M Series
M260X, M260W, M300X and M300W digital projectors

Easy to use and at the right price, M Series projectors provide all the essential features that you need to connect with your audience.

ESSENTIAL FEATURES FOR EDUCATIONAL FACILITIES
- **Plug and Play** intuitive setup and operation
- **Bright images** easily viewed in any application
- **Versatile, color-coded connections** to computer, video sources and external monitor
- **Automatic keystone correction technology** instantly projects a square image even when the projector is set up at a steep offset angle to the screen
- **AutoSense™** intuitively syncs the projector with most computer signals and features one-touch image optimization
- **One-touch source changes and complete menu control** using the intuitive projector keypad
- **Powerful 10-watt speaker** provides volume needed for large rooms
- **Remarkable contrast ratio (2000:1)** enhances your image
- With **XGA and WXGA native resolutions**, high brightness up to 3000 lumens and patented NEC technologies, M Series projectors display impressive image quality

ADVANCED NETWORKING CAPABILITIES
- **Integrated RJ45 connection** for quick connection to the LAN (10/100 base-T capability)
- **Remote diagnostics** enable the user to monitor and make adjustments to the projector remotely
- **PC CTL 4.0** controls the power switching input selection and other functions while managing lamp usage and a variety of other vital information over the network. Email notification and projector scheduling for better asset management is included with the software.

Image Express Lite
Dedicated projector software provides wired and wireless data transmission via peer-to-peer or over the network.

Wireless LAN module (optional)
DESIGNED WITH THE ENVIRONMENT IN MIND

- **Extended lamp life with ECO Mode™ technology** increases lamp life up to 6000 hours, while lowering power consumption.
- **Power management** enables projector to automatically turn off when an incoming signal is not detected from any of the inputs.
- **Auto Power On** via the RGB (15-pin) input connector when a signal is detected from a computer.
- **Carbon savings meter** calculates the positive effects of operating the projector in ECO Mode, which is encouraged by an optional message at startup. A green ECO Mode button on the remote control makes the switch easy.
- **Quick start (3 to 4 seconds)** lets you begin presenting in seconds while quick shutdown (immediate power off with no cooling required after shutdown) ensures efficient energy usage.
- **Sleep timer** can be set to automatically turn off the projector at set countdown times.
- **Low power consumption** (0.2W in stand-by mode) minimizes energy costs.

**6000-hour filter life**

NEC is committed to designing its products to provide long lifecycles. This commitment even extends to components within its products, including the improved filter. This virtually maintenance-free filter reduces the frequency at which cleaning is required, thereby decreasing your total cost of ownership.

**Active lens cover**

This cover enables presenters to immediately mute the audio and video, then seconds later lower the lamp brightness to 25% for a short period of time.

**ADVANCED SOFTWARE FEATURES**

**Geometric Correction**

Projecting an image isn’t confined to a standard flat screen or wall with the NEC M Series. Geometric correction allows these models to project an image on spheres, cylinders, corner angles and many more non-standard surfaces.

**Virtual Remote™ (DDC/CI)**

Used over the VGA cable, you can control the projector directly from a computer without the need for additional control cables.

**Cornerstone**

Enhanced keystone correction allows for horizontal, vertical and diagonal image correction for aligned images even when the projector is set up at an angle to the screen.
GET CONNECTED WITH A WIDE SELECTION OF INPUTS

- Dual computer inputs ensure quick switching between presentations
- Four audio inputs (two mini stereo, R/L and HDMI) make it easy to add sound to enhance your presentations

Remote control
Easy control from remote allows you to adjust lamp mode, aspect ratio, volume and image all with the touch of a button.

HDMI input
Among the M Series’ wide selection of inputs is an HDMI w/HDCP for connecting to high-definition sources such as Blu-ray players, cable boxes, satellite receivers and personal computers.

Variable audio-out
This input enables the remote control to be used to adjust volume of self-powered external speakers that are connected to the projector. In stand-by mode, the audio-out stays active, allowing the last input used to pass to the self-powered external speakers.

USB Viewer
In instances when you’d prefer to leave your laptop behind for a presentation, M Series projectors can deliver a solution. Using the presentation conversion software included with your projector, simply place your file onto a USB drive and plug it into the projector’s USB port. This allows you to display images stored as .jpegs from optional USB memory.

USB input
Your connection options go even further with the M Series. Connect your laptop or PC directly to the projector using the USB port and a standard USB cable.

Built-in software

Built-in wall color correction presets
These provide for adaptive color tone correction to display properly on non-white surfaces.

Before auto wall correction

After auto wall correction

DICOM SIM
DICOM Simulation enables users in medical environments to display accurate diagnostic images.

