Empowered by Innovation

NEC

NEC M323X

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.

3D PROJECTION

NEC Factory Preset DICOM SIMULATION

ImageCare

HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE

NaViSet Administrator 2

www.nec-display-solutions.com

IMAGE	Projection Technology	1-chip DLP™ Technology
	Native Resolution	1024 x 768 (XGA)
	Aspect Ratio	4:3
	Contrast Ratio [1]	10000:1
	Brightness [1]	3200 ANSI Lumen (approx. 75% in Eco Mode)
	Lamp	225 W AC (135 W AC Eco Mode)
	Lamp Life [hrs]	8000 Eco / 5500 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
	HDMI™	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]	224 (Normal) / 202 (Eco) / 2.9 (Network Stand-by) / 0.4 (Stand-by); 286 (High Bright)
MECHANICAL	Dimensions (W x H x D) [mm]	367.9 x 97.5 x 285.9 (without lens and feet)
	Weight [kg]	3.48
	Fan Noise [dB (A)]	27 / 27 / 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; EAC; Gost-R; RoHS; TÜV GS
	Speakers [W]	1 x 20 (mono)
ADDITIONAL FEATURES	Special Characteristics	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
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
OPTIONAL ACCESSORIES	Optional Accessories	3D Starter Kit (PJ02SK3D); Cable Cover (NP05CV); DisplayNote; DLP-Link 3D Glasses (NP02GL, VolfoniFit); Lamp (NP28LP); Universal Ceiling Mounts (PJ01UCM); Wireless LAN module (NP05LM)

[1] Compliance with ISO21118-2005

Empowered by Innovation

NEC