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MSI PRO MP2412

MSI PRO MP2412 Monitor User Manual

Model: PRO MP2412

1. Introduction

This manual provides detailed instructions for the setup, operation, and maintenance of your MSI PRO MP2412 monitor. Please read this manual thoroughly before using the product to ensure proper functionality and safety.



Figure 1.1: Front view of the MSI PRO MP2412 monitor, showcasing its sleek design and 24-inch display.

Key Features:

- 24-inch Full HD (1920 x 1080) Display
- 100Hz Refresh Rate for smoother visuals
- TUV Certified Eyesight Protection (Anti-Flicker, Less Blue Light)
- 1ms Response Time (MPRT)
- VESA Mount Compatible (75mm)
- Tool-less Assembly for easy setup
- Accessory Slot for convenience

2. Package Contents

Please verify that all items listed below are present in your package. If any item is missing or damaged, contact your retailer.

- MSI PRO MP2412 Monitor
- Monitor Stand (Base and Neck)
- Power Adapter
- HDMI Cable
- Quick Start Guide / User Manual (this document)

3. Setup and Assembly

3.1 Assembling the Stand

The monitor stand is designed for tool-less assembly, allowing for quick and easy setup.

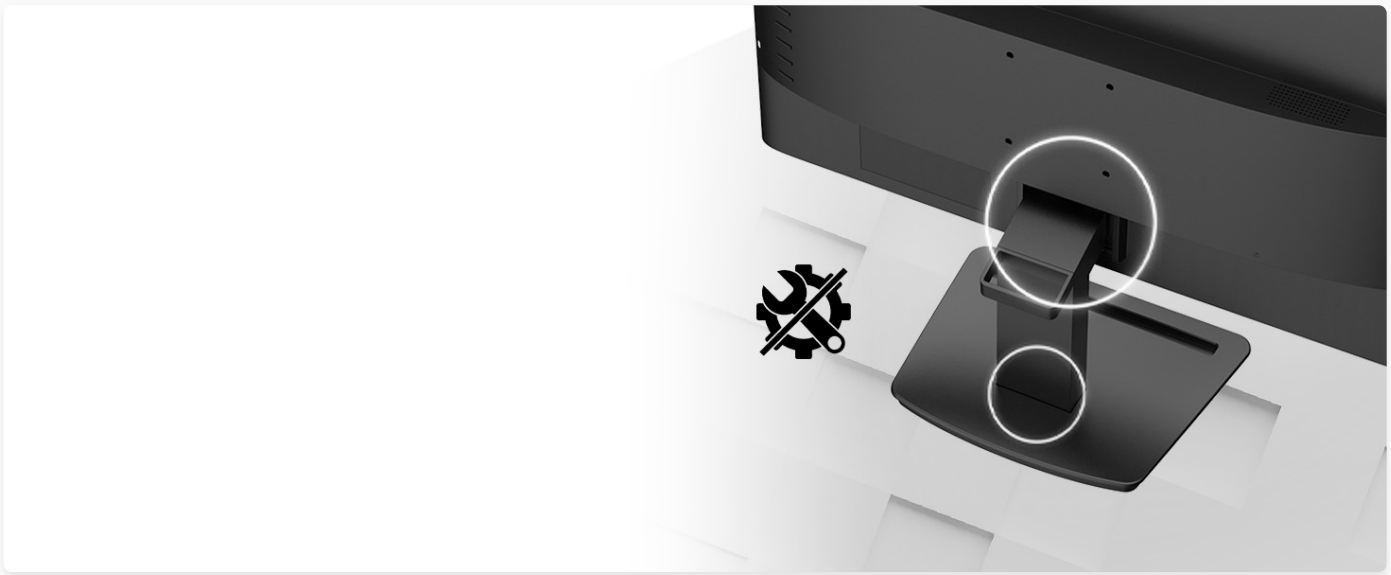


Figure 3.1: Illustration of the tool-less assembly process for the monitor stand, highlighting the simple attachment mechanism.

1. Carefully place the monitor screen face down on a soft, clean surface to prevent scratches.
2. Align the stand neck with the mounting slot on the back of the monitor.
3. Push the neck firmly into the slot until it clicks into place.
4. Attach the base to the bottom of the stand neck and secure it with the captive screw, usually by hand-tightening.

3.2 Connecting the Monitor

Connect the necessary cables to your monitor and computer.



Figure 3.2: Rear view of the monitor displaying the power input, DisplayPort, and