\Orchestrating a brighter world NEC

P554U
Professional Projector

Datasheet





Brighten up your lectures and meetings

The NEC P554U brings brightness of up to 5,300 ANSI lumen to your meeting and learning spaces. Enjoy smooth operation over five years* with low maintenance, long lamp life and the NEC patented LCD panel dust protection. The NEC P554U is the perfect replacement device for preceding models because it offers the same mounting options and with its wide zoom range, it is easy to adjust the projection to the existing screen. LCD technology delivers natural colours with a high contrast whilst the wide horizontal and vertical lens shift offers broad flexibility in installation. With its low power consumption, the NEC P554U offers a low total cost of ownership (TCO) and helps you to reduce your carbon footprint.

For more efficient and collaborative meetings and lectures, add NEC's MultiPresenter option to share content from up to 16 devices! No additional power source is needed as the stick is powered via the USB slot.

*at 8 hours operation a day, 200 days a year

Benefits

Affordable Large Screen projection – ideal for larger corporate or education venues and auditoriums.

Professional and Flexible Installation – versatile projection characteristics allow for simple positioning of the projector, making installation easy and potentially saving set up costs.

High brightness – for best performance in bright ambient light

Cost Saving Device Management – save effort whilst administrating all connected NEC devices from a centralised location by using the NaViSet Administrator 2 software tool.

Minimized cost of ownership – due to long lamp life and filter exchange intervals.

Peace of Mind – with future-proof connectivity.

Cost effective replacement – of existing NEC P model installations to achieve better imaging for lectures and presentations without wall-mount adjustment.

Product Information

Product Name	P554U
Product Group	Professional Projector
Order Code	60004329

Image

Projection Technology	3LCD Technology
Native Resolution	1920 x 1200 (WUXGA)
Contrast Ratio [1]	20000:1
Brightness [1]	5300 Normal / 3200 Eco ANSI Lumen; 5600 Centre Lumen
Lamp	330 W UHP AC
Lamp Life [hrs]	4000 (8000 Eco Mode)
Lens	F= 1.5–2.08, f= 17.2–27.7 mm
Lens shift	H:±0.15, V:+0.55,-0
Keystone correction	+/- 15° manual horizontal / +/- 30° manual vertical
Projection Factor	1.2 – 2 : 1
Projection Distance [m]	0.8 – 12.9
Screen Size (diagonal) [cm] / [inch]	Maximum: 762 / 300"; Minimum: 76 / 30"
Zoom	1 - 1.6; Manual
Focus Adjustment	Manual
Supported Resolutions	Up to 1920 x 1200 (WUXGA)
Frequency	Horizontal: 15–100 kHz (RGB: 24 kHz); Vertical: 50 – 120 Hz

Connectivity

RGB (analog)	Input: 1 x Mini D-sub 15 pin Output: 1 x Mini D-sub 15 pin
Digital	Input: 1 x HDBaseT; 2 x HDMI™ (Deep Color, Lip sync) with HDCP
Video	Input: 1 x RCA
Audio	Input: 1 x 3.5 mm Stereo Mini Jack for Computer analog; 1 x RCA Stereo for Video and S-Video; 2 x HDMI audio Output: 1 x 3.5 mm Stereo Mini Jack (variable)
Control	Input: 1 x D-Sub 9 pin (RS-232) (male)
LAN	1 x RJ45
USB	1 x Type A (USB 2.0 high speed); 1 x Type B
Video Signals	NTSC 3.58; NTSC 4.43; PAL; PAL-M; PAL-N; PAL60; SECAM

Remote Control

Remote Control	Aspect Ratio; Audio Control; Auto Adjust; Eco Mode Control; Freeze-function; Help-function; ID set; Keystone Correction; Magnify-function; Page (up, down); Picture Adjust; Picture Mute; Power (On-OFF); Presentation and Mouse Control; Select (up, down, left, right); Source Select

Electrical

Power Supply	100-240 V AC; 50 - 60 Hz
Power Consumption [W]	431 (Normal) / 277 (Eco) / 2.1 (Network Stand-by) / 0.17 (Stand-by)

Mechanical

Dimensions (W x H x D) [mm]	420 x 133 x 322 (without lens and feet)
Weight [kg]	4.8

Fan Noise [dB (A)]	34 / 37 (Eco / Normal)

Environmental Conditions

Operating Temperature [°C]	5 to 40
Operating Humidity [%]	20 to 80 non-condensing
Storage Temperature [°C]	-10 to 50
Storage Humidity [%]	20 to 80 non-condensing

Ergonomics

Safety and Ergonomics	CE; ErP; RoHS; TüV GS
Speakers [W]	1 x 20 (mono)

Additional Features

Special Characteristics	Auto Eco Mode; Auto Power ON/OFF; Carbon Savings Meter; Contrast Ratio 20000:1 with Iris; Control ID Function; DICOM Simulation; Direct Power-Off Function; Help Function; HTTP Browser Control; Kensington security slot; Keypad Lock; Lens Shift (vertical 0 max/55 max, horizontal ± 15 max.); Magnify; Manual Wall Color Correction; NaViSet Administrator 2; Off-Timer; Optional User Logo; OSD with 27 languages; Password Security System; Pincushion Correction; Quick Start; Test Pattern; Unique Power Saving Functions; Virtual Remote for direct PC control

Green Features

Energy Efficiency	0.4W Power save mode; Auto ECO Mode; Green one touch ECO and AV mute button
Ecological Materials	Downloadable manuals; ECO packaging
Ecological Standards	ErP compliant; RoHs compliant

Warranty

Projectors	3 years pan-European service
Light Source	6 months, max. 1000 hrs

Shipping Content

Shipping Contents	IR Remote Control (RD-448E); Mini D-SUB Signal Cable (1.8 m); Power Cord (1.8 m); Projector; Quick Setup Guide; Users Manual; Utility software

Optional Accessories

Optional Accessories	Cable Cover (NP12CV); Lamp (NP44LP); MultiPresenter Stick; Universal Ceiling Mounts (PJ01UCM); Wireless LAN module NP05LM2 (Europe), NP05LM4 (Russia)

[1] Compliance with ISO21118-2012

CE ErP RoHS TüV GS

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