NEC ME & MC Series

Versatile projectors ideal for K-12 classrooms
Flexible classroom projectors offer powerful performance, low maintenance and low cost.

Easy to use and at the right price, ME and MC Series projectors provide all the essential features that you need for brilliant display in classrooms and meeting rooms while providing low cost of ownership with minimal maintenance.

Essential Features for Educational Facilities

- Featuring XGA, WXGA and WUXGA native resolutions, brightness up to 4500 lumens and patented NEC technologies, ME and MC Series LCD projectors display impressive images and videos
- Powerful 16-watt speaker provides volume needed for typical classrooms
- Plug-and-Play intuitive setup and operation
- Variable audio control of external speakers using the projectors remote control
- Sufficient connections for multiple sources with Dual HDMI inputs, computer, video and monitor loopthrough
- Keystone correction technology ensures 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 projector keypad
- Wall Color Correction for vivid images even without a screen

Low Maintenance Environmental Design

- Extended lamp life with ECO Mode™ technology increases lamp life up to 20,000 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 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
- Sleep timer can be set to automatically turn off the projector at set countdown times
- Low power consumption (0.5W in stand-by mode) minimizes energy costs
Advanced Functions

MultiPresenter

MultiPresenter is application software that lets you display your device's screen (PC, tablet, smart phone, etc.) on the receiver projectors via wired or wireless LAN. MultiPresenter is free and available on Windows, Mac, iOS, and Android. MultiPresenter can send images from your various devices, which enables you to display real-time images with the internal camera or web pages on the smart devices in combination with a file sharing application.

Desktop Version (Win/Mac)

Computer audio and video data (audio can be transmitted only when using Windows) can be transmitted via a wireless or wired LAN.

- Easy Connection
  Input a 4-digit number (PIN code) for a network connection via wireless LAN.

- Multiple devices (maximum of 16 screens) can display at the same time and simultaneously display onto multiple receiving projectors.

- Projector control

Mobile Version (Android/iOS)

You can transmit files, photos, camera images, files of web pages, and other information stored on Android or iOS devices via a wireless LAN.

- Easy Connection
  Input a 4-digit number (PIN code) for a network connection via wireless LAN.

- Multiple devices (maximum of 16 screens) can display at the same time and simultaneously display onto multiple receiving projectors.

- Projector control

Wireless connection image using wireless LAN module

The broad zoom lens that is included with the ME Series provides installation flexibility. The ME Series lens allows for a greater range of placement options. This can be beneficial when there are obstructions in the ceiling or when attempting to utilize existing screens, mounts and cable runs. A broad zoom lens can reduce installation costs and ensure sharp images that fill the screen properly.

ME & MC Series Projectors
**ME & MC Series Specifications**

### Display Technology

<table>
<thead>
<tr>
<th>NP-ME453X</th>
<th>NP-ME423W</th>
<th>NP-ME453X</th>
<th>NP-ME623W</th>
<th>NP-ME603U</th>
</tr>
</thead>
<tbody>
<tr>
<td>Light Output (lumens)</td>
<td>4,700 Lumen</td>
<td>4,400 Lumen</td>
<td>4,700 Lumen</td>
<td>4,400 Lumen</td>
</tr>
<tr>
<td>Contrast Ratio (up to)</td>
<td>16,000:1</td>
<td>4,000:1</td>
<td>16,000:1</td>
<td>4,000:1</td>
</tr>
<tr>
<td>Light Source (lamp)</td>
<td>240W</td>
<td>225W</td>
<td>180W</td>
<td>150W</td>
</tr>
<tr>
<td>Lamp Life (50%)*</td>
<td>8,000 hours</td>
<td>10,000 hours</td>
<td>12,000 hours</td>
<td>20,000 hours</td>
</tr>
</tbody>
</table>

### Lens

<table>
<thead>
<tr>
<th>F-number, focal length</th>
<th>F1.6 - 1.76:fl=19.158 - 23.018mm</th>
<th>F1.7 - 2.2:fl=17.4 - 24.8mm</th>
<th>F1.5 - 2.0:fl=17.2 - 22.7mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Keystone Correction</td>
<td>+/−30° horizontal (manual), +/−30° vertical (manual + auto)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Synchronization Range

