

M Series

M260X, 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.



Top cover lamp change

provides for easy lamp changes without removal of the projector from the mount.

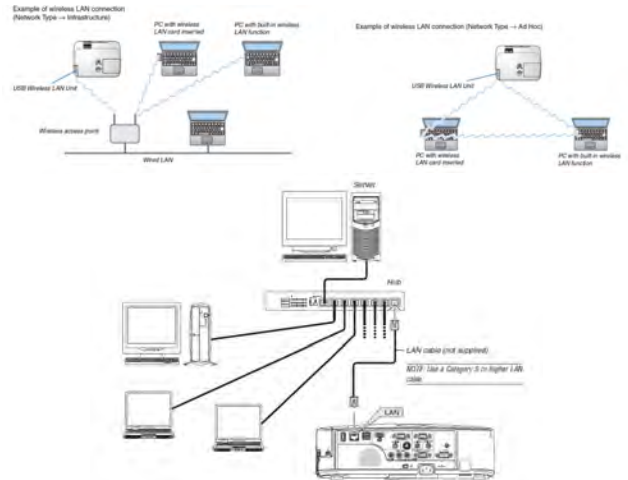


Image Express Lite

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. Filter replacement is only required at the time the lamp is replaced.



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

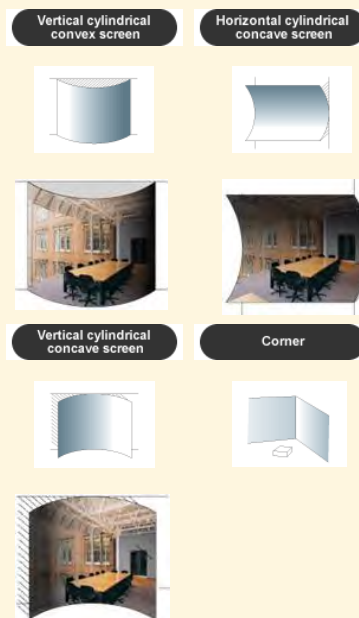
Cornerstone

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.



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™

Used via a network connection (wired/wireless), you can control the projector directly from a computer without the need for additional control cables.



BUILT-IN SOFTWARE

Built-in wall color correction presets

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

On a green wall...



BEFORE
auto wall correction



AFTER
auto wall correction



DICOM SIM

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



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.



HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

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

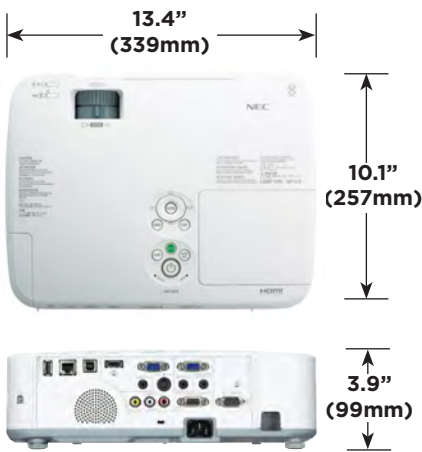
In instances when you'd prefer to leave your laptop behind for a presentation, M Series projectors can deliver a solution. Using the presentation conversion software included with your projector, simply place your file onto a USB drive and plug it into the projector's USB port. This allows you to display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





UNIQUE FEATURES

Advanced AccuBlend™ ensures detailed images when non-native resolution sources are connected to the projector

Built-in closed captioning enables decoding and display of text information from a video

64-step image magnification with location control

Countdown sleep timer can be set to automatically turn off the projector

Direct power-off provides instantaneous shutdown of projector

WARRANTY

Registered owners receive a 2-year parts and labor warranty including the first year of InstaCare. The lamp is covered for one year or 500 hours, whichever comes first. InstaCare provides the original owner one year of either limited 3 business day repair/return or next business day exchange.

IN THE BOX

Carrying case, remote control, batteries, power cord, RGB signal cable, built-in lens cover, user's manual on CD-ROM, quick start guide, product registration card

ORDERING MODEL NUMBERS

NP-M260X
NP-M300X
NP-M300W

Specifications for M260X/M300X/M300W

OPTICAL

Display Technology
Light Output (lumens)
Resolution Native
Maximum Contrast Ratio (up to)
Lamp Type
Lamp Life (up to)
Screen Size (diagonal)
Throw Ratio
Projection Distance
Projection Angle
Lens*
Zoom
Focus
F-#, f-#
Keystone Correction

