

NEC P627UL Laser Projector

Datasheet



Super silent yet brilliantly versatile

Innovation grounded in the true needs of the user results in the P627UL, a laser projector that is so silent it goes unnoticed yet for the 6,200 ANSI lumen image projection, perfectly visible in brightly lit spaces. A new standard in silent operation, 22dB in Eco mode is quieter than the ticking of a watch and is unsurpassed by any other installation projector. With 4K@30Hz input processing, comprehensive connectivity and supporting WUXGA resolution, the future-proofed projector delivers an eye-pleasing visual experience.

Install and forget - requiring zero maintenance over its long 20,000 hour life, the completely sealed optical engine and laser light source means filter and lamp replacement is obsolete; paired with a minimal power consumption of just 318W in normal mode, the P627UL ensures low operational costs.

With optional WiFi and embedded MultiPresenter function for wireless presentation and screen sharing, this is the ideal meeting room and classroom tool, but also meets the needs of rental and staging companies and digital signage use cases.

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.

Future-proof input management - thanks to 4K@30 Hz input processing.

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.

Product Information

Product Name	NEC P627UL
Product Group	Laser Projector
Order Code	NP-P627ULG

Image

Projection Technology	3LCD Technology
Native Resolution	1920 x 1200 (WUXGA)
Aspect Ratio	16:10
Contrast Ratio ¹	600000:1
Brightness ¹	6200 ANSI Lumen (approx. 60% in Eco Mode)
Lamp	Laser Light Source
Light Source Life [hrs]	20000 ²
Lens	F= 1.5-2.1, f= 17.2-27.7 mm
Lens shift	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; 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
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Electrical

Power Supply	100-240 V AC; 50 - 60 Hz
Power Consumption [W]	318 (Normal) / 237 (Eco) / 1.6 (Network Stand-by) / 0.3 (Stand-by)

Mechanical

Dimensions (W x H x D) [mm]	480 x 122 x 407 (without lens and feet)
Weight [kg]	9.7
Fan Noise [dB (A)]	22 / 27 (Eco / Normal)

Environmental Conditions

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

Ergonomics

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

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; Optional User Logo; OSD with 30 languages; Password Security System; Plug&Play W-LAN Option; Portrait Setting; Quick Start; Source Select with Beep Function; Test Pattern; Unique Power Saving Functions; USB Viewer; Virtual Remote for direct PC control
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Green Features

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

Warranty

Projectors	5 years limited warranty
Light Source	5 years or 10000h (whatever comes first)

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

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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.



RoHS



CE



ErP