

NEC PV710UL
Laser Projector

Preliminary Datasheet



Benefits

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

Impress with vivid colour & contrast - brilliant white and wide colour space with high dynamic contrast supporting HDR10 standard via HDMI interface.

Get Great Performance - while not compromising on quality and ease of use.

Low Noise Level - with 30dB*, the silent technology will not disturb your meeting.

Product Information

Product Name	NEC PV710UL
Product Group	Laser Projector
Order Code	60005575 (W), 60005845 (B)

Image

Projection Technology	3LCD Technology
Native Resolution	1920 x 1200 (WUXGA)
Aspect Ratio	16:10
Contrast Ratio ¹	3000000:1
Brightness ¹	7100 ANSI Lumen
Lamp	Laser Light Source
Light Source Life [hrs]	20000 ²
Lens	5 manual lens options; 5 motorized lens options
Lense Adjustment	Motorized and manual (depending on lens)
Lens shift	H:±20, V:+10,-50
Keystone correction	+/- 30° manual horizontal / +/- 30° manual vertical
Projection Factor	depending on lens selection (std. option NP13ZL at 1.46-2.95:1)
Projection Distance [m]	0.7 - 50.9
Screen Size (diagonal) [cm] / [inch]	Maximum: 1,270 / 500"; Minimum: 101.6 / 40"
Zoom	Motorized and manual (depending on lens)
Focus Adjustment	Motorized and manual (depending on lens)
Supported Resolutions	1080i/50/60; 1280 x 768 (60); 3840 x 2160 (23.8/ 576p/50; 1080p/50/60; 1920 x 1200 (60); 24/25/29.97/30); 720p/60 480p/60;
Frequency	Horizontal: analog: 0-0 kHz, digital: 15/24-100 kHz; Vertical: 50 - 120 Hz

Connectivity

Digital	Input: 1 x HDBaseT; 2 x HDMI™ supporting HDCP 1.4
Audio	Input: 1 x HDBaseT audio support; 2 x HDMI audio support Output: 1 x 3.5 mm Stereo Mini Jack (variable)
Control	Input: 1 x 3.5 mm Stereo Mini Jack (Wired Remote); 1 x D-Sub 9 pin (RS-232), Ethernet
LAN	1 x RJ45
USB	1 x Type A (USB 2.0 high speed)

Remote Control

Input:	1 x 3.5 mm Stereo Mini Jack
Remote Control	Audio Control; Digital Zoom; Geometric Correction; HDMI; ID Select; ID set; Keystone Correction; Picture Adjust; Picture Mute; Power (On-OFF); Select (up, down, left, right); Shutter function; Source Select; Test Picture; Wired / Wireless Connection; Zoom/Focus and Lens Shift Control

Electrical

Power Supply	100-240 V AC; 50 - 60 Hz
Power Consumption [W]	443 (High Bright) / 403 (Eco) / 0.8 (Network Stand-by) / 0.5 (Stand-by)

Mechanical

Dimensions (W x H x D) [mm]	407 x 499 x 164 (without lens and feet)
Weight [kg]	11.2

Fan Noise [dB (A)] 31 / 40 (Eco / Normal)

Colour Versions Black; White

Environmental Conditions

Operating Temperature [°C] 0 to 40

Operating Humidity [%] 20 to 80 non-condensing

Storage Temperature [°C] -10 to 50

Storage Humidity [%] 20 to 80 non-condensing

Ergonomics

Safety and Ergonomics CE; EAC; ErP; RoHS; TUEV Type Approved

Additional Features

Special Characteristics AMX Beacon; Cinema Quality Picture (CQP) Processing for best image quality; Crestron RoomView; DICOM simulation; Direct Power-Off Function; Free Tilt; HDBaseT; High Altitude Mode; HTTP Browser Control; Keystone Correction (H=±30°, V=±30°); LAN control; Lens Memory; Lens Shift (vertical +0.5 max/-0.1 max, horizontal ± 0.3 max.); Light Source Adjustment; Manual Wall Color Correction; NaViSet Administrator 2; Optional User Logo; OSD with 27 languages; Password Security System; PJ LINK; Portrait Setting; RS-232 Control; Test Pattern; Up to 20,000 hrs Light Source Life

Green Features

Energy Efficiency ECO scheduler; Intelligent Power Management; Less than 0.3W Stand-By power; Longer Light Source Life; Software scheduling; Timer-Function

Ecological Materials 100% recyclable packaging; Downloadable manuals

Ecological Standards ErP compliant

Warranty

Projectors 3 years pan-European service

Light Source 3 years or 10000h (whatever comes first)

Shipping Content

Shipping Contents IR Remote Control (RD-480E); Power Cord; Projector; Quick Setup Guide

Optional Accessories

Optional Accessories 10 optional bayonet lenses; Air Filter (NP-06FT); Cable Cover (NP10CV, NP10CV-B); Universal Ceiling Mounts (PJ01UCM, PJ02UCMPF)

Lenses - motorized NP40ZL (0.79-1.11:1); NP41ZL (1.3-3.02:1); NP43ZL (2.99-5.93:1); NP44ML-PA4 (0.32:1); NP50ZL (0.6-0.75:1)

Lenses - manual NP11FL (0.79:1); NP12ZL (1.16-1.52:1); NP13ZL (1.46-2.95:1); NP14ZL (2.9-4.68:1); NP15ZL (4.59-7.02:1)

¹ Compliance with ISO21118-2012

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



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DO NOT LOOK DIRECTLY INTO THE BEAM.

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