NEC M402H

NEC Professional Desktop Projector

With 1080p resolution and 10000:1 contrast, the M402H delivers perfect image quality for very detailed content as well as high quality movies. With highly efficient and innovative ECO features, a sealed DLP light engine, long lamp life and low power consumption, this projector is virtually maintenance free and offers an impressively low cost of ownership without compromising on quality and flexibility. Innovative new ECO functions help to significantly reduce power consumption.

The excellent price performance ratio makes this projector especially suitable for classrooms and mid sized meeting rooms.

BENEFITS

Display Full HD content - as it is intended - you can see even small details in images.

Maximum Flexibility - due to large 1.7x optical zoom, horizontal and vertical keystone correction.

Robust and maintenance free with sealed light engine - provides full dust protection and eliminates the need to clean filters.

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

Full Connectivity and Media Playback - stay up to date with todays playback demands with a wide range of interfaces and assured playback of all major media formats.

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

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

Free DisplayNote Multiuser Licence - present, share, collaborate with up to 5 participants across multiple devices (available until May 2015).

http://www.nec-display.com/ap/

IMAGE	Projection Technology	1 x 1.65 cm (0.65") 2x LVDS DMD Chip
	Native Resolution	1920 x 1080 (Full HD)
	Aspect Ratio	16:9
	Contrast Ratio 1	10000:1 with lamp control
	Brightness 1	4000 ANSI Lumen (approx. 60% in Eco Mode)
	Lamp	270 W AC (162 W AC Eco Mode)
	Lamp Life [hrs]	3500 (8000 Eco Mode)
	Lens	F= 2.4–3.2, f= 18–30.6 mm (Wide - Tele)
	Keystone correction	+/- 25° manual horizontal / +/- 30° automatic / manual vertical
	Projection Factor	1.2 – 2.1 : 1 (Throw ratio:1.2, Zoom ratio 1.7)
	Projection Distance [m]	0.74 – 14.08
	Projection Angle [°]	9.9 - 17.9
	Screen Size (diagonal)	30 - 300 inches
	Zoom	Manual
	Focus Adjustment	Manual
	Supported Resolutions	1920x1200 (Maximum resolution of analog input); 1920 x 1080 (Maximum resolution of digital input); 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 (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 (HDMI: 24 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™
	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)
	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-N; 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] 240VAC	278 (Normal) / 246 (Eco) / 2.9 (Network Stand-by) / 0.38 (Stand-by); 335 (Eco Off/High bright)
MECHANICAL	Dimensions (W x H x D) [mm]	367.9 x 97.5 x 285.9 (without lens and feet)
	Weight [kg]	3.7
	Fan Noise [dB (A)]	33 / 39 (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
ERGONOMICS	Safety and Ergonomics	CE; EAC; Gost-R; RoHS
	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; 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; 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; Intelligent Power Management; Longer lamp life; Reduced power consumption. Only 0.38W stand-by; Software scheduling
	Ecological Materials	100% recyclable packaging; Downloadable manuals; ECO packaging
	Ecological Standards	ErP compliant; RoHs compliant
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	DisplayNote; DLP-Link 3D Glasses (NP02GL); Lamp (NP30LP); Wireless LAN module (NP02LM)2

1 Compliance with ISO21118-2005

2 Please make sure to choose the appropriate wireless LAN unit according to the below list in use country or area

NP02LM1	United States, Canada, Mexico, Taiwan, Brazil, Colombia
NP02LM2	Europe, United Arab Emirates, Saudi Arabia, Oman, South Africa, Turkey, Ukraine, Egypt, Israel, Australia, New Zealand, Japan, Thailand, China, Hong Kong, Singapore, South Korea, Sri Lanka, Pakistan, Vietnam, India, Indonesia, Philippines, Peru, Chile, Argentina, Ecuador
NP02LM3	Russia
NP03LM	Australia, New Zealand, Hong Kong, Philippines, Thailand, Honduras, Peru, Croatia, Japan, United States, Canada, Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, United Kingdom, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey

* In case of used in Malaysia, NP02LM2 has been certified but SIRIM certification sticker should be attached on LAN unit. Please contact your partner in Malaysia before it use.

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