

## P525UL 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\*, the P525UL 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 P525UL.

\*in Eco mode / normal mode: 24 dB / High Bright mode: 27 dB

## 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.

**Minimised Carbon Footprint** - with only 320W power consumption in normal mode for lowering your TCO.

**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  | P525UL          |
| Product Group | Laser Projector |
| Order Code    | 60004708        |

## Image

|                                      |   |
|--------------------------------------|---|
| Projection Technology                | 3LCD Technology   |
| Native Resolution                    | 1920 x 1200 (WUXGA)   |
| Aspect Ratio                         | 16:10   |
| Contrast Ratio <sup>1</sup>          | 500000:1  |
| Brightness <sup>1</sup>              | 5000 Normal / 3000 Eco ANSI Lumen; 5200 Centre Lumen  |
| Lamp                                 | Laser Light Source  |
| Lamp Life [hrs]                      | 20000   |
| Lens                                 | F= 1.5-2.1, f= 17.2-27.6 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 - 13.5  |
| Screen Size (diagonal) [cm] / [inch] | Maximum: 762 / 300"; Minimum: 76.2 / 30"  |
| Zoom                                 | Manual; x1.6  |
| Focus Adjustment                     | Manual  |
| Supported Resolutions                | 3840x2160 @ 30hz digital; 3840 x 2160 (Maximum resolution of digital input); 1920x1200 (Maximum resolution of analog 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<br>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  |
| 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] | 320 (Normal) / 238 (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 / 24 / 27 (ECO / Normal / High Bright) |
| 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 |
| 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; 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; 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   | 3 years pan-European service             |
| Light Source | 3 years or 10000h (whatever 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 | Universal Ceiling Mounts (PJ01UCM, PJ02UCMPF); Wireless LAN module (NP05LM2; NP05LM4; NP05LM5) |
|----------------------|--|

<sup>1</sup> Compliance with ISO21118-2012



TUEV Type  
Approved



CE



ErP



RoHS



TÜV GS

This product has been equipped with a laser module and is classified as Class1 of IEC60825-1 Ed3 2014 and is classified as RG2 of IEC62471-5 Ed1 2015.

DO NOT LOOK DIRECTLY INTO THE BEAM.

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