-sub 15-pin, compatible to component (YPbPr); 1 x 5BNC, shared with Component Signal (YPbPr)
Digital	Input: 2 x HDMI™ supporting HDCP; 1 x DisplayPort
Video	Input: 1 x BNC R Share
S-Video	Input: 1 x BNC G/B Share
Audio	Input: 1 x DisplayPort Audio support; 2 x 3.5 mm Stereo Mini Jack for Computer analog; 2 x HDMI audio support Output: 1 x 3.5 mm Stereo Mini Jack (variable)
Control	Input: 1 x D-Sub 9 pin (RS-232), Ethernet
USB	1 x Type A (USB 2.0 high speed)
3D Sync	Output: 1 x Mini DIN 3pin
Video Signals	PAL; PAL60; NTSC; SECAM; NTSC 4.43; PAL-N; PAL-M
REMOTE CONTROL	
Input:	1 x 3.5 mm Stereo Mini Jack
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]	Sleep Mode (Lamp off): 16; 460 (Normal) / 362 (Eco) / 4.9 (Network Stand-by) / 0.16 (Stand-by)
MECHANICAL	
Dimensions (W x H x D) [mm]	499 x 142 x 359 (without lens and feet)
Weight [kg]	8.4
Fan Noise [dB (A)]	32 / 39 (Eco / Normal)
ERGONOMICS	
Safety and Ergonomics	CE; ErP; TÜV GS; RoHS
Speakers [W]	1 x 10 (mono)
WARRANTY	
Projectors	3 years pan-European service
Lamp	6 months, max. 1000 hrs
SHIPPING CONTENT	
Shipping Contents	Projector; IR Remote Control (RD - 466E); Power Cord; Users Manual on CD-ROM; Network Set-up Guide; Quick Setup Guide
OPTIONAL ACCESSORIES	
Optional Accessories	Cable Cover (NP04CV); Lamp (NP26LP); WiDi Receiver (NP01WR); 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); NP30ZL (0.79-1.03:1)

[1] Compliance with ISO21118-2005