M260X: 0.63" LCD
M300X: 0.63" LCD with MLA
M300W: 0.59" LCD with MLA
M260X: 2600 normal / Eco = approx. 80% of normal mode
M300X/M300W: 3000 normal / Eco = approx. 80% of normal mode
M260X/M300X: XGA 1024 x 768
M300W: WXGA 1280 x 800
UXGA 1600 x 1200
2000:1
M260X/M300X: 180W AC / 145W eco
M300W: 230W AC / 170W eco
M260X/M300X: 5000 hours normal / 6000 hours eco
M300W: 4000 hours normal / 5000 hours eco
25 - 300 in., 0.64 - 7.6m
1.3 - 2.2
M260X: 2.1 - 45.3 ft. / 0.65 - 13.8m
M300X: 1.9 - 45.3 ft. / 0.6 - 13.8m
M300W: 2.3 - 47.8 ft. / 0.69 - 14.6m
M260X/M300X: 6.5 - 6.8° tele / 10.7 - 11.4° wide
M300W: 6.5 - 6.8° tele / 10.8 - 11.4° wide
1.7
Manual
F=1.7 - 2.1, f=17.5 - 29mm
Automatic or manual +/- 30°

SIGNAL COMPATIBILITY/CONNECTIVITY

Scan Rate
Horizontal
Vertical
Supported Video Standards
SD/HD Video Signal Compatibility
PC Signal Compatibility
Macintosh Compatibility
Input/Output Terminals
RGB1 (analog)
RGB2 (analog)
RGB3 (digital)
RGB4 (digital)
Video 1
Video 2
Audio 1
Audio 2
Audio 3
Audio Out
Monitor Out
Audio
External Control
Sync Compatibility

15 - 100 kHz
50 - 120 Hz
NTSC, NTSC4.43, PAL, PAL-60, PAL-M, PAL-N, SECAM
1080i, 1080p, 720p, 576p, 576i, 480p, 480i, Y/Cb/Cr component (with optional adapter - ADP-CVIE)
VGA, SVGA, XGA, SXGA, SXGA+, UXGA
Yes
VGA 15-pin D-sub
VGA 15-pin D-sub
HDMI
USB A Type
RCA
S-Video
L/R RCA (shared by video sources)
1/8 in. stereo
1/8 in. stereo
mini stereo (variable audio out)
Yes
10W speaker
RS-232, IR, LAN, DDC/CI, USB, Wireless LAN (optional)
Separate Sync / Composite Sync / Sync on G

ELECTRICAL

Power Requirements
Input Current
Power Consumption (Normal/ECO Mode/Standby/
Standby-Power Saving)

100 - 240V AC, 50/60Hz
M260X/M300X: 2.8A / 1.2A
M300W: 3.4A / 1.5A
M260X/M300X: 248W / 198W / 8W / 0.2W
M300W: 311W / 239W / 8W / 0.2W

MECHANICAL

Installation Orientation
Dimensions (WxDxH)
Net Weight
Fan Noise
Regulations

Floor/Front, Floor/Rear, Ceiling/Front, Ceiling/Rear
13.4 x 10.1 x 3.9 in. / 339 x 257 x 99mm
M260X/M300X: 6.4 lbs. / 2.9 kg
M300W: 6.6 lbs. / 3 kg
M260X/M300X: 34 dB normal / 27 dB eco
M300W: 35 dB normal / 29 dB eco
UL60950-1, CSA60950-1, FCC Part 15 Class B, ICES-03 Class B, NOM-001-SCFI-1993

ENVIRONMENTAL

Operating Temperature
Humidity
Storage

41° - 104°F / 5° - 40°C
20-80% non-condensing
-14° - 122°F / -10° - 50°C

ACCESSORIES

NP01MR
NP02LM1
SPKR30
ADP-CVIE
MP300CM
NP01UCM
AEC0609
AEC12018
AEC0203
AEC0305
SCP200
NP15LP
NP16LP
RMT-RJ29
NECEW1-MP
NECEW2-MP
ADVEXON1-MP
ADVEXON2-MP
NECECO

IR receiver enables PJ remote to control PC and MAC functions
802.11b/g/n wireless LAN adapter
Amplified 30-watt speaker
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
2 to 3 foot 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
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.



Advanced AccuBlend, ECO Mode and Virtual Remote are trademarks of NEC Display Solutions. HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC. All other brand or product names are trademarks or registered trademarks of their respective holders. Product specifications subject to change.

©2012 NEC Display Solutions of America, Inc. All rights reserved.
25.NEC.80.GL.UN.045 rev. 111912

NEC Display Solutions
500 Park Boulevard, Suite 1100
Itasca, IL 60143
866-NEC-MORE

NEC
necdisplay.com