On a green wall...
Ordering Model Numbers
NP-M260X
NP-M260W
NP-M300X
NP-M300W

Specifications for M260X, M260W, M300X & M300W

OPTICAL
Display Technology
M260X: 0.63" LCD
M300X: 0.63" LCD with MLA
M260X/M260W: 0.59" LCD with MLA
M260X/M260W: XGA 1024 x 768
M260W/M300X: WXGA 1280 x 800
M260W/M300X/M300W: 2600 normal / Eco = approx. 80% of normal mode
M300X/M300W: 3000 normal / Eco = approx. 80% of normal mode

Maximum Light Output (lumens)
M260X/M260W: 2600 normal / Eco = approx. 80% of normal mode
M300X/M300W: 180W AC / 145W eco
M300W: 230W AC / 170W eco
M260W/M260X/M260W/M300X: 5000 hours normal / 6000 hours eco
M300X: 4000 hours normal / 5000 hours eco

Contrast Ratio
25 - 300 in., 0.64 - 7.6m
1 - 2.2
M260X: 2.1 - 45.3 ft / 0.65 - 13.8m
M300X: 1.9 - 45.3 ft / 0.6 - 13.8m
M260X/M260W/M300X: 2.3 - 47.8 ft / 0.69 - 14.6m
M260W/M300X: 6.5 - 6.8" tele / 10.7 - 11.4" wide
M300W/M300X: 6.5 - 6.8" tele / 10.8 - 11.4" wide

Lens
1.7
Zoom
F: 1.7 - 2.1, f: 17.5 - 29mm
Keystone Correction
Automatic or manual +/-. 30°

SIGNAL COMPATIBILITY/CONNECTIVITY
Horizontal 15 - 100 kHz / Vertical 50 - 120 Hz
NTSC, NTSC4.43, PAL, PAL-M, PAL-N, SECAM
VGA, SVGA, XGA, SXGA, SXGA+, UXGA
Yes
VGA, SVGA, XGA, SXGA, SXGA+, UXGA
Yes

Input/Output Terminals
RGB 1 (analog)
RGB2 (analog)
RGB3 (digital)
RGB4 (digital)
Video 1
Video 2
Video 3
Audio 1
Audio 2
Audio 3
Audio Out
Monitor Out
Audio
10W speaker
External Control
RS-232, IR, LAN, DDC/CI, USB, Wireless LAN (optional)
Sync Compatibility
Separate Sync / Composite Sync / Sync on G

ELECTRICAL
Power Req.
100 - 240V AC, 50/60Hz
M260X/M260W/M300X: 2.8A / 2A
M300X: 3.4A / 1.5A
Input Current
15 pin
M260X/M260W/M300X: 4.8A / 1.5A
Power Consumption (Normal/ECO Mode / Standby Mode / Power Saving Mode
M260X/M260W/M300X: 180W AC / 145W eco
M300X/M300W: 3000 normal / Eco = approx. 80% of normal mode
M300X/M300W: 2600 normal / Eco = approx. 80% of normal mode

MECHANICAL
Installation Orientation
Floor/Front, Floor/Rear, Ceiling/Front, Ceiling/Rear
Dimensions (WxDxH)
13.4 x 10.1 x 3.9 in. / 339 x 257 x 99mm
Net Weight
M260X/M260W/M300X: 6.4 lbs / 2.9 kg
M300W: 6.6 lbs / 3 kg
Fan Noise
M260X/M260W/M300X: 34 dB normal / 27 dB eco
M300W: 35 dB normal / 29 dB eco
Regulations
UL60950-1, CSA60950-1, FCC Part 15 Class B, ICES-03 Class B,
NOM-001-SCFI-1993

ENVIRONMENTAL
Operational Temp
41° - 104°F / 5° - 40°C
Humidity
20 - 80% non-condensing
Storage
14° - 122°F / -10° - 50°C

ACCESSORIES
NP01MR
NP02LA1
SPE30R
ADP-CY1E
MP300CA
NP01UCM
AECB609
AEC12018
AEC2023
AEC2035
SCF100
NP01SL
NPFL4P
RMT-PJ29

IR receiver enables PJ remote to control PC and MAC functions
Amplified 30 watt audio input
Component video to VGA adapter
Ceiling mount
Universal ceiling mount for projectors weighing less than 40 pounds
6 to 9 inch adjustable extension column for use with projector mount
12 to 18 inch adjustable extension column for use with projector mount
3 to 5 foot adjustable extension column for use with projector mount
Adjustable suspended ceiling plate for use with ceiling mount
Replacement lamp for M260X, M260W and M300X
Replacement lamp for M300W
Replacement remote control

WARRANTY PROGRAMS
NECW1-MP
NECEX1-MP
ADP12018
NECEX2-MP
NECeco

Extends term of parts and labor warranty to 3 years
Extends term of parts and labor warranty to 4 years
Extends term of InstaCare service program to 2 years
Extends term of InstaCare service program to 3 years
Projector recycling program, disposal certificate

Additional accessories are available, including screens, carts, mount accessories and replacement cables.
Visit www.necdisplay.com for details.

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