

IMAGE

Projection Technology

3LCD Technology

Native Resolution

1920 x 1200
(WUXGA)

Aspect Ratio

16:10

Contrast Ratio ¹

3000000:1

Brightness ¹

7500 ANSI Lumen (approx. 80% in Eco Mode), with std. optional lense

Brightness (Boost Mode)

8200 ANSI Lumen

Lamp

Laser Light Source

Light Source Life [hrs]

20000 ²

Lens

4 motorized lens options; 5 manual lens options

Lense Adjustment

Motorized and manual (depending on lens)

Lens shift

H:±20, V:+10,-50

Keystone correction

+/- 40° manual horizontal / +/- 40° manual vertical

Projection Factor

depending on lens selection (std. option NP41ZL at 1.3-3.02:1)

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

4096 x 2160 (4k);	1920x1200 (WUXGA)	720p/60;	576p/50;
2560 x 1600	- 640x480 (VGA);	720p/50;	480p/60;
(WQXGA);	1080i/50/60;	576i/50;	480i/50
2048 x 1080 (2k);	1080p/24/25/30/50/60;		

Frequency

Horizontal: analog: 15/24-100 kHz, digital: 15/24-153 kHz; Vertical: analog: 48-120 Hz, digital: 48-120 Hz

CONNECTIVITY

RGB (analog)

Input: 1 x Mini D-sub 15-pin, compatible to component (YPbPr)

Digital

Input: 1 x DisplayPort; 1 x HDBaseT; 2 x HDMI™ supporting HDCP 2.2
Output: 1 x HDBaseT supporting HDCP 2.2

Audio

Input: 1 x DisplayPort Audio support; 1 x HDBaseT audio support; 2 x 3.5 mm Stereo Mini Jack for Computer analog; 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)

3D Sync

Output: 1 x Mini DIN 3pin

REMOTE CONTROL

Remote Control

Audio Control; Digital Zoom; DisplayPort; Geometric Correction; HDMI; ID Select; ID set; Keystone Correction; Picture Adjust; Picture Mute; PIP Function; Power (On-OFF); Select (up, down, left, right); Source Select; Zoom/Focus and Lens Shift Control

ELECTRICAL

Power Supply

100-240 V AC; 50 - 60 Hz

Power Consumption [W]

615 (Normal) / 350 (Eco) / 0.8 (Network Stand-by) / 0.28 (Stand-by)

MECHANICAL

Dimensions (W x H x D) [mm]

599 x 208 x 490 (without lens and feet)

Weight [kg]

24.1

Fan Noise [dB (A)]

28 / 30 (Eco / Normal)

Colour Versions

Black; White

ENVIRONMENTAL CONDITIONS

Operating Temperature [°C]

5 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

3D ready; 4K/60Hz interfaces; Active 3D; AMX Beacon; Built-in Display/Multiscreen Splitter; Cinema Quality Picture (CQP) Processing for best image quality; Crestron RoomView; DICOM simulation; Digital 3D Reform™; Direct Power-Off Function; Edge Blending Function; Free Tilt; Geometric Correction; HDBaseT; HDBaseT-out signal connection; HDR10 Support; High Altitude Mode; Hollywood Quality Video Processing for best image quality; HTTP Browser Control; Keystone Correction (H=±40°, V=±40°); LAN control; Lens Memory; Lens Shift (vertical +0.5 max/-0.1 max, horizontal ± 0.3 max.); Light Source Adjustment; Manual Wall Color Correction; Multi-Screen compensation mode; NaViSet Administrator 2; Optional User Logo; OSD with 27 languages; Password Security System; PIP/Side by Side, HDMI - Input; PJ LINK; Portrait Setting; Rec2020 to Rec709 colour conversion; RS-232 Control; Seamless Switching; Stacking Function; Test Pattern; Timer-Function; UHD player support; Up to 20,000 hrs Light Source Life; Virtual Remote for direct PC control

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; Users Manual on CD-ROM

OPTIONAL ACCESSORIES

Optional Accessories

10 optional bayonet lenses; 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)

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)