Portable Series
M260X, M260W and M300X digital projectors

Easy to use and at the right price, Portable 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, NP Portable Series projectors display impressive image quality

**Virtual Remote (DDC/CI)** over the VGA cable to control the projector directly from a computer without the need for additional control cables.

**Top cover lamp change** provides for easy lamp changes without removal of the projector from the mount.

**Built-in wall color correction presets** 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**
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.

SOFTWARE FEATURES

**Geometric Correction**

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

**DICOM SIM**

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

**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.

**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.
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

**HDMI input**
Among the Portable 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, Portable 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 Portable Series. Connect your laptop or PC directly to the projector using the USB port and a standard USB cable.

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)
UNIQUE FEATURES

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

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.

Specifications for M260X, M260W & M300X

OPTICAL

Display Technology: M260X: 0.63” LCD
M300X: 0.63” LCD with MLA
M260W: 0.59” LCD with MLA
M260X/M300X: XGA 1024 x 768
M260W: WXGA 1280 x 800

Native Resolution: M260X/M260W/M300X: 2600 normal / Eco = approx. 80% of normal mode
M300X: 3000 normal / Eco = approx. 80% of normal mode

Maximum: UXGA 1600 x 1200

Light Output (lumens): M260X/M260W: 2600 normal / Eco = approx. 80% of normal mode
M300X: 3000 normal / Eco = approx. 80% of normal mode

Contrast Ratio: 2000:1

Lamp Type: M260X/M260W/M300X: 180W AC / 145W eco

Lamp Life (h): M260X/M260W/M300X: 5000 hours normal / 6000 hours eco

Screen Size (diagonal): 25 - 300 in., 0.64 - 7.6m

Throw Ratio: 1.3 - 2.2

Projection Distance: M260X: 2.1 - 45.3 ft / 0.65 - 13.8m
M300X: 1.9 - 45.3 ft / 0.6 - 13.8m
M260W: 2.3 - 47.8 ft / 0.69 - 14.6m

Projection Angle: M260X/M300X: 6.5 - 6.8° tele / 10.7 - 11.4° wide
M260W: 6.5 - 6.8° tele / 10.8 - 11.4° wide

Lens: 1.7

Zoom: Manual

Focus: F=1.7 - 2.1, f=17.5 - 29 mm

Keystone Correction: Automatic or manual +/- 30°

SIGNAL COMPATIBILITY/CONNECTIVITY

Scan Rate: Horizontal 15 - 100 kHz, Vertical 50 - 120 Hz

Supported Video Standards:
- NTSC, NTSC4.43, PAL, PAL-M, PAL-N, SECAM
- 1080i, 1080p, 720p, 576i, 480p, 480i, Y/Cb/Cr component (with optional adapter – ADP-CV1E)
- VGA, SVGA, XGA, WXGA, SXGA, 480i, 576p, 720p, 1080i, 1080p
- VGA, SVGA, XGA, SXGA+, 5UXGA +, UXGA

PC Signal Compatibility:
- Yes

Maccintosh Compatibility:
- Yes

Sync Compatibility:
- Yes

Input/Output Terminals:
- 15 pin
- 15 pin
- Audio 2
- Audio 2
- Audio 3
- Audio 3
- Audio Out
- Audio Out
- Mini stereo (Variable audio 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

Input Current: M260X/M260W/M300X: 2.8A / 1.2A

Power Consumption (Normal/ECO Mode):
- M260X/M260W/M300X: 248W / 198W / 8W / 0.2W

MECHANICAL

Installation Orientation:
- Floor/Front, Floor/Rear, Ceiling/Front, Ceiling/Rear

Dimensions (WxHxD):
- 13.4 x 10.1 x 3.9 in / 339 x 257 x 99 mm

Net Weight:
- M260X/M260W/M300X: 6.4 lbs / 2.9 kg

Fan Noise:
- 34 dB normal / 27 dB eco

Regulations:
- NOM-001-SCFI-1993
- 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

NP31MR
NP2LM1A
SPK31L
ADP-CV1E
MP300CM
NP1U0CM
AEC0609
AEC320B
AEC0203
AEC0335
SC100
NP14LP
RMT-1029

IR receiver enables PJ remote to control PC and MAC functions

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

14° - 122°F / -10° - 50°C

Additional accessories are available, including screens, carts, mount accessories and replacement cables.

Visit www.necdisplay.com for details.

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