M403H

Specifications

<table>
<thead>
<tr>
<th>Features</th>
<th>NP-M403H</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Projection System</strong></td>
<td>Single DLP® (D-VIC)</td>
</tr>
<tr>
<td><strong>Inputs</strong></td>
<td>3 x HDMI, 2 x Audio, 1 x Serial, 1 x PC Control, 1 x USB-A, 1 x Micro USB-B, 1 x RJ-45 (10BASE-T/100BASE-TX)</td>
</tr>
<tr>
<td><strong>Outputs</strong></td>
<td>1 x PC Control Port (D-Sub 9Pin), 1 x Type A, 1 x Type B</td>
</tr>
<tr>
<td><strong>Light Source</strong></td>
<td>DLP® single-chip DMD, Single-chip DMD, Single-chip DMD, Single-chip DMD</td>
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<tr>
<td><strong>Lamp Life</strong></td>
<td>5,000 Hrs (Eco mode), 8,000 Hrs (Normal mode), 10,000 Hrs (Eco mode)</td>
</tr>
<tr>
<td><strong>Light Output</strong></td>
<td>2,192 lumen, 2,192 lumen, 2,192 lumen, 2,192 lumen</td>
</tr>
<tr>
<td><strong>Contrast Ratio</strong></td>
<td>8,000:1 with lamp power control, 8,000:1 with lamp power control, 8,000:1 with lamp power control, 8,000:1 with lamp power control</td>
</tr>
<tr>
<td><strong>Image Size (Diagonal)</strong></td>
<td>30 to 300 inches (16:9)</td>
</tr>
<tr>
<td><strong>Input Current</strong></td>
<td>1.6 A to 1.2 A</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>211 W, 211 W, 211 W, 211 W</td>
</tr>
<tr>
<td><strong>Dimensions (W) × (H) × (D)</strong></td>
<td>368 mm × 98 mm × 286 mm (not including protrusions), 368 mm × 98 mm × 286 mm (not including protrusions), 368 mm × 98 mm × 286 mm (not including protrusions), 368 mm × 98 mm × 286 mm (not including protrusions)</td>
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</table>

**Options**

- Replacement lamp NP06LP
- Wireless LAN unit NP02LM1-A
- Ceiling mount kit NP02CM
- Remote control

**Remote control**

- Control digital Signal Data (S-Data) send/receive
- Power ON/OFF
- Computer selection
- Volume control
- Mute control
- Picture selection
- Freeze control
- Zoom in/out
- Focus in/out
- Screen display

**Cabinet dimensions**

- Width: 88 cm, Height: 98 cm, Depth: 28 cm
- Weight: 15 kg

**Environmental Considerations**

- Operational temperatures: 5°C to 40°C, 20% to 80% humidity (non-condensing)
- Power consumption: 264 W
- Noise level: 26 dB

**Compatible Signals**

- Analog: VGA / SVGA / XGA / WXGA / Quad-VGA / SXGA / SXGA+ / WXGA+ / WXGA++ / WSXGA+ / HDTV (1080p) / HDTV (1080i) / HDTV (720p) / HDTV (480p)
- Digital: VGA / SVGA / XGA / WXGA / Quad-VGA / SXGA / SXGA+ / WXGA+ / WXGA++ / WSXGA+ / HDTV (1080p) / HDTV (1080i) / HDTV (720p) / HDTV (480p)

**Throw distance and screen size**

- Note: The values in the table are design values and may vary.

**Throw distance and screen size (Example)**

- NP05LM1-5:
  - Throw distance: 1.868 to 5,076 inches
  - Screen size: 1,920 × 1,080 (Full HD)

**Optional accessories**

- Wireless LAN unit NP02LM1-A
- Ceiling mount kit NP02CM

**Ideal centrepiece of modern education and meeting areas**

Multipurpose projector

M403H

Orchestrating a brighter world

http://www.nec-display.com/ap/

Cut No. WDP-1-1507-00012N

NEC Display Solutions, Ltd.
Enjoy great performance and flexibility with the M series which includes advanced networking features without compromising on quality.

