\Orchestrating a brighter world NEC

M333XS

Professional Short-Throw Projector

Datasheet





The excellent price performance ratio makes this projector especially suitable for classrooms and mid-sized meeting rooms. The filter free design with dust-protected DLP light engine, very long lamp life and low power consumption results into remarkably low cost of ownership. Various innovative new ECO functions such as the Ambient Light Sensor help to significantly reduce power consumption. A vast number of input terminals boosts connectivity and allows advanced interactive multimedia capabilities.

The interactive Multi-pen option and optional DisplayNote Presenter software turn this short-throw projector into the centerpiece of a modern learning and meeting environment.

Benefits

Connect and share – with up to 40 wireless devices with the NEC Image Express Utility (Windows & MAC) as well as Wireless Image Utility (iOS & Android) software.

Less Shadow and Glare – not standing in the light beam gives you more space to engage with your audience when presenting.

Optional Multi-pen and Touch Interactivity – with auto-calibration on any kind of surface.

Robust and dust resistant – thanks to sealed DLP light engine.

Great connectivity – due to numerous analog and digital connection terminals as well as network capability.

Low cost of ownership – up to 8000h lamp life, low power consumption.

Product Information

Product Name	M333XS
Product Group	Professional Short-Throw Projector
Order Code	60003974

Image

Projection Technology	1-chip DLP™ Technology
Native Resolution	1024 x 768 (XGA)
Aspect Ratio	4:3
Contrast Ratio [1]	10000:1
Brightness [1]	3300 ANSI Lumen (approx. 75% in Eco Mode)
Lamp	270 W AC (162 W AC Eco Mode)
Lamp Life [hrs]	8000 Eco / 5500 Normal / 3500 High Bright Mode
Lens	F= 2.4, f= 6.5 mm
Projection Angle [°]	40.7 - 40.9
Projection Factor	0.56 : 1
Projection Distance [m]	0.68 – 1.76
Screen Size (diagonal) [cm] / [inch]	152.4 / 60" - 381 / 150"
Zoom	Digital Zoom
Focus Adjustment	Manual
Supported Resolutions	1920 x 1080 (HDTV 1080i/60; HDTV 1080i/50); 1680 x 1050 (WSXGA+); 1600 x 1200 (UXGA); 1600 x 900 (WXGA++); 1440 x 900 (WXGA+); 1400 x 1050 (SXGA+); 1366 x 768 (WXGA); 1360 x 768 (WXGA); 1280 x 1024 (Maximum resolution of digital input); 1280 x 1024 (SXGA); 1280 x 1024 (MAC 23"); 1280 x 960 (SXGA); 1280 x 800 (WXGA); 1280 x 768 (WXGA); 1280 x 720 (HDTV 720p); 1152 x 870 (MAC 21"); 1152 x 864 (XGA); 1024 x 768 (XGA); 832 x 624 (MAC 16"); 800 x 600 (SVGA); 720 x 576 SDTV 480p/480i; 720 x 576 (DVD progressive); 720 x 480 SDTV 576p/576i; 720 x 480 (SDTV 480p); 640 x 480 (VGA/MAC 13")
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: 2 x HDMI™ (Deep Color, Lip sync)
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 Monaural Mini Jack (Dynamic mic / Condenser mic)
Control	Input: 1 x D-Sub 9 pin (RS-232) (male)
LAN	1 x RJ45; Optional WLAN
USB	1 x Type A (USB 2.0 high speed); 1 x Type B
3D Sync	Output: 1 x Mini DIN 3pin
Video Signals	NTSC; NTSC 4.43; PAL; PAL-M; PAL60; SECAM

Remote Control

Remote Control	Aspect Ratio; Audio Control; Auto Adjust; Automatic Picture Adjustment; AV Mute; Digital Zoom; Freeze; Help Eco Mode; ID set; Keystone Correction; Lamp Mode Control; Magnify-function; Optional Presentation and Mouse Control; Picture Adjust; Source Select

Electrical

Power Supply	100-240 V AC; 50 - 60 Hz
Power Consumption [W]	278 (Normal) / 246 (Eco) / 2.9 (Network Stand-by) / 0.4 (Stand-by); 335 (High Bright)

Mechanical

Dimensions (W x H x D) [mm]	368 x 97 x 286 (without lens and feet)
Weight [kg]	3.7
Fan Noise [dB (A)]	30 / 30 / 36 (ECO / Normal / High Bright)

Environmental Conditions

Operating Temperature [°C]	5 to 40
Operating Humidity [%]	20 to 80
Storage Temperature [°C]	-10 to 50
Storage Humidity [%]	20 to 80

Ergonomics

Safety and Ergonomics	CE; EAC; Gost-R; RoHS; TUEV Type Approved
Speakers [W]	1 x 20 (mono)

Additional Features

Special Characteristics	3D ready; Ambient Light Sensor; Auto Eco Mode; Auto Power-ON Function; Automatic and manual Keystone Correction (V= +/-30°); Carbon Savings Meter; Colour Management; Constant Brightness Mode; Content Transmission via Network; Crestron RoomView; DICOM Simulation; Direct Power-Off Function; Full 3D DLP® LINK support; 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; Quick Start; Remote control and administration via LAN and RS232; Security Bar; Simple Access Point; 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; ImageCare® Technology; 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; WEEE

Warranty

Projectors	3 years pan-European service
Light Source	6 months, max. 1000 hrs

Shipping Content

Shipping Contents	IR Remote Control (RD-469E); Lens Cap; Mini D-SUB Signal Cable; Power Cord (3 m); Quick Setup Guide; Security Sticker; Users Manual on CD-ROM

Optional Accessories

Optional Accessories	Cable Cover (NP05CV); DisplayNote; DLP-Link 3D Glasses (NP02GL, VolfoniFit); Interactive Unit (NP03Wi); Lamp (NP30LP); Wall Mount Kit (NP05WK); Wireless LAN module (NP05LM)

[1] Compliance with ISO21118-2012



TUEV Type Approved



CE



Gost-R



RoHS

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