NEC M420X

Get great performance while saving the environment. Advanced Eco features help to substantially lower your operating cost without compromising on quality and flexibility. The M420X is particulary suited for big classrooms and big meeting rooms.

DELIVERING GENUINE BENEFITS

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

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

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

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

Peace of Mind with future-proof connectivity.

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

SPECIAL CHARACTERISTICS

Auto Eco Mode; Auto Power ON/OFF; Automatic and manual Keystone Correction (V= +/-30°); Carbon Savings Meter; Colour Management; Content Transmission via Network; Control and administration via LAN; DICOM Simulation; Direct Power-Off Function; High Altitude Mode; Kensington security slot; Keypad Lock; lens cover; Magnify; Off-Timer; Optional User Logo; Optional WLAN; OSD with 27 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

ECO Innovation: Auto ECO Mode; Green one touch ECO and AV mute button; 75% AV mute function

Energy Efficiency: 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

Technical Specification NEC M420X	
IMAGE	
Display	3 x 1.6 cm (0.63") p-Si LCD Panel with MLA
Native Resolution	1024 x 768 (XGA)
Brightness [1]	4200 ANSI Lumens (approx. 75% in Eco Mode)
Contrast Ratio [1]	2000:1
Lamp	265 W AC (195 W AC Eco Mode)
Lamp Life [hrs]	3000 (3500 Eco Mode)
Lens	F= 1.7–2.1, f= 17.5–29.0 mm
Projection Factor	1.3 – 2.2 : 1
Projection Distance [m]	0.6 – 13.8
Screen Size (diagonal) [cm]	Minimum: 63.5 / 25"; Maximum: 762 / 300"
Zoom	Manual
Focus Adjustment	Manual
Supported Resolutions	1366 x 768 (WXGA); 1360 x 768 (WXGA); 1440 x 900 (WXGA+); 720 x 576 (SDTV 576p/576i); 1680 x 1050 (WSXGA+); 720 x 480 (SDTV 480p/480i); 640 x 480 (VGA/MAC 13"); 1280 x 720 (HDTV 720p); 1280 x 768 (WXGA); 1280 x 800 (WXGA); 1280 x 1024 (SXGA); 1400 x 1050 (SXGA+); 1600 x 900 (WXGA++); 1152 x 870 (MAC 21"); 1600 x 1200 (UXGA); 1920 x 1080 (HDTV 1080i/60; HDTV 1080i/50); 1152 x 864 (XGA); 1024 x 768 (XGA); 800 x 600 (SVGA); 832 x 624 (MAC 16"); 720 x 576 SDTV 480p/480i; 720 x 480 SDTV 576p/576i; SDTV 480p/576p
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
Video	Input: 1 x RCA
HDMI®	Input: 1 x HDMI® (Deep Color, Lip sync)
S-Video	Input: 1 x Mini DIN 4-pin
Audio	Input: 2 x 3.5 mm Stereo Mini Jack; Input: 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	2 x Type A (USB 2.0 high speed); 1 x Type B
Video Signals	PAL; PAL60; NTSC; SECAM; NTSC 4.43; PAL-N; PAL-M
REMOTE CONTROL	
Remote Control	Source Select; Auto Adjust; Aspect Ratio; Picture Adjust; Audio Control; Picture Mode; Freeze; Help Eco Mode; Digital Zoom; Presentation and Mouse Control; AV Mute; ID set
ELECTRICAL	
Power Supply	100-240 V AC; 50 - 60 Hz
Power Consumption [W]	343 (Normal) / 264 (Eco) / 8 (Network Stand-by) / 0.4 (Stand-by)
MECHANICAL	
Dimensions (W x H x D) [mm]	398 x 115 x 282 (without lens and feet)
Weight [kg]	3.6
Fan Noise [dB (A)]	30 / 36 (Eco / Normal)
ENVIRONMENTAL CONDITIONS	
Operating Temperature [°C]	5 to 40
Operating Humidity [%]	20 to 80
Storage Temperature [°C]	-10 to 50
Storage Humidity [%]	20 to 80
OPTIONAL ACCESSORIES	
Optional Accessories	Lamp (NP17LP); Wireless LAN module (NP02LM2)
ERGONOMICS	
Safety and Ergonomics	CE; TÜV GS; ErP; 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; Users Manual on CD-ROM; Quick Setup Guide

[1]Compliance with ISO21118-2005

Empowered by Innovation

NEC