

# NEC M350XS

ORDER CODE: 60003077

**NEC M350XS 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.

The M350XS 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 Power ON/OFF; Automaattinen Eco-tila; Automatic and manual Keystone Correction ( $V = \pm 20^\circ$ ); Carbon Savings Meter; Colour Management; Content Transmission via Network; DICOM Simulation; Direct Power-Off Function; High Altitude Mode; Kensington-turvalukko; Keypad Lock; Magnify; Off-Timer; Optional User Logo; OSD with 27 languages; Password Security System; Quick On/Off; Remote control and administration via LAN and RS232; Security Bar; USB-katselulaite JPEG:lle; Valinnainen WLAN; 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; Less consumption; Reduced power consumption. Only 0,4W stand-by; Software scheduling

**Ecological Materials:** 100% recyclable packaging; Downloadable manuals; ECO packaging

**Ecological Standards:** RoHS compliant; ErP compliant

## Technical Specification NEC M350XS

| IMAGE                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Display                               | 3 x 1,6 cm (0,63") p-Si LCD Panel with MLA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Native Resolution                     | 1024 x 768 (XGA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Aspect Ratio                          | 4:3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Brightness <sup>1</sup>               | 3500 ANSI Lumen (approx. 75% in Eco Mode)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Contrast Ratio <sup>1</sup>           | 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] | 60 (23,6"); 110 (43,3")                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Zoom                                  | Digital Zoom                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Focus Adjustment                      | Manual                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Supported Resolutions                 | 1440 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 (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); 1280 x 1024 (MAC 23"); 1366 x 768 (WXGA); 1600 x 900 (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: 1 x 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; Jäädtyys; Apu-Eco-mode; Digitaalinen zoom; Esitys- ja hiiriohjaus; AV-mykistys; ID-asetus                                                                                                                                                                                                                                                                              |
| ELECTRICAL                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Power Supply                          | 100-240 V AC; 50 - 60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Power Consumption [W]                 | 343 Normal Mode; 264 Eco Mode; 8 Network Stand-by Mode; 0,4 Stand-by Mode                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 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); Langaton LAN-moduuli (NP02LM2); Seinäasennussarja (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                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

<sup>1</sup>Compliance with ISO21118-2005