MT1065 and MT1060R

Additional Features

Features

- Automatic (Auto) Color Correction
  - Automatically and accurately adjusts color balance and tint (MT1065 only)
- Resolution
  - AutoSense™ Automatic set-up and one-touch adjustments for ease of use
- Keystoning
  - ±40° (Vertical), ±27° (Horizontal)

Optical

- Lens
  - Power zoom and power focus (with auto focus*)
  - 0.7 - 2.2:1, 3200 ANSI
- Resolution
  - 1024x768 pixels (up to UXGA with Advanced AccuBlend)
- LCD Panel
  - MT1065 – 1.0” p-Si TFT w/ MLA
  - MT1060R – 1.0” p-Si TFT
- Lamp
  - 260W (MT1060R), 280W (MT1065)
- Lamp Life
  - Standard lamp normal mode: 2000H
  - Optional extended lamp: 4000H
  - (ANSI, typical)

Electrical

- Power Requirement
  - 100-120VAC/200-240VAC, 50/60Hz
- Power Consumption
  - 390W (all models)
- Fan Noise
  - MT1065 – Normal mode <39, Eco-Mode <34, Super Eco-Mode <29

Product/Accessories

- Warranty Options
  - Limited parts and labor coverage for 1 year, and lamp for 90 days
- SWL-1000 60” Interactive Whiteboard
- SWL-1500 80” Interactive Whiteboard
- SWL-3000 120” Interactive Whiteboard
- VLMTC-02 For duration of the standard warranty (2 years), loaner or repair services are available in EU countries, while outside the warranty, a repair service for registered owners is available.
- VLMIC-01 2nd year InstaCare coverage for VT, LT, and MT series models (excludes VT4X series projectors)
- VLMPL-01 1 year limited parts and labor extension for VT, LT, and MT series models
- SWL-3000 120” Interactive Whiteboard
- SWL-3000 120” Interactive Whiteboard

Warranty

- NEC Projector Warranty: 1 year limited parts and labor, 90 days lamp

MT1065 - F=1.74-2.18, f=30.8-41.6mm

For more information, call (800) NEC-INFO or visit www.necvisualsystems.com

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* Auto focus and color correction features not available on the MT1060R.
Rest assured that NEC will be there with award-quality and long-term reliability. Should a need arise, friendly projectors are precision crafted for performance, panel lock so your projector and information always stays safe and secure. Your projector will be ready to go when you are. Setting a new standard for display. It even provides email notification for potential problems so your networking, the MT Series is ready for remote diagnostics or real time color (wall) correction makes it a breeze. With optional wireless or wired networking options, your images will always be accurate and true-to-life—automatic whether you’re projecting onto a colored or textured wall or unique screen. And easily switch between multiple screens, such as a Smart Board or a drop down screen, without having to stop and make manual adjustments. This unique set of features and exclusive technologies give you freedom and flexibility to let your ideas flow.

From the lens to the connector panel, our environmentally friendly projectors are precision crafted for performance, quality and long-term reliability. Should a need arise, rest assured that NEC will be there with award winning service and support including InstaCare™, InstaCare Xpress™, and TravelCare™.

Sometimes being square is a good thing. Now you can display a perfectly square image even from the most severe angle with NEC’s proprietary 3D Reform™ geometry correction technology. The result is a vivid, image. If the projection is distorted, simply set the four corners of the screen to activate the keystone correction then square the picture. With horizontal correction ability of ±27° and vertical of ±60°, this allows greater freedom in projector and room set up because now the projector can be at an angle to the screen. When a USB mouse is connected, keystone corrections can be made with a simple click.

 Wireless and wired local networks.

The MT60 Series projectors are either wireless or wired networking compatible with NEC’s ImageXpress™ utility and optional PC network card. ImageXpress makes possible the fast, efficient, high-quality transfer of computer screen information to the projector.

In arbitration wireless mode you can have several users give presentations from separate notebooks, in succession and in real time using the same projector. Peer-to-peer wireless mode lets you project to multiple screens using multiple projectors from a single notebook. No more bothersome cables, no more meeting interruptions, no more worries.

