

SHARP / NECNEC P547UL
Laser Projector

Datasheet



Visible yet noiseless – bringing a sense of calm to your meeting spaces

Scalable visualisation has never been so silent. With an outstandingly low noise level of just 22dB (ECO mode), the P547UL is quieter than the ticking of a watch.

Thanks to the completely sealed engine, this laser projector is filter-free meaning 20,000 hours of maintenance-free operation. Comprehensive connectivity and optional WiFi provide the utmost flexibility and time saving operation. The enhanced embedded MultiPresenter functionality enables wireless presentation and screen sharing for up to 16 devices simultaneously, out of the box to your meeting room. The technology is future-proof with the capability of processing 4K inputs at 30Hz. Bringing the future of projection to your meeting room has never been easier, quieter and as low maintenance than with the NEC P547UL.

Benefits

No filter service required – a completely sealed optical laser LCD engine allows a filter-free design. Brilliant colour brightness is maintained and servicing costs need no longer feature in your budget.

Low Noise Level – with 22dB, the silent technology will not disturb your meeting.

No lamp replacement – up to 20,000 h maintenance free operation possible due to Laser Light Source.

Risk Group 2 – because of the Risk Group 2 compliance, no prescribed safety precautions are necessary.

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

Product Information

Product Name	NEC P547UL
Product Group	Laser Projector
Order Code	60005761

Image

Projection Technology	3LCD Technology		
Native Resolution	1920 x 1200 (WUXGA)		
Aspect Ratio	16:10		
Contrast Ratio ¹	3000000:1		
Brightness ¹	5400 Normal / 3240 Eco ANSI Lumen; 5700 Centre Lumen		
Lamp	Laser Light Source		
Light Source Life [hrs]	20000 ²		
Lens	F= 1.5–2.1, f= 17.2–27.7 mm		
Lens shift	Up to H:±29, V:+60,-0		
Keystone correction	+/- 30° manual horizontal / +/- 30° manual vertical		
Projection Factor	1.23 – 2 : 1		
Projection Distance [m]	0.8 – 12.9		
Screen Size (diagonal) [cm] / [inch]	Maximum: 762 / 300"; Minimum: 76.2 / 30"		
Zoom	Manual; x1.6		
Focus Adjustment	Manual		
Supported Resolutions	1920x1200 (Maximum resolution of analog input);	3840 x 2160 (Maximum resolution of digital input);	3840x2160 @ 30hz digital

Connectivity

RGB (analog)	Input: 1 x Mini D-sub 15 pin
Digital	Input: 1 x HDBaseT; 2 x HDMI™ supporting HDCP
Audio	Input: 1 x 3.5 mm Stereo Mini Jack for Computer analog; 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; Optional WLAN
USB	1 x Type B (for Service); 1x Type A (USB 2.0 high speed) with 2.0A Power Supply; 1x Type A (W-LAN Dongle)
Video Signals	NTSC 3.58; NTSC 4.43; PAL; PAL-M; PAL60

Remote Control

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

Power Consumption [W]	293 (Normal) / 220 (Eco) / 1.6 (Network Stand-by) / 0.3 (Stand-by)
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Mechanical

Dimensions (W x H x D) [mm]	480 x 122 x 407 (without lens and feet)
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Weight [kg]	9.7
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Fan Noise [dB (A)]	22 / 26 (Eco / Normal)
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Colour Versions	White
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Environmental Conditions

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

Safety and Ergonomics	CE; EAC; ErP; RoHS; TUEV Type Approved
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Speakers [W]	1 x 20 (mono)
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Additional Features

Special Characteristics	Auto Power ON/OFF; Carbon Savings Meter; Constant Brightness Mode; Control ID Function; DICOM simulation; Direct Power-Off Function; Free Tilt; HDBaseT; Help Function; HTTP Browser Control; Kensington security slot; Keypad Lock; Light Source Adjustment; Magnify; Mouse Control with USB Display; MultiPresenter Function; NaViSet Administrator 2; OSD with 30 languages; Plug&Play W-LAN Option; Quick Start; Source Select with Beep Function; Test Pattern; Unique Power Saving Functions; USB Viewer
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Green Features

Ecological Materials	Downloadable manuals; ECO packaging
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Ecological Standards	ErP compliant; RoHs compliant
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Warranty

Projectors	3 years pan-European service
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Light Source	3 years or 10000h (whatever comes first)
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Shipping Content

Shipping Contents	2x AAA Batteries; IR Remote Control (477E); Lens Cap; Power Cord (1.8 m); Projector; Quick Setup Guide; Security Sticker; Users Manual; Utility software
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Optional Accessories

Optional Accessories	Universal Ceiling Mounts (PJ01UCM, PJ02UCMPF); Wireless LAN module (NP05LM2; NP05LM4; NP05LM5)
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¹ Compliance with ISO21118-2012

² 50% of initial brightness at the end of specified laser life time at 25 degree ambient temperature.



ErP



RoHS



CE



TUEV Type Approved

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