Empowered by Innovation

NEC M311X

Order Code: 60003405

NEC M311X Professional Desktop Projector

Get great performance while saving the environment. Advanced Eco features help to substantially lower your operating cost without compromising on quality and flexibility. Go wide with your presentations and play video content in native format.

The M311X is particularly suited for classrooms and small to medium sized meeting rooms.



DELIVERING GENUINE BENEFITS

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

Intuitive Use - of latest Eco and projection technology due to user-centric design.

Large Flexibility - in positioning the projector and minimized cost for replacements.

Save the Environment - with latest Eco technology by minimizing your power consumption and consumables replacements.

Free DisplayNote Presenter Licence - present, share, collaborate with multiple participants across multiple devices (available until March 2014). Visit www.displaynote-nec.com.

Free Download of Multi-Display Management Software - with NaViSet Administrator 2 you can manage all your connected display devices from a centralized location.

OUTSTANDING PERFORMANCE

- **Maximum Flexibility** with large 1.7x optical zoom
- **Minimized Cost of Ownership** due to long lamp life and filter cleaning intervals
- **Innovative ECO Functions** to reduce power consumption
- **Great Connectivity** due to numerous analog and digital connection terminals as well as network capability
- **Intuitive and Easy Operation** with user centric design and lens cover

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SPECIAL CHARACTERISTICS

Auto Eco Mode, Automatic and manual Keystone Correction (V= +/-30°), Carbon Savings Meter, Colour Management, Content Transmission via Network, Contrast Ratio 3000:1 with Iris, Control and administration via LAN, Crestron RoomView, DICOM Simulation, Direct Power-Off Function, FREE DisplayNote Presenter, High Altitude Mode, Kensington security slot, Keypad Lock, Lens Cover, Magnify, NaViSet Administrator 2, Optional User Logo, Optional WLAN, OSD with 29 languages, Password Security System, Quick On/Off, RS-232 Control, Security Bar, USB Display, USB Viewer for JPEG, Virtual Remote for direct PC control, Wall Colour Correction, 100% recyclable packaging, Auto ECO Mode, Green one touch ECO and AV mute button, 75% AV mute function, Downloadable manuals, ECO scheduler, RoHs compliant, ECO packaging, ErP compliant, Intelligent Power Management, WEEE, Longer lamp life, Reduced power consumption. Only 0.4W stand-by, Software scheduling



Energy Efficiency — Auto ECO Mode; Green one touch ECO and AV mute button; 75% AV mute function; ECO scheduler; 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 — RoHs compliant; ErP compliant; WEEE

Technical Specification NEC M311X

IMAGE	
Display	3 x 1.6 cm (0.63") p-Si LCD Panel with MLA
Native Resolution	1024 x 768 (XGA)
Aspect Ratio	4:3
Contrast Ratio [1]	3000:1
Brightness [1]	3100 High Bright / 2480 Normal / 1860 Eco ANSI Lumens
Lamp	180W AC High Bright / 145 W AC Normal / 110W AC Eco Mode
Lamp Life [hrs]	10000 Eco / 6000 Normal / 5000 High Bright Mode
Lens	F= 1.7–2.2, f= 17.5–29 mm
Projection Factor	1.3 – 2.2 : 1
Projection Distance [m]	0.6 – 13.8
Screen Size (diagonal) [cm] / [inch]	Minimum: 63.5 / 25", Maximum: 762 / 300"
Zoom	Manual
Focus Adjustment	Manual
Supported Resolutions	1920 x 1200 (WUXGA); 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); 1280 x 1024 (SXGA); 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 (SDTV 576p/576i); 720 x 480 SDTV 576p/576i; 720 x 480 (SDTV 480p/480i); 640 x 480 (VGA/MAC 13")
Frequency	Horizontal: 15–100 kHz (RGB: 24 kHz– 100 kHz); Vertical: 50 – 120 Hz
CONNECTIVITY	
RGB (analog)	Input: 2 x Mini D-sub 15-pin, compatible to component (YPbPr) Output: 1 x Mini D-sub 15 pin
HDMI™	Input: 1 x HDMI™ (Deep Color, Lip sync)
Video	Input: 1 x RCA
S-Video	Input: 1 x Mini DIN 4-pin
Audio	Input: 2 x 3.5 mm Stereo Mini Jack; 2 x RCA Stereo Output: 1 x 3.5 mm Stereo Mini Jack (variable)
PC Control	Input: 1 x D-Sub 9 pin (RS-232) (male)
LAN	1 x RJ45
USB	1 x Type B; 2 x Type A (USB 2.0 high speed)
Video Signals	PAL; PAL60; NTSC; SECAM; NTSC 4.43; PAL-N; PAL-M
REMOTE CONTROL	
Remote Control	Aspect Ratio; Audio Control; Auto Adjust; AV Mute; Digital Zoom; Freeze; Help Eco Mode; ID set; Optional Presentation and Mouse Control; Picture Adjust; Picture Mode; Source Select
ELECTRICAL	
Power Supply	100-240 V AC; 50 - 60 Hz
Power Consumption [W]	239 (High Bright); 193 (Normal) / 172 (Eco) / 8 (Network Stand-by) / 0.4 (Stand-by)
MECHANICAL	
Dimensions (W x H x D) [mm]	339 x 99 x 257 (without lens and feet)
Weight [kg]	2.99
Fan Noise [dB (A)]	26 / 26 / 33 (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; ErP; TÜV GS; RoHS; Gost-R
Speakers [W]	1 x 10 (mono)
WARRANTY	
Projectors	3 years pan-European service
Lamp	6 months, max. 1000 hrs
SHIPPING CONTENT	
Shipping Contents	IR Remote Control (RD-448E); Mini D-SUB Signal Cable (1.8 m); Power Cord (1.8 m); Utility software; Security Sticker; Soft Case; Users Manual on CD-ROM; Quick Setup Guide
OPTIONAL ACCESSORIES	
Optional Accessories	DisplayNote; Lamp (NP15LP); Wireless LAN module NP02LM2 (Europe), NP02LM3 (Russia)

[1] Compliance with ISO21118-2005