

Mecer A2457R+

Mecer 23.8 Inch Full HD LED Monitor A2457R+ User Manual

MODEL: A2457R+

1. Introduction

Thank you for choosing the Mecer 23.8 Inch Full HD LED Monitor. This manual provides essential information for setting up, operating, and maintaining your monitor. Please read it thoroughly before use to ensure proper functionality and longevity of your device.

This monitor features a 23.8-inch Full HD (1920 x 1080) display, offering crisp and clear visuals. It incorporates TFT LED panel technology for energy efficiency and vibrant colors, with a 16:9 aspect ratio suitable for widescreen viewing. Connectivity options include VGA and HDMI, making it compatible with various devices. Built-in speakers provide basic audio, and wide 178° viewing angles ensure comfortable use. With a 2ms response time, it is suitable for general computing and multimedia consumption.

2. Safety Information

- **Power Source:** Use only the power adapter supplied with the monitor. Ensure the power outlet is properly grounded.
- **Ventilation:** Do not block ventilation openings. Allow adequate space around the monitor for proper airflow to prevent overheating.
- **Placement:** Place the monitor on a stable, flat surface. Avoid placing it in direct sunlight, near heat sources, or in environments with excessive dust or humidity.
- **Cleaning:** Disconnect the power cord before cleaning. Use a soft, dry cloth for the screen and a slightly damp cloth for the casing. Avoid using abrasive cleaners or solvents.
- **Liquid Exposure:** Keep liquids away from the monitor. If liquid enters the monitor, disconnect power immediately and contact qualified service personnel.
- **Disassembly:** Do not attempt to disassemble or repair the monitor yourself. Refer all servicing to

qualified service personnel.

3. Package Contents

Please check the package contents to ensure all items are present:

- Mecer 23.8 Inch LED Monitor
- Monitor Stand (Base and Neck)
- Power Adapter and Cable
- HDMI Cable
- VGA Cable
- User Manual (this document)



Image 3.1: The monitor packaging box, indicating the model A2457R+ and key features like 23.8" display, Full HD 1920x1080 resolution, frameless design, 5ms response time, and built-in speakers.

4. Setup

4.1. Assembling the Monitor Stand

1. Carefully remove the monitor and stand components from the packaging.
2. Attach the stand neck to the monitor panel by aligning the tabs and pushing firmly until it clicks into place.
3. Attach the stand base to the stand neck, securing it with the provided screw (usually hand-tightened).
4. Place the assembled monitor on a stable, flat surface.



Image 4.1: Front view of the Mecer 23.8 Inch LED Monitor with its stand assembled, ready for connection.

4.2. Connecting to a Computer

The monitor supports both HDMI and VGA connections. Choose the appropriate cable for your computer.

- **HDMI Connection:** Connect one end of the HDMI cable to the HDMI port on your computer's graphics card and the other end to the HDMI port on the monitor. HDMI transmits both video and audio signals.
- **VGA Connection:** Connect one end of the VGA cable to the VGA port on your computer's graphics card and the other end to the VGA port on the monitor. VGA transmits only video signals.



Image 4.2: Rear view of the Mecer 23.8 Inch LED Monitor, showing the input ports including HDMI and VGA, as well as the power input.

4.3. Power Connection

1. Connect the power adapter cable to the DC IN port on the back of the monitor.

2. Plug the power adapter into a wall outlet.
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5. Operating Instructions

5.1. Powering On/Off

Press the power button, typically located on the bottom right side or rear of the monitor, to turn the monitor on or off. The power indicator light will illuminate when the monitor is on.

5.2. Input Source Selection

If you have multiple devices connected, you may need to manually select the input source. Use the monitor's control buttons (usually located near the power button) to navigate to the input selection menu and choose between HDMI or VGA.

5.3. On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various display settings. Use the monitor's control buttons to:

- Access the OSD menu.
- Navigate through menu options (e.g., Brightness, Contrast, Color Settings, Input Source).
- Adjust values or select options.
- Exit the OSD menu.

Common adjustable settings include:

- **Brightness/Contrast:** Adjust the overall luminance and difference between light and dark areas.
- **Color Settings:** Adjust color temperature, RGB values, or select preset color modes.
- **Aspect Ratio:** Change between 16:9, 4:3, or other available options.
- **Audio:** Adjust volume for the built-in speakers.

5.4. Built-in Speakers

The monitor includes built-in speakers for basic audio output. If using an HDMI connection, audio will be transmitted automatically. For VGA connections, ensure your computer's audio output is configured correctly. Adjust the volume through the OSD menu or your computer's operating system.

6. Maintenance

6.1. Cleaning the Monitor

- Always unplug the monitor from the power outlet before cleaning.
- **Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, lightly dampen the cloth with water or a specialized screen cleaner (ensure it's alcohol-free and ammonia-free) and wipe carefully. Do not spray liquid directly onto the screen.
- **Casing:** Use a soft, dry cloth to wipe the monitor casing. If necessary, a slightly damp cloth can be used, followed by a dry cloth.

6.2. Storage

If storing the monitor for an extended period, disconnect all cables, pack it in its original packaging (if available), and store it in a cool, dry place away from direct sunlight and extreme temperatures.

7. Troubleshooting

If you encounter issues with your monitor, refer to the following common problems and solutions:

- **No Power:**
 - Ensure the power cable is securely connected to the monitor and the wall outlet.
 - Verify the power outlet is functioning by plugging in another device.
 - Check if the power adapter is working correctly.
- **No Signal:**
 - Ensure the video cable (HDMI or VGA) is securely connected to both the monitor and the computer.
 - Verify that the correct input source is selected on the monitor (via the OSD menu).
 - Check if your computer is powered on and outputting a video signal.
 - Try a different video cable if available.
- **Image is Blurry or Distorted:**
 - Ensure the monitor's resolution is set to its native resolution (1920 x 1080) in your computer's display settings.
 - Adjust the monitor's OSD settings for brightness, contrast, and sharpness.
 - For VGA connections, use the 'Auto Adjust' function in the OSD menu if available.
- **No Audio from Built-in Speakers:**
 - Ensure the monitor's volume is not muted or set too low in the OSD menu.
 - Check your computer's audio output settings to ensure the monitor is selected as the playback device.
 - If using VGA, ensure your computer's audio is routed to an external speaker system, as VGA does not carry audio.

8. Specifications

Feature	Specification
Brand	Mecer
Model Number	A2457R+
Display Size	23.8 Inches
Resolution	1920 x 1080 Pixels (Full HD)
Display Type	LED (TFT LED Panel)

Feature	Specification
Aspect Ratio	16:9
Response Time	2 Milliseconds
Refresh Rate	75 Hz
Viewing Angles	178° Horizontal / 178° Vertical
Connectivity	1x HDMI, 1x VGA
Built-in Speakers	Yes
Color	Black
Product Dimensions (D x W x H)	560D x 42W x 410H millimetres
Special Features	High performance intelligent multi-frequency scanning, Micro Computer digital technology control, no radiation, no glare, Comply with VESA DPMS international power saving regulation, Support DDC 1/2B and Windows PNP Plug and Play

9. Warranty and Support

This Mecer monitor comes with a **1 Year Limited Warranty** from the date of purchase. Please retain your proof of purchase for warranty claims.

For technical support, service, or warranty inquiries, please contact your retailer or the authorized Mecer service center in your region. Do not attempt to repair the product yourself, as this may void your warranty.