Wide 1.7 x Optical Zoom

The projector has a 1.7 x optical zoom to cover a wide projection distance, so you can set it up in various locations.

Advanced ECO Modes

You can select a suitable ECO setting from [AUTO ECO], [NORMAL] and [ECO], including [ROOM LIGHT SENSING], [CONSTANT BRIGHTNESS] and [AUTO-DIM], depending on your application. This advanced ECO setting allows you to decrease the power consumption and to prolong the lamp life up to 10,000 hours by controlling the lamp brightness.

Impressive Image Quality for Various Applications

The latest Texas Instruments DLP™ engine featuring BrilliantColor™ technology offers great 10,000:1 contrast for high brightness images up to 4,000 lumens at Full-HD, WXGA and XGA native resolutions.

Shielded Optical Structure and Filterless Design

The filter-free design and shielded engine eliminate the hassle and time spent monitoring and/or changing filters.

Get Connected with a Wide Selection of Inputs and Outputs

USB Display Function

Using a commercially available USB cable (compatible with USB 2.0 specifications) to connect a computer with the projector allows you to send your computer screen image and sound to the projector without needing traditional computer display cables.

USB Viewer

M series projectors can deliver a solution when you would prefer to leave your laptop computer behind for a presentation. 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 storage.

Dual HDMI Inputs

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.

Microphone Input

Connecting a commercially available dynamic or condenser microphone to the MIC input jack allows you to output your mic input from the built-in speaker.

Variable Audio-out

This function allows you to use the remote control to adjust the volume of self-powered external speakers that are connected to the projector. In network standby or sleep mode, the audio-out stays active, allowing the last input used to pass to the self-powered external speakers.

Advanced Networking Capabilities

Multi-screen Projection Function*

The multi-screen projection function allows you to share screens from multiple devices on various split-screen displays. Display information from up to 16 PCs, tablet PCs, smart phones, and other network connected devices on a multi-screen display of up to 16 screens. Easily share screens and information regardless of device or operating system.

NuViSet Administrator 2

This software is an all-in-one remote support solution that runs from a central location and provides monitoring, asset management and control functionality for a majority of NEC display devices and Windows computers. It is ideal for multi-device installations over larger infrastructures.

Virtual Remote Tool

The utility software Virtual Remote Tool included on the supplied NEC Projector CD-ROM can display the Virtual Remote (or toolbar) on your computer screen. This allows you to turn the projector power on or off and select signals from a computer display cable (VGA), serial cable, or LAN connection.

Other Networking Capabilities

**Multi-screen Projection Function** Requires an optional wireless LAN module for wireless connection.

PCs require the installation of the Image Express Utility Lite software on the included CD-ROM. Smart phones and tablets require the downloaded and installation of the Wireless Image Utility software.

Other Useful Features and Functions

- Powerful 20-watt speaker provides volume needed for large rooms
- Automatic vertical keystone correction technology instantly projects a square image even when the projector is set up at a steep offset angle to the screen
- Auto power-on via the RGB (15-pin) input connector when a signal is detected from a computer
- Sleep timer can be set to automatically turn off the projector at set countdown times
- Power management automatically turns off the projector when an incoming signal is not detected from any of the inputs
- No-signal guidance for easy cable connections
- Intuitive plug and play setup and operation

PC Control Utility 5.0 for Mac

- Simple Access Point
- PC Control Utility 4.0 for Windows
- PC Control Utility 5.0 for Mac
- CRESTRON ROOMVIEW™ with emergency function
- AMX BEACON
- HTTP server
- PJLink

PC Control Utility 5.0 for Windows

- DLP™ 2D Ready
- Includes a remote with the control ID registration function, which allows operation of multiple projectors with a single remote
- Wall colour correction for vivid images even without a screen
- DICOM simulation
- Security bar / Kensington lock / Control panel lock and password lock
- Low power consumption (0.32 W in 240 V AC stand-by mode) minimizes energy costs
- The carbon metre lets you check the amount of CO2 you reduced by using ECO Mode

M403H

4,000 ANSI lumens Full-HD 3.7kg