Panasonic PT-MZ680BU7

Panasonic PT-MZ680BU7 LCD Projector User Manual

Model: PT-MZ680BU7

INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Panasonic PT-MZ680BU7 LCD Projector. Please read it thoroughly before using the projector and keep it for future reference. This projector features WUXGA resolution, 6000 lumens brightness, and SOLID SHINE Laser Technology for reliable, high-quality projection.

SAFETY INFORMATION

Warning: To prevent fire or electric shock, do not expose this appliance to rain or moisture. Do not open the cabinet. Refer servicing to qualified personnel only.

- Do not block ventilation openings. Ensure adequate space around the projector for proper airflow.
- Avoid looking directly into the lens when the projector is operating, as the bright light source can cause eye damage.
- Use only the power cord supplied with the projector or a suitable replacement.
- Do not place the projector on an unstable cart, stand, or table.
- Disconnect the power plug from the wall outlet if the projector is not to be used for a long period.

SETUP

1. Unpacking and Initial Inspection

Carefully remove the projector from its packaging. Check for any visible damage. Ensure all accessories are present.

2. Removing the Lens Protection Material

Before operation, remove the yellow lens protection material from the projector lens. This material protects the lens during shipping and must be removed for clear projection.

Figure 1: Front view of the projector, showing the lens with the yellow protection material that needs to be removed before use.

3. Positioning the Projector

Place the projector on a stable, level surface or mount it securely according to the installation guide (sold separately). Ensure proper ventilation around the unit. The projector supports 360° projection, allowing for flexible installation angles.

4. Connecting Devices

Connect your video sources (e.g., computer, Blu-ray player) to the appropriate input terminals on the rear of the projector. The PT-MZ680BU7 supports HDMI and USB connectivity.

Figure 2: Rear panel of the projector, illustrating the available input and output ports for connecting external devices.

- **HDMI:** For high-definition digital video and audio.
- **USB:** For connecting USB devices or for firmware updates.
- **LAN (RJ-45):** For network control and monitoring (PJlink, Crestron Connected, Digital Link, art-net compatible).
- **Power Inlet:** Connect the supplied power cord here.

OPERATING INSTRUCTIONS

1. Powering On/Off

Connect the power cord to a wall outlet. Press the **POWER** button on the control panel or remote control to turn the projector on. The projector features Quick On/Off functionality for rapid startup and shutdown. To power off, press the **POWER** button again.

Figure 3: Side view of the projector, highlighting the control panel with buttons for power, input select, menu navigation, volume, and lens adjustments.

2. Selecting Input Source

Press the **INPUT SELECT** button on the control panel or remote control to cycle through available input sources (e.g., HDMI 1, HDMI 2, USB).

3. Adjusting the Image

- **Focus:** Use the **LENS**/**FOCUS** buttons on the control panel or remote to sharpen the image.
- **Zoom:** Use the **LENS**/**ZOOM** buttons to adjust the image size.
- **Lens Shift:** Use the **LENS**/**SHIFT** buttons to adjust the image position without moving the projector.
- **Keystone Correction:** If the image is trapezoidal, adjust keystone correction via the OSD (On-Screen Display) menu.

4. Menu Navigation

Press the **MENU** button to access the On-Screen Display. Use the arrow buttons to navigate and the **ENTER** button to select options. The projector offers various settings including picture modes (DICOM Simulation Mode, Daylight View 3 Technology, Rich Color Enhancer), network settings, and system configurations.

MAINTENANCE

1. Cleaning the Projector

- **Cabinet:** Wipe the projector cabinet with a soft, dry cloth. For stubborn dirt, use a slightly damp cloth and mild detergent, then wipe dry.
- **Lens:** Gently wipe the lens with a soft, lint-free cloth specifically designed for optical lenses. Do not use

abrasive cleaners.

- **Air Vents:** Periodically clean the air vents to ensure proper cooling. Use a soft brush or a vacuum cleaner with a brush attachment to remove dust.

2. Laser Light Source

The PT-MZ680BU7 uses a SOLID SHINE Laser Technology light source, which offers a long operational life and typically does not require replacement like traditional lamps. However, ensure the projector operates within recommended temperature ranges to maximize its lifespan.

3. Firmware Updates

Check the Panasonic support website periodically for firmware updates to ensure optimal performance and access to the latest features. Updates can typically be applied via USB.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No image displayed	Incorrect input source selected; Loose cable connection; Projector in standby mode.	Select the correct input source. Check all cable connections. Press the POWER button to turn on.
Image is blurry	Lens out of focus.	Adjust the focus using the LENS/FOCUS buttons.
Image is distorted (trapezoidal)	Projector not perpendicular to the screen.	Adjust keystone correction via the OSD menu or reposition the projector.
Projector overheats and shuts down	Blocked ventilation; High ambient temperature.	Ensure vents are clear. Operate in a well-ventilated area.

SPECIFICATIONS

Brand: Panasonic

Model Number: PT-MZ680BU7

Display Resolution: 1920 x 1200 (WUXGA)

Brightness: 6000 lumens

Connectivity Technology: HDMI, USB

Special Features: Portable, High-bandwidth Digital Content Protection System (HDCP), Deep Color, PJlink, DICOM Simulation Mode, Cloning Function, Multi-Unit Brightness Control, Detail Clarity Processor 4, 360° projection, Crestron Connected, Digital Link, art-net compatible, Daylight View 3 Technology, SOLID SHINE Laser Technology, Quad Pixel Drive, Quick On/Off, 24/7 operation, 1-chip DLP technology, Rich Color Enhancer, Multi-Laser Drive Engine, Failover Circuitry, Remote Preview Lite

Color: Black

First Available Date: February 1, 2022

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Panasonic website or contact your local Panasonic service center. Keep your purchase receipt as proof of purchase for warranty claims.

Online Support: https://na.panasonic.com/us/support