Product Information Sheet

P506QLG - Laser Projector

Perfect pixel-free 4K UHD presentations

This 4K UHD laser phosphor projector delivers cost effective semi-professional projection, ensuring 'pixel-free' visualisation with 5,000 ANSI lumens brightness.

Besides its impressive picture accuracy, the projector provides an appealing proposition with Risk Group 2 compliance, drastically reducing the installation and operation effort. As well as a low TCO with 20,000 hours hassle free operation, there is no need for filter replacement. The great diversity of interfaces, including HDBaseT and 2xHDMI ensures future-proof possibilities in visualization.

With it outstanding picture quality in 'pixel-free' resolution and its appealing and compact design, the NEC P506QL projector is perfectly suited for Corporate Presentations, Museums and Higher Education allowing organisations to deliver the best in class professional presentations.

Benefits

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

Risk Group 2 saves you installation and operation effort – 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	P506QLG
Product Group	Laser Projector

Image

Projection Technology	1-chip DLP™ Technology
Native Resolution	3840 x 2160 (4K UHD)
Aspect Ratio	16:9
Contrast Ratio [1]	500000:1
Brightness [1]	5000 ANSI Lumen
Lamp	Laser Light Source
Lamp Life [hrs]	20000 [2]
Lens	F= 1.8–2.43, f= 12.1–18.1 mm
Lens shift	H:±20, V:+60,-60
Keystone correction	+/- 0° manual horizontal / +/- 30° manual vertical
Projection Factor	1.13 – 1.7 : 1
Projection Distance [m]	1.6 – 8
Screen Size (diagonal) [cm] / [inch]	Maximum: 787 / 310"; Minimum: 127 / 50"
Zoom	Manual; x1.5
Focus Adjustment	Manual
Supported Resolutions	3840 x 2160 (Maximum resolution of digital input)

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
3D Sync	Output: 1 x Mini DIN 3pin
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]	580 (Normal) / 330 (Eco) / 2 (Network Stand-by) / 0.5 (Stand-by)

Mechanical

Dimensions (W x H x D) [mm]	480 x 158 x 400 (without lens and feet)
Weight [kg]	11.5
Fan Noise [dB (A)]	32 / 35 (Eco / Normal)
Colour Versions	White

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; TüV GS; RCM
Speakers [W]	1 x 10 (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

Green Features

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

Warranty

Projectors	5 years SWAP warranty
Light Source	5 years or 20,000hrs (whichever comes first)

Shipping Content

Shipping Contents	2x AAA Batteries; IR Remote Control (477E); Mini D-SUB Signal Cable (1.8 m); Power Cord (1.8 m); Projector; Quick Setup Guide; Security Sticker; Users Manual; Utility software

Optional Accessories

Optional Accessories	Wireless LAN module (NP05LM2; NP05LM4; NP05LM5)

[1] Compliance with ISO21118-2012

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

TUEV Type Approved	CE	ErP	RoHS	TüV GS

For more information:

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