Outstanding high-quality LCD projector
with good usability and high efficiency

ME382U / ME342U / ME372W / ME402X / MC382W / MC332W / MC422X / MC372X / MC342X / MC302X
Excellent-quality WUXGA* high resolution images from a compact LCD projector with easy operation for education and corporate use

**High Resolution and High Quality Picture of WUXGA* (1920x1200)**

This projector series realize the high resolution display – up to 4K compatible, WUXGA (ME382U / ME342U), WXGA (ME372W / MC382W / MC332W) & XGA (ME402X / MC422X / MC372X / MC342X / MC302X) native resolution. And these projectors achieve high contrast of **16,000 : 1**.

**Support for 4K Input**

This is the first NEC projector in the 3,000 – 4,000 lumens class to support 4K at 30 Hz signal input (Supports HDMI 1 and HDMI 2) for the future-proof input management.

**Easily Connect with Smart Devices by Installing the MultiPresenter Receiver Function**

This projector is compatible with the NEC MultiPresenter application, so multi-screen projection is possible via the network (wired LAN / wireless LAN). The design of the menu of the “Intelligent connection” operation screen is improved, and the customer can change the wallpaper of standby screen. The customer can set various settings of network function on this menu.

**NaViSet Administrator 2**

NaViSet Administrator2 helps you control the projector by a computer via wired LAN connection.

**CRESTRON ROOMVIEW with emergency function**

- PC control
- Alert mail
- AMX BEACON
- PJLink
- HTTP server (projector adjustment)

**Network Control**

- [ECO MODE] Description
  - 
  - [OFF]: Lamp brightness is 100%.
  - [AUTO ECO]: Lamp power consumption will be changed between [OFF] and [NORMAL] automatically according to picture level. NOTE: A bright gradation may be less visible depending on the image.
  - [NORMAL]: Lamp power consumption: approx. 80% brightness. The lamp life will be extended by lowering the lamp power.
  - [ECO]: Lamp power consumption: approx. 67% brightness. The lamp life will extend longer than the one on NORMAL mode by controlling power appropriate for the lamp.

**Advanced Networking Capabilities**

**Low Power Consumption in Standby Condition with Energy Saving Technology**

Selecting [NORMAL] for [STANDBY MODE] from the menu can put the projector in power-saving mode that consumes only 0.18 W (100 – 130 V AC) / 0.26 W (200 – 240 V AC).

**Promotes Ecology and Reduces TCO by 10,000 Hours’ Long-lasting Lamp, etc.**

**Long-lasting Lamp, which Delivers up to 10,000 Hours**

The product can be operated at low cost because the light source can be used for a long time of 10,000 hours* without requiring replacement. (up to 15,000 hours* with ECO MODE [ECO]). This provides high reliability for education (aimed mainly at K-12) and corporate usage.

* Refer to the specifications

**Low Power Consumption in Standby Condition with Energy Saving Technology**

This projector is equipped with a [ECO MODE] to reduce power consumption during use. Furthermore, when the [ECO MODE] is on, the power-saving effect is converted into the amount of reduction of CO2 emissions, and this amount is listed in the confirmation message displayed when the power is turned off and under [INFO.] on the on-screen menu (Carbon Meter). This projector designed for a quiet noise level of 29 dB (in Eco MODE [ECO]) to prevent annoying operation noises.

**[ECO MODE] for Low Power Consumption and Quiet Noise Level**

- [ECO MODE] Description
  - [OFF]: Lamp brightness is 100%.
  - [AUTO ECO]: Lamp power consumption will be changed between [OFF] and [NORMAL] automatically according to picture level. NOTE: A bright gradation may be less visible depending on the image.
  - [NORMAL]: Lamp power consumption: approx. 80% brightness. The lamp life will be extended by lowering the lamp power.
  - [ECO]: Lamp power consumption: approx. 67% brightness. The lamp life will extend longer than the one on NORMAL mode by controlling power appropriate for the lamp.

**Multi-screen Projection Function**

The multi-screen projection function allows for the sharing of screens of multiple devices on various split-screen displays via a wireless or wired LAN. Display information from up to 50*1 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.