Remote diagnostic, monitoring and control are also available over the network when using a separate computer. You can switch on/off the unit, check lamp usage and even setup system information to the projector.

full screen display flexibility.

The MT60s give you freedom and flexibility with your display choices incorporating the latest in NEC chip technology. We give you the ability to use a 16:9 screen while displaying 4:3 information on the full area of the 16:9 screen. Achieved through non-linear image management, the center screen information maintains a more normal look and feel. You can also vertically shift the image when displaying information to eliminate the black bars at the top or bottom of the screen.

Special Features

- Wireless or wired networking options
- Boundless connectivity
- Automatic color (wall) correction
- Power zoom and power auto focus lens
- Multi-level security features
- Eco-mode lamp technology
- Easy set up and operation

In the classroom

MT60S-3200 ANSI, XGA
MT60JR-2500 ANSI, XGA

In the meeting room

Wireless and wired LAN

Quick install optional lenses

Integrated image sensor

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Keep your presentation and projector safe.

No need to worry about the safety of your projector. The MT60 Series has enhanced security including password protection and an optional security PC card that completely shuts the projector to unauthorized users. To protect against projector theft, you can purchase ceiling mounts from NEC that feature security screws and include attachments for locks. Control panel buttons can also be locked to ensure projector settings are not changed by an unauthorized user.

Serving special needs and the environment.

Using a projector should be an enjoyable experience. Responding to the latest government requirements, the MT60 Series is ADA compliant. This allows users to select the display color of the menu settings and to enable closed captioning. NEC is also concerned about our environment and we have designed the MT60s to operate at <1 watt in standby mode, meeting presidential Executive Order 13221.

Whisper quiet operation and long life lamp.

The MT60 Series features extremely low fan noise at 29dB in super EcoMode, making them among the quietest models available. In addition, when used with the optional long life lamp you get up to 4,000 hours of lamp operation time enhancing your total cost of ownership.

Environmentally friendly and conserves energy.

We take our responsibility to the environment very seriously, especially since our products are used worldwide. We continually look for ways to improve the efficiency of our projectors with features like EcoMode that reduces overall projector power consumption and help conserve energy. In addition our projector factories are certified to meet the ISO 14001 environmental quality standard and are ISO9001 and ISO14002 certified.
ideas flow freely and easily with the MT60™ Series projectors.

Let yourself go and watch your ideas flow! The MT Series conference room projectors let you express your creativity like never before, keeping your audience on the edge of their seats. The most versatile projector you will find anywhere in its class, the MT Series wows them with realistic color and super bright images. Whether you’re presenting to the board, at a sales meeting, or to your congregation, you will captivate and convince with your message and your style with the MT60 series, the superior choice in projectors.

With the MT Series you have it all! Boundless connectivity lets you display images from video, Powerpoint, or a spreadsheet for a seamless, presentation. The specially designed auto focus lens lets you quickly and easily switch between multiple screens, such as a Smart Board or a drop down screen, without having to stop and make manual adjustments. And whether you’re projecting onto a colored or textured wall or unique screen material, your images will always be accurate and true-to-life—automatic color (wall) correction makes it a breeze. With optional wireless or wired networking, the MT Series is ready for remote diagnostics or real time display. It even provides email notification for potential problems so your projector will be ready to go when you are. Setting a new standard for security, the MT Series offers enhanced safety features including a PC security card option, password protection, a lock slot, and cabinet control panel lock so your projector and information always stays safe and secure.

This unique set of features and exclusive technologies give you freedom and flexibility to let your ideas flow. From the lens to the connector panel, our environmentally friendly projectors are precision crafted for performance, quality and long-term reliability. Should a need arise, rest assured that NEC will be there with award winning service and support including InstaCare®, InstaCare Xpress™, and TravelCare™.

