

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 | 260 W AC (00 W AC Eco Mode) |
| Lamp Life [hrs] | 3500 (4000 Eco Mode) |
| Lens | F= 2.0, f= 00 mm |
| Projection Factor | 0.47 : 1 |
| Projection Angle [°] | 37.3 - 38.6 |
| 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 | 1440 x 900 (WXGA+); 1600 x 900 (WXGA++); 1680 x 1050 (WSXGA+); 1152 x 870 (MAC 21"); 720 x 576 (DVD progressive); 720 x 480 (SDTV 480p); 640 x 480 (VGA/MAC 13"); 832 x 624 (MAC 16"); 800 x 600 (SVGA); 1280 x 1024 (MAC 23"); 1280 x 1024 (SXGA); 1280 x 720 (HDTV 720p); 1280 x 768 (WXGA); 1280 x 800 (WXGA); 1280 x 960 (SXGA); 1400 x 1050 (SXGA+); 1360 x 768 (WXGA); 1366 x 768 (WXGA); 1024 x 768 (XGA); 1152 x 864 (XGA); 1920 x 1080 (HDTV 1080i/60; HDTV 1080i/50); 1600 x 1200 (UXGA); 1280 x 1024 (Maximum resolution of digital input); 720 x 576 SDTV 480p/480i; 720 x 480 SDTV 576p/576i |
| 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] | 302 (Normal) / 236 (Eco) / 8 (Network Stand-by) / 0.4 (Stand-by) |
| MECHANICAL | |
| Dimensions (W x H x D) [mm] | 398 x 152 x 309.5 (without lens and feet) |
| Weight [kg] | 4.0 |
| Fan Noise [dB (A)] | 31 / 37 (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 |

¹Compliance with ISO21118-2005

