

NEC P554U

Professional LCD Lamp 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

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.

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

Product Information

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|---------------|---------------------------------|
| Product Name | NEC P554U |
| Product Group | Professional LCD Lamp Projector |
| Order Code | NP-P554UG |

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 |
| Light Source 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

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|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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

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|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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

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| 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

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

Environmental Conditions

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|----------------------------|-------------------------|
| 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

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

Additional Features

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| 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

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|----------------------|-----------------------------------------------------------------------------|
| 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

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| Projectors | 5 years Australian warranty |
| Light Source | 6 months, max. 1000 hrs |

Shipping Content

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| 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 |
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Optional Accessories

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|----------------------|-------------------------------------|
| Optional Accessories | Cable Cover (NP12CV); Lamp (NP44LP) |
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¹ Compliance with ISO21118-2012

For more information:

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