<table>
<thead>
<tr>
<th>Horizontal</th>
<th>Vertical</th>
</tr>
</thead>
<tbody>
<tr>
<td>13-100kHz (RGB: 24kHz or over)</td>
<td>50-120kHz</td>
</tr>
</tbody>
</table>

### Sync Video Signal Compatibility

- VGA 15-pin D-sub
- RGB w/ HDCP (v2.0)
- HDMI w/ HDCP (v2.0)
- HD Video: 480i, 480p, 576i, 576p, 720p, 1080i, 1080p
- SD/HD Video: 480i, 480p, 576i, 576p, 720p, 1080i, 1080p

### F-number, focal length

- Manual
- 1.5 - 1.8:1
- 2.0 - 3.0:1

### Zoom Ratio

- Manual
- 1.7x
- 1.4 - 1.6:1

### Throw Ratio

- 1.2x
- 1.3 - 2.2:1
- 1.2 - 2.1:1
- 1.2 - 2.0:1

### Lens Focusing

- Manual
- Focusing: 0 - 9° tele / 0 - 10° wide (at 60")
- Keystone Correction: +/−30° horizontal (manual), +/−30° vertical (manual + auto)

### Power Consumption

- ECO mode
- Normal ECO mode: 16W
- ECO mode OFF: 22W

### Input Terminals Audio Out

- RCA (L/R)
- Stereo Mini Jack

### Output Terminals Audio Out

- RCA (L/R)

### USB Type A

- Wired LAN port: RJ45 (100Base-TX/10Base-T)
- USB Type B
- Wireless LAN (optional), Memory (1.5A)

### Fan Noise

- 37dB (ECO mode OFF), 29dB (ECO mode)

### Shipping Dimensions (WxHxD)

- 17.7 x 7.8 x 15.4 in. (450 x 200 x 390 mm)

### Net Weight

- 7.1 lbs. (3.2 kg) 11.0 lbs. (5.0 kg)

### Lamp Life (50%)*

- 8,000 hours
- 12,000 hours
- 20,000 hours

### Light Source (lamp)

- 16,000:1

### Contrast Ratio (up to)

- 1800:1

### Resolution Native

- XGA 1024 x 768
- WXGA 1280 x 800
- WUXGA 1920 x 1200

### Light Output (lumens)

- 4,700 Lumen
- 4,400 Lumen
- 4,700 Lumen
- 4,400 Lumen
- 4,200 Lumen

### Resolution

- Screen Size (diagonal)
- 2:3:4
- Projection Distance
- 0 - 9° tele / 0 - 10° wide (at 60")
- Projection Angle
- 0 - 15° tele / 0 - 10° wide (at 60")

### Accessories

- PWRCRD-VT70 Power Cord
- NP402CASE Soft Sided Carry Case
- NP01UCM Universal ceiling mount
- RMT-PJ39 Replacement Remote Control

### Warranty

- Registered owners receive a 3 year parts and labor warranty including InstaCare next business day exchange. The lamp is covered for one year or 1,000 hours, whichever comes first.

### Field Support

- INSTACARE NEXT BUSINESS DAY EXCHANGE
- INSTACARE SAME DAY EXCHANGE
- INSTACARE 90 MINUTE RESPONSE TIME

### Ordering Model Numbers

- NP-ME453X
- NP-ME423W
- NP-ME403U
- NP-MC453X
- NP-MC423W
- ME403U
- MC Series

### Additional Information

- Additional accessories are available, including screens, carts, mount accessories, and replacement cables. Visit www.sharpnecdisplays.us for details.

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**UNIQUE FEATURES**

- **Advanced AccuBlend™** ensures detailed images when non-native resolution sources are connected to the projector.
- **Quick start and direct power** off improve efficiency and auto power options can lower power consumption.
- **Enhanced security settings** help prevent unauthorized access, image adjustments and theft.
- **Improved MultiPresenter function** allows easy image sharing from a computer or mobile device via the network.

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