*1: Requires the optional wireless LAN module for wireless connection. PCs, Smart phones and tablets require the download and installation of our MultiPresenter software.

*2: The connection of 50 devices to the network requires construction of a wireless LAN environment, such as the use of a separate access point.
## Multiple Input Terminals for Dual HDMI and LAN Control Support

### Wide Range of Input Terminals (HDMI × 2, etc.)

The projector is equipped with a variety of input terminals: HDMI (× 2), computer (analogue), video, etc.

### Terminals

<table>
<thead>
<tr>
<th>Terminal Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUDIO OUT (Stereo Mini)</td>
<td>For connecting to audio equipment</td>
</tr>
<tr>
<td>FC CONTROL (D-Sub 9 Pin)</td>
<td>For connecting to the PC CONTROL terminal</td>
</tr>
<tr>
<td>HDMI 1 IN (Type A)</td>
<td>For connecting to HDMI devices</td>
</tr>
<tr>
<td>HDMI 2 IN (Type A)</td>
<td>For connecting to HDMI devices</td>
</tr>
<tr>
<td>USB Port (Type A)</td>
<td>For connecting to USB devices</td>
</tr>
<tr>
<td>COMPUTER IN (Mini D-Sub 15 Pin)</td>
<td>For connecting to the COMPUTER IN terminal</td>
</tr>
<tr>
<td>COMPUTER OUT (Mini D-Sub 15 Pin)</td>
<td>For connecting to the COMPUTER OUT terminal</td>
</tr>
<tr>
<td>VIDEO IN (RCA)</td>
<td>For connecting to video devices</td>
</tr>
<tr>
<td>VIDEO AUDIO IN L/MONO, R (RCA)</td>
<td>For connecting to video audio devices</td>
</tr>
<tr>
<td>AUDIO IN (Stereo Mini)</td>
<td>For connecting to audio devices</td>
</tr>
</tbody>
</table>

### Dual HDMI Inputs

Among this projector’s wide selection of inputs are dual HDMI with HDCP for connecting to high-definition sources such as Blu-ray players, cable boxes, satellite receivers and personal computers. The HDMI input also supports audio signals.

### Wired / Wireless LAN Control Support

Thanks to the integrated LAN port (RJ-45), you can connect the projector to a wired LAN and control it from a computer. Control can also be carried out via wireless LAN by installing the optional wireless LAN unit (NP05LM series) to this projector.

### USB Power Supply of 1.0 A

1.0 A USB current can be provided for third-party dongles such as the wireless one not to plug into an outlet.

### Various Functions and Features

#### Wide × 1.7* Optical Zoom Lens

The projector series has a variety of optical zoom ratio models, such as zoom ratio of × 1.7 (ME372W / ME402X), × 1.6 (ME382U / ME342U) and × 1.2 (other models). These can cover a wide projection distance and you can set up at various locations.

#### Quick Start, Quick Power Off and Direct Power Off

The projector can be put away immediately after the projector is powered down. No cool down period is required after the projector is turned off from the remote control or cabinet control panel. The projector has a feature called “Direct Power Off”. This feature allows the projector to be turned off (even when projecting an image) by disconnecting the AC power supply. To turn off the AC power supply when the projector is powered on, use a power strip equipped with a switch and a breaker.

### Seamless Switch Function for Smoother Screen Changes when Switching the Signal

When the input source is switched, the image displayed before switching is held so that the new image can be switched to without a break due to absence of a signal.

#### 16 W Built-in Speaker

The powerful 16 watt speaker provides the volume need for class rooms and meeting rooms.

### AUTO POWER ON and AUTO POWER OFF Features

The DIRECT POWER ON, AUTO POWER ON (COMP.), AUTO POWER OFF, and OFF TIMER features eliminate the need to always use the POWER button on the remote control or projector cabinet.

