

## NEC PE506UL Laser Projector

# Datasheet



### High brightness in compact format

With a long life cycle, the PE506UL brings an exceptionally low cost of ownership for cost-conscious users requiring professional and reliable projection performance. Lighter in weight and more compact compared to its predecessor, yet this powerful projector generates a higher brightness level at 5,200 ANSI lumen and the vivid brilliance of 3 LCD technology.

With wireless presentation and screen sharing capability, versatile adjustability, and compatibility with leading control systems, the PE506UL is feature packed for classrooms, training rooms and meeting rooms.

## Benefits

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

**Compact and light weight** – easy installation due to the weight of only 7.95 kg.

**Enjoy a Lower TCO** – highest reliability, maintenance free operation, low power consumption and up to 20000 hours life; the Laser light source results in a significantly lower total cost of ownership.

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

**Cost Saving Device Management** – save effort whilst administrating all connected NEC devices from a centralised location by using the NaViSet Administrator 2 software tool.

## Product Information

|               |                 |
|---------------|-----------------|
| Product Name  | NEC PE506UL     |
| Product Group | Laser Projector |
| Order Code    | 60005463        |

## Image

|                                      |                                                     |
|--------------------------------------|-----------------------------------------------------|
| Projection Technology                | 3LCD Technology                                     |
| Native Resolution                    | 1920 x 1200 (WUXGA)                                 |
| Aspect Ratio                         | 16:10                                               |
| Contrast Ratio <sup>1</sup>          | 3000000:1                                           |
| Brightness <sup>1</sup>              | 5200 ANSI Lumen                                     |
| Lens shift                           | H:-29,+29, V:-0,+60                                 |
| Keystone correction                  | +/- 30° manual horizontal / +/- 30° manual vertical |
| Projection Factor                    | 1.2 - 2 : 1                                         |
| Projection Distance [m]              | 0.75 - 13                                           |
| Screen Size (diagonal) [cm] / [inch] | 76.2 / 30" - 762 / 300"                             |
| Zoom                                 | x1.7                                                |
| Focus Adjustment                     | Manual                                              |

## Connectivity

|               |                                                                                                |
|---------------|------------------------------------------------------------------------------------------------|
| RGB (analog)  | Input: 1 x Mini D-sub 15-pin, compatible to component (YPbPr)<br>Output: 1 x Mini D-sub 15 pin |
| Digital       | Input: 2 x HDMI™ (Deep Color, Lip sync)                                                        |
| Audio         | Input: 1 x 3.5 mm Stereo Mini Jack; 1 x RCA Stereo                                             |
| Control       | Input: 1 x D-Sub 9 pin (RS-232) (male)                                                         |
| LAN           | 1 x RJ45                                                                                       |
| USB           | 1 x Type B; 1x Type A (USB 2 high speed) with 2 Power Supply                                   |
| Video Signals | NTSC; PAL; PAL60; SECAM                                                                        |

## Remote Control

|                |                                                                                                           |
|----------------|-----------------------------------------------------------------------------------------------------------|
| Remote Control | Aspect Ratio; Auto Adjust; AV Mute; Digital Zoom; Freeze; ID set; Optional Presentation and Mouse Control |
|----------------|-----------------------------------------------------------------------------------------------------------|

## Electrical

|                       |                                                                  |
|-----------------------|------------------------------------------------------------------|
| Power Supply          | 120-240 V AC; 50 - 60 Hz                                         |
| Power Consumption [W] | 335 (Normal) / 177 (Eco) / 2 (Network Stand-by) / 0.5 (Stand-by) |

## Mechanical

|                             |                                         |
|-----------------------------|-----------------------------------------|
| Dimensions (W x H x D) [mm] | 405 x 137 x 358 (without lens and feet) |
| Weight [kg]                 | 7.95                                    |
| Fan Noise [dB (A)]          | 27 / 37 (Eco / Normal)                  |
| Colour Versions             | White                                   |

## Environmental Conditions

|                            |           |
|----------------------------|-----------|
| Operating Temperature [°C] | 0 to 40   |
| Operating Humidity [%]     | 20 to 88  |
| Storage Temperature [°C]   | -10 to 50 |

## Ergonomics

|              |               |
|--------------|---------------|
| Speakers [W] | 1 x 16 (mono) |
|--------------|---------------|

## Additional Features

|                         |                                                                                                                                  |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Special Characteristics | AMX Beacon; Auto Eco Mode; Carbon Savings Meter; Colour Management; Content Transmission via Network; Crestron RoomView; PJ LINK |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------|

## Green Features

|                      |                                                                |
|----------------------|----------------------------------------------------------------|
| Ecological Materials | 100% recyclable packaging; Downloadable manuals; ECO packaging |
|----------------------|----------------------------------------------------------------|

## 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 (RD-477E); Mini D-SUB Signal Cable (1.8 m); Quick Setup Guide; Security Sticker; Users Manual on CD-ROM; Utility software |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|

## Optional Accessories

|                      |                                    |
|----------------------|------------------------------------|
| Optional Accessories | Universal Ceiling Mounts (PJ01UCM) |
|----------------------|------------------------------------|

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

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.

This document is © 2022 Sharp NEC Display Solutions Europe GmbH.

All rights reserved in favour of their respective owners. All hardware and software names are brand names and/or registered trademarks of the respective manufacturers. All specifications are subject to change without notice. Errors and omissions are excepted. 14.06.2022