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In arbitration wireless mode you can have several users give presentations from separate notebooks, in succession and in real time using the same projector. Peer-to-peer wireless mode lets you project to multiple screens using multiple projectors from a single notebook. No more bothersome cables, no more meeting interruptions, no more worries. Remote diagnostic, monitoring and control are also available over the network when using a separate computer. You can switch on/off the unit, check lamp usage and even setup system information to the projector.

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We take our responsibility to the environment very seriously, especially since our products are used worldwide. We continually look for ways to improve the efficiency of our projectors with features like EcoMode that reduces overall projector power consumption and help conserve energy. In addition our projector factories are certified to meet the ISO environmental quality standard (ISO 14001) and are ISO14001 and ISO14002 certified.
### Additional Features

- **Wireless or Wired Networking**
  - With optional network cards, access your projector to handle remote diagnostics or provide for real time display. Also, provides email notification selection.

- **Auto Focus Lens**
  - Automatically have the projector focus to the screen. Allows for the use of multiple screens and easily switch between them with minimal user interface.

- **Automatic (Wall) Color Correction**
  - Provides for true color reproduction when projecting onto non-standard displays (colored or textured walls).

- **Security Enhancements**
  - You can enable projector to become inoperable if password or PCMCIA security card are not input. Cabinet Control Panel Lock - cabinet control locks keys to prevent unauthorized access and adjustments. Password protected Logo and menu enable to further eliminate unauthorized use. Lock slot, to secure projector.

- **Variable Audio Output**
  - Control external audio sources through the projector.

- **Lamp ID Timer**
  - Allows you to switch between lamps and know remaining lamp life of the individual lamp.

- **Optional Long Life Lamp**
  - Up to 4000 hours expected life, when total cost of operation is primary.

- **VORTEX Technology Plus™**
  - Provides unsurpassed display of video and data. Improves white level, color accuracy, dynamic range, and display of varying levels of black in an image. Color correction system enables six-axis adjustment of CMY and RGB for display of personal color preferences.

- **Sleep Timer**
  - Timer can be set to automatically turn off the projector at selected intervals up to 16 hours.

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

- **AutoSense™**
  - Automatic set-up and one touch adjustments for ease of use.

- **Eco-Mode™**
  - Increase lamp life through light output adjustments.

- **Built-in Presentation Viewer**
  - Upload your presentation onto a PC Card and present directly from the projector.

- **Image Magnification**
  - 64-step magnification with location control.

- **USB Input A and B**
  - When a USB mouse is connected the presenter can make on screen annotations for USB A, USB B allows for hub connections.

- **Government Regulation Compliance**
  - ADAS58 and Executive Order 13221 compliant

### Mechanical

- **Projection Angle**
  - MT1065 Tele: 10.3° to 10.7°; Wide: 13.7° to 14.4°; MT1060R 0°

- **Power Consumption**
  - 390W (all models)

- **Input Current**
  - 4A (100-120VAC), 2A (200-240VAC)

- **Input Requirements**
  - 100-120VAC/200-240VAC, 50/60Hz

- **Fan Noise**
  - MT1065 – Normal mode <39, Eco-Mode <34, Super Eco-Mode <29

- **Built-in Speakers**
  - 5Wx2 with volume, bass, treble control

- **Sync Compatibility**
  - Separate Sync / Composite Sync / Sync on G

- **Color Reproduction**
  - 16.7 million colors simultaneously, Full color

- **Scan Rate**
  - Horizontal: 15 to 100 kHz (non-interlaced) Vertical: 48 to 120 Hz

- **Video Compatibility**
  - NTSC, NTSC4.43, PAL, PAL-M, PAL-N, PAL-60, SECAM, HDTV: 1080p, 1080i, 720p, 50V, 480p, 480i (optional cable), YCbCr component (optional cable)

- **Contrast Ratio**
  - > 800:1

- **Lamp Life**
  - Optional extended lamp 4000H

- **Lamp Type**
  - NSH, Normal/Eco-Mode/Extended life lamp (ANSI, typical)

