

Projection Technology

3LCD Technology

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Native Resolution

1920 x 1200  
(WUXGA)

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Aspect Ratio

16:10

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Contrast Ratio <sup>1</sup>

8000:1

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Brightness <sup>1</sup>

6500 ANSI Lumen (approx. 80% in Eco Mode), with std. optional lens

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Lamp

370 W UHP AC (280 W UHP AC Eco Mode)

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Lamp Life [hrs]

4000 (5000 Eco Mode)

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Lens

3 motorized lens options; 5 manual lens options

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Lense Adjustment

Motorized and manual (depending on lens)

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Keystone correction

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

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Projection Factor

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

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Projection Distance [m]

0.7 – 50.9

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Screen Size (diagonal) [cm] / [inch]

(best performance range); Maximum: 1,270 / 500"

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Zoom

Motorized and manual (depending on lens)

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Focus Adjustment

Motorized and manual (depending on lens)

## Supported Resolutions

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

3D Setup; Aspect Ratio; Audio Control; Auto Adjust; DisplayPort; Eco Mode Control; Edge-Blending; Freeze-function; Geometric Correction; HDMI; Help-function; Magnify-function; Multiscreen; Page (up, down); PBP/POP Function; Picture Adjust; Picture Mute; PIP Function; Power (On-OFF); Select (up, down, left, right); Source Select; Test Picture

## ELECTRICAL

### Power Supply

100-240 V AC; 50 - 60 Hz

## Power Consumption [W]

482 (Normal) / 376 (Eco) / 1 (Network Stand-by) / 0.26 (Stand-by)

## MECHANICAL

### Dimensions (W x H x D) [mm]

499 x 163.7 x 406 (without lens and feet)

### Weight [kg]

10.2

### Fan Noise [dB (A)]

33 / 39 (Eco / Normal)

## 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

4K/60Hz interfaces; Active 3D; AMX Beacon; Built-in Display/Multiscreen Splitter; Cinema Quality Picture (CQP) Processing for best image quality; Contrast Ratio 10000:0 with Iris; Crestron RoomView; DICOM Simulation; Digital 3D Reform™; Direct Power-Off Function; Edge Blending Function; Free Tilt; Geometric Correction; 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; Long Life Lamp; 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 5,000 hrs lamp life; Virtual Remote for direct PC control

## GREEN FEATURES

### Energy Efficiency

ECO scheduler; Intelligent Power Management; Less than 0.3W Stand-By power; Longer lamp 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

6 months, max. 1000 hrs

## SHIPPING CONTENT

### Shipping Contents

IR Remote Control (RD - 466E); Power Cord; Projector; Quick Setup Guide; Users Manual on CD-ROM

## OPTIONAL ACCESSORIES

### Optional Accessories

8 optional bayonet lenses; Air Filter (NP06FT); Cable Cover (NP10CV); Ceiling Mount Kit; Lamp (NP42LP); MultiPresenter Stick; XpanD 3D Glasses (X105-RF-X2); XpanD 3D RF Emitter (AD025-RF-X2)

### Lenses - motorized

NP40ZL (0.79-1.11:1); NP41ZL (1.3-3.02:1); NP43ZL (2.99-5.93:1); NP44ML (0.32:1)

### Lenses - manual

NP11FL (0.81:1); NP12ZL (1.16-1.56:1); NP13ZL (1.46-2.95:1); NP14ZL (2.9-4.68:1); NP30ZL (0.79-1.04:1)