

NEC M300WS

ORDER CODE: 60003075

NEC M300WS Professional Short-Throw Projector

Get great performance while saving the environment. Advanced Eco features help to substantially lower your operating cost without compromising on quality and flexibility. Less shadow and glare gives the presenter more space to engage with his audience enhances the experience with interactive white boards. Go wide with your presentations and play video content in native format.

The M300WS 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.

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.

Wide Format allows you to enjoy extra space in presentations and other office files.

Less Shadow and Glare - not standing in the light beam gives you more space to engage with your audience when presenting.



OUTSTANDING PERFORMANCE

- **Short-Throw Projection** with 0.47:1 throw ratio
- **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



SPECIAL CHARACTERISTICS

Auto Eco Mode; Auto Power ON/OFF; Automatic and manual Keystone Correction (V= +/-20°); Carbon Savings Meter; Colour Management; Content Transmission via Network; DICOM Simulation; Direct Power-Off Function; High Altitude Mode; Kensington security slot; Keypad Lock; Magnify; Off-Timer; Optional User Logo; Optional WLAN; OSD with 27 languages; Password Security System; Quick On/Off; Remote control and administration via LAN and RS232; Security Bar; 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:** EuP compliant; RoHS compliant

Technical Specification NEC M300WS	
IMAGE	
Display	3 x 1.5 cm (0.59") p-Si LCD Panel with MLA
Native Resolution	1280 x 800 (WXGA)
Aspect Ratio	16:10
Brightness ¹	3000 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= 2.0, f= 00 mm
Projection Factor	0.47 : 1
Projection Angle [°]	37.3 - 38.6
Projection Distance [m]	0.6 – 1.1
Screen Size (diagonal) [cm]	Minimum: 152.4 / 60"; Maximum: 279.4 / 110"
Projection Distance: min. / max. [cm]	00 (00")
Zoom	Digital Zoom
Focus Adjustment	Manual
Supported Resolutions	640 x 480 (VGA/MAC 13"); 832 x 624 (MAC 16"); 800 x 600 (SVGA); 1024 x 768 (XGA); 1152 x 864 (XGA); 1920 x 1080 (HDTV 1080i/60; HDTV 1080i/50); 1600 x 1200 (UXGA); 1360 x 768 (WXGA); 1366 x 768 (WXGA); 1600 x 900 (WXGA++); 1440 x 900 (WXGA+); 1680 x 1050 (WSXGA+); 1152 x 870 (MAC 21"); 720 x 576 (DVD progressive); 720 x 480 (SDTV 480p); 1280 x 800 (WXGA); 1280 x 1024 (MAC 23"); 1280 x 1024 (SXGA); 1280 x 768 (WXGA); 1280 x 960 (SXGA); 1400 x 1050 (SXGA+); 1280 x 720 (HDTV 720p); 1280 x 1024 (Maximum resolution of digital input); 720 x 480 SDTV / 576p/576i; 720 x 576 SDTV 480p/480i
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)
Video	Input: 1 x RCA
HDMI™	Input: 1x 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-M
REMOTE CONTROL	
Remote Control	Source Select; Freeze-function; Auto Adjust; Aspect Ratio; Automatic Picture Adjustment; Magnify-function; Optional Presentation and Mouse Control; Lamp Mode Control; Picture Adjust; Audio Control; Picture Mute; 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 140 x 309.5 (without lens and feet)
Weight [kg]	4.0
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); Wall Mount Kit (NP02WK)
ERGONOMICS	
Safety and Ergonomics	CE; 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; Power Cord (1.8 m); Security Sticker; Users Manual on CD-ROM; Quick Setup Guide; Lens Cap