

## M403X

Professional Desktop 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.

**The optional DisplayNote licence adds the possibility for interactive, mobile presentation with tablets.**

## 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.

**Maximum flexibility** – due to large 1.7x optical zoom, horizontal and vertical keystone correction.

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

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

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

## Product Information

Product Name	M403X
Product Group	Professional Desktop Projector
Order Code	60003979

## Image

Projection Technology	1-chip DLP™ Technology			
Native Resolution	1024 x 768 (XGA)			
Aspect Ratio	4:3			
Contrast Ratio <sup>1</sup>	10000:1			
Brightness <sup>1</sup>	4000 ANSI Lumen (approx. 75% in Eco Mode)			
Lamp	270 W AC (162 W AC Eco Mode)			
Lamp Life [hrs]	8000 Eco / 5000 Normal / 3500 High Bright Mode			
Lens	F= 2.4–3.1, f= 17.09–29.05 mm			
Keystone correction	+/- 25° manual horizontal / +/- 30° automatic / manual vertical			
Projection Angle [°]	10.5 - 17.6			
Projection Factor	1.5 - 2.5 : 1			
Projection Distance [m]	0.9 - 16			
Screen Size (diagonal) [cm] / [inch]	76.2 / 30" - 762 / 300"			
Zoom	Manual			
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
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## 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]	367.9 x 97.5 x 285.9 (without lens and feet)
Weight [kg]	3.6
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; 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
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## 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); Mini D-SUB Signal Cable; Power Cord (1.8 m); Quick Setup Guide; Security Sticker; Soft Case; Users Manual on CD-ROM
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## Optional Accessories

Optional Accessories	Cable Cover (NP05CV); DisplayNote; DLP-Link 3D Glasses (NP02GL, VolfoniFit); Lamp (NP30LP); Universal Ceiling Mounts (PJ01UCM); Wireless LAN module (NP05LM)
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<sup>1</sup> Compliance with ISO21118-2012



TÜEV Type  
Approved



CE



Gost-R



RoHS

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