### Other Useful Functions and Features

- Includes a remote with the control ID registration function, which allows operation of multiple projectors with a single remote
- Security bar / Kensington lock / Control panel lock and password lock
- Virtual Remote Tool
- USB display

### ME382U

- **3,800 lumens**
- WUXGA
- **3.5 kg**

### ME382W

- **3,800 lumens**
- WXGA
- **3.1 kg**

### ME342U

- **3,400 lumens**
- WUXGA
- **3.5 kg**

### ME332W

- **3,300 lumens**
- WXGA
- **3.1 kg**

### ME372W

- **3,700 lumens**
- WXGA
- **3.2 kg**

### ME402X

- **4,000 lumens**
- XGA
- **3.2 kg**

### MC382X

- **3,400 lumens**
- XGA
- **3.1 kg**

### MC302X

- **3,000 lumens**
- XGA
- **3.1 kg**

### MC342X

- **3,400 lumens**
- XGA
- **3.1 kg**

### MC372X

- **3,700 lumens**
- XGA
- **3.1 kg**

### MC422X

- **4,200 lumens**
- XGA
- **3.1 kg**

### DICOM simulation

- Wall colour correction

### Virtual Remote Tool

- USB display

### Other Features

- [VIEWER] function to project still images saved on USB memory
- Keystone correction
  +30 degree Horizontal / Vertical keystone, Auto keystone, Cornerstone, Pincushion correction supported
- DICOM simulation
- Wall colour correction
## Specifications

### General

- **Model name**: NP-ME382U / ME342U / ME372W / ME402X / MC382W / MC332W / MC422X / MC372X / MC342X / MC302X

### Main Features

- Three primary color liquid crystal modulated projection

### Liquid Crystal Panel

- **Size**: 0.64 inch LCD with MLA × 3 (aspect ratio: 16:10)
  - 0.63 inch LCD with MLA × 3 (aspect ratio: 16:10)
  - 3,290,000 dots (1,920 dots × 3,450 lines)

### Projection Lens

- **Zoom**: Manual
- **Zoom ratio**: 1:2.0
- **F-number / focal length**: f = 19.2 – 23.0 mm

### Lamp Wattage

- **Light output**: 2,270 lumens
- **Lamp wattage**: 3,000 lumens

### Weight and Dimensions

<table>
<thead>
<tr>
<th>Feature</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight (Gross weight, with box)</td>
<td>4.7 kg</td>
</tr>
<tr>
<td>Weight (Net weight, without box)</td>
<td>3.2 kg</td>
</tr>
<tr>
<td>Height (top of screen to ceiling application)</td>
<td>180&quot;</td>
</tr>
<tr>
<td>Height (remote control)</td>
<td>61.0 cm</td>
</tr>
<tr>
<td>Screen height</td>
<td>548.6 cm</td>
</tr>
<tr>
<td>Screen width</td>
<td>558.0 cm</td>
</tr>
<tr>
<td>Screen diagonal</td>
<td>786,432 pixels</td>
</tr>
</tbody>
</table>

### Operating Environment

- **Operating temperature**: 5 to 40°C
- **Operating humidity**: 20 to 80% (with no condensation)
- **Storage temperature**: -10 to 60°C
- **Storage humidity**: 20 to 80% (with no condensation)

### Interfaces

- **USB port**: USB type A × 1
- **Video input**: Mini D-Sub 15-pin × 1, Type A HDMI connector × 2
- **Audio input**: RCA jack × 2
- **Audio output**: LINE OUT 3.5 mm jack × 2
- **Video input**: (NETWORK STANDBY), STANDBY, ECO MODE

### Power

- **Power consumption**:
  - ECO MODE OFF: 283 W (200 – 240 V)
  - ECO MODE NORMAL: 225 W (200 – 240 V)
  - ECO MODE ECO: 229 W (100 – 130 V) / 223 W (200 – 240 V)

### Remote control

- **Remote control**
  - (Included accessory)

### Options

- **Replacement lamp**: NP47LP

### Cabinet dimensions

- **ME382U / ME342U**
- **ME372W / ME402X / MC382W / MC332W / MC422X / MC372X / MC342X / MC302X**

### Throw Distance and Screen Size

- **A = Throw distance**
- **B = Vertical distance between lens centre and screen bottom**

### Installation

- **Do not install the lens while in use**
- **Installation should be performed by a qualified technician**

### Maintenance

- **Clean the lens regularly**

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*NOTE: The values in the tables are design values and may vary.*