- **Resolution**
  - 1024x768 pixels up to UXGA with Advanced AccuBlend

- **Optical Pane**
  - 1.0" p-Si TFT w/ MLA

### Electrical

- **Inputs**
  - 1 DVI-D, 1 S-BNC, 1 RGB, 1 Y/C, 1 Video, 2 PC Card

- **Outputs**
  - 1 RGB, 1 Stereo Mini Audio, 1 USB B, 1 9-Pin PC Control, 1 Mouse

- **Video Compatibility**
  - NTSC, NTSC4.43, PAL, PAL-M, PAL-N, PAL-60, SECAM, HDTV: 1080p, 1080i, 720p, 50V, 480p, 480i (optional cable), YCbCr component (optional cable)

- **Scan Rate**
  - Horizontal: 15 to 100 kHz (non-interlaced) Vertical: 48 to 120 Hz

- **Video Bandwidth**
  - RGB 80MHz

- **Pixel Clock Freq**
  - 102MHz

- **Color Reproduction**
  - 16.7 million colors simultaneously, Full color

- **Horizontal Resolution**
  - NTSC, NTSC4.43, PAL, PAL-M, PAL-N, PAL-60 - 600 TV lines, 5-video NTSC/PAL - 650 TV Lines SECAM - 350 TV Lines, YCbCr - 800 TV lines, RGB - 1024 dots (H) x 768 dots (V)

- **External Control**
  - RS232, IR, AMX/Crestron compatibility, USB, LAN

- **Sync Compatibility**
  - Separate Sync / Composite Sync / Sync on G

- **Fan Noise**
  - MT1065 – Normal mode <42, Eco-Mode <38, Super Eco-Mode <33

- **Warranty Options**
  - VLMIC-01 2nd year InstaCare coverage
  - VLMPL-01 1 year limited parts and labor extension

- **Power Consumption**
  - 390W (all models)

### Accessories

- **LAMP**
  - MT60ATA, MT60TC, REMOTE

### Optical

- **Lamp Panel**
  - MT1065 - 1.0" p-Si TFT w/ MLA

- **Lens**
  - Power zoom and power focus with auto focus

- **Light Output**
  - MT1065 - 1300 lumens

- **Contrast Ratio**
  - > 800:1

- **Image Size**
  - MT1065: 25 - 500 inches diagonal

- **Frame Rate**
  - 24, 30, 50, 60 Hz

### Product/Accessories

- **Order Code**
  - MT1065
  - MT1060R

- **Description**
  - XGA, 3200 ANSI projector

- **MT1060R**
  - With short throw lens, XGA, 2500 ANSI projector

- **MT1060R-10L**
  - 1:1 Short throw lens, MT1060R Series

- **MT1060-24L**
  - 2.4:1 power zoom and power focus lens

- **MT60LP**
  - Replacement lamp for MT60 Series

- **MT60LPS**
  - Optional extended life lamp for MT60 Series

- **MT60CM**
  - Ceiling mount kit MT60 Series

- **MT60TC**
  - Local Transport/Storage case for MT60 Series

- **MT60ATA**
  - ATA shipping case for MT60 Series

- **MT60LPS**
  - Optional extended life lamp for MT60 Series

- **MT60CM**
  - Ceiling mount kit MT60 Series

- **MT60TC**
  - Local Transport/Storage case for MT60 Series

- **MT60ATA**
  - ATA shipping case for MT60 Series

- **Warranty Options**
  - VLMIC-01 2nd year InstaCare coverage
  - VLMPL-01 1 year limited parts and labor extension

- **Power Requirements**
  - 100-120VAC/200-240VAC, 50/60Hz

- **Input Current**
  - 4A (100-120VAC, 2A (200-240VAC)

- **Power Consumption**
  - 390W (all models)

### Warranty

Owners receive a 2-year limited parts and labor warranty. InstaCare is provided during the first year of coverage for registered owners. InstaCare provides the original owner with 3-business day repair and return or next business day exchange of the projector. When used under normal operating conditions, the lamp is covered for 90 days or 500 hours, whichever comes first.

### For more information, call (800) NEC-INFO or visit www.necvisualsystems.com

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