

IMAGE

Projection Technology
3LCD Technology

Native Resolution
1024 x 768 (XGA)

Aspect Ratio
4:3

Contrast Ratio ¹
6000:1

Brightness ¹
3000 ANSI Lumen (approx. 75% in Normal, 60% in Eco Mode)

Lamp
235 W High Bright / 170 W Normal / 140 W Eco Mode

Lamp Life [hrs]
8000 Eco / 5000 Normal / 4000 High Bright Mode

Lens
F= 1.8, f= 4.78 mm

Lens Offset [%]
75

Keystone correction
+/- 10° manual horizontal / +/- 10° manual vertical

Projection Angle [°]
53.1

Projection Factor
0.36 : 1

Projection Distance [m]
0.1 – 0.51

Screen Size (diagonal) [cm] / [inch]
Maximum: 296.2 / 116"; Minimum: 156.2 / 61.5"

Zoom
1.4 x Digital Zoom

Focus Adjustment
Manual

Supported Resolutions

1920 x 1200 (WUXGA);	1440 x 900 (WXGA+);	1280 x 800 (WXGA);	800 x 600 (SVGA);
1920 x 1080 (HDTV 1080i/60; HDTV 1080i/50);	1400 x 1050 (SXGA+);	1280 x 768 (WXGA);	720 x 576 SDTV 480p/480i;
1680 x 1050 (WSXGA+);	1366 x 768 (WXGA);	1280 x 720 (HDTV 720p);	720 x 480 SDTV 576p/576i;
1600 x 1200 (UXGA);	1360 x 768 (WXGA);	1152 x 870 (MAC 21");	640 x 480 (VGA/MAC 13")
1600 x 900 (WXGA++);	1280 x 1024 (SXGA+);	1152 x 864 (XGA);	
	1280 x 1024 (MAC 23");	1024 x 768 (XGA);	
	1280 x 960 (SXGA);	832 x 624 (MAC 16");	

Frequency

Horizontal: 15–100 kHz (RGB: 24 kHz– 100 kHz); Vertical: 50 – 120 Hz

CONNECTIVITY

RGB (analog)

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

Output: 1 x Mini D-sub 15 pin

Digital

Input: 1 x HDMI™ (Deep Color, Lip sync); 1 x HDMI™ with MHL support

Video

Input: 1 x RCA

Audio

Input: 1 x 3.5 mm Stereo Mini Jack; 1 x RCA Stereo

Output: 1 x 3.5 mm Stereo Mini Jack (variable)

Microphone

Input: 1 x 3.5 mm Stereo Mini Jack (Dynamic mic)

Control

Input: 1 x D-Sub 9 pin (RS-232) (male)

LAN

1 x RJ45; Optional WLAN

USB

1 x Type B; 2 x Type A (USB 2.0 high speed)

Video Signals

NTSC; NTSC 3.58; NTSC 4.43; PAL; PAL-M; PAL-N; PAL60; SECAM

REMOTE CONTROL

Remote Control

Aspect Ratio; Audio Control; Auto Adjust; AV Mute; Digital Zoom; Direct Source Select; Freeze; Help Eco Mode; Help-function; ID set; Picture Adjust; Presentation and Mouse Control

ELECTRICAL

Power Supply

100-240 V AC; 50 - 60 Hz

Power Consumption [W]

227 (Normal) / 190 (Eco) / 3 (Network Stand-by) / 0.5 (Stand-by); 285 (High Bright)

MECHANICAL

Dimensions (W x H x D) [mm]

378 x 112 x 428 (without lens and feet)

Weight [kg]

5.5

Fan Noise [dB (A)]

27 / 27 / 35 (ECO / Normal / High Bright)

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; Gost-R; RoHS; TÜV GS

Speakers [W]

1 x 20 (mono)

ADDITIONAL FEATURES

Special Characteristics

AMX Beacon; Auto Eco Mode; Auto Power ON/OFF; Carbon Savings Meter; Colour Management; Content Transmission via Network; Crestron RoomView; DICOM Simulation; Direct Power-Off Function; High Altitude Mode; Kensington security slot; Keypad Lock; Magnify; NaViSet Administrator 2; Off-Timer; Optional User Logo; Optional WLAN; OSD with 29 languages; Password Security System; PJ LINK; Quick On/Off; Remote control and administration via LAN and RS232; Security Bar; Test Pattern; USB Display; USB Viewer for JPEG; Virtual Remote for direct PC control; Wall Colour Correction

GREEN FEATURES

Energy Efficiency

75 % AV mute function; Auto ECO Mode; ECO scheduler; Green one touch ECO and AV mute button; Intelligent Power Management; Longer lamp life; Reduced power consumption. Only 0.4W stand-by; Software scheduling

Ecological Materials

100% recyclable packaging; Downloadable manuals; ECO packaging

Ecological Standards

ErP compliant; RoHs compliant

WARRANTY

Projectors

3 years pan-European service

Light Source

6 months, max. 1000 hrs

SHIPPING CONTENT

Shipping Contents

IR Remote Control (RD-469E); Mini D-SUB Signal Cable; Power Cord (3 m); Quick Setup Guide; Security Sticker; Users Manual on CD-ROM; Wall-mount kit NP04WK