Professional Value LCD Laser Installation Projector

NEC PV710UL

LASER PHOSPHOR

Cost-effective LCD-based laser projector with interchangeable lenses

A highly economical projection solution, the PV710UL offers essential installation flexibility, low maintenance and long-life laser performance, yet remains impressively cost-efficient and conveniently compact.

3LCD technology generates brilliantly vivid colour, which, at 7100 Lm brightness, promotes an outstanding visual perception. A broad range of interchangeable lens options are available, alongside essential professional features.

The PV710UL offers the ideal upgrade path to transition to long-life, maintenance-free laser light source technology. Using the same mount and lenses as the lamp-based NEC PA Series projectors, operators can gain additional cost savings by utilising existing assets. For visualisation in large spaces, the PV710UL offers outstanding value for higher education, corporate, leisure and hospitality sectors.

Benefits

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

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

Low Noise Level – with 31dB, the silent technology will not disturb your meeting.

Impress with vivid colour & contrast – brilliant white and wide colour space with high dynamic contrast.

Specifications

Product Information

Product Name
NEC PV710UL

Product Group
Professional Value LCD Laser Installation Projector

Order Code
60005575 (W), 60005845 (B)

Image

Projection Technology
3LCD Technology

Native Resolution
1920 x 1200
(WUXGA)

Aspect Ratio
16:10

Contrast Ratio
3000000:1

Brightness
7100 Lm Normal / 7400 Lm Center / 6400 Lm Silent Mode; compliant with ISO21118-2012

Lamp
Laser Light Source

Light Source Life [hrs]
20000 [1]

Lens
5 manual lens options; 5 motorized lens options

Lense Adjustment
Motorized and manual (depending on lens)

Lens shift
H:±20, V:+50,-10

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;	1920 x 1200 (60);	480p/60;
1080p/50/60;	3840 x 2160 (23.8/ 24/25/29.97/30);	576p/50;
1280 x 768 (60);		720p/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]
434.0 Normal / 392.0 Silent Mode / 2.0 Network Stand-by / 0.5 Stand-by

Mechanical

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

Weight [kg]
11.2

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

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 ± 0.2 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 Content
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 (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] 50% of initial brightness at the end of specified laser life time at 25 degree ambient temperature.

* 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 (changing to RG3 with the use of NP15ZL, NP43ZL lens.)
DO NOT LOOK DIRECTLY INTO THE BEAM.

ErP

TUEV Type Approved

RoHS

CE

This document is © 2026 Sharp 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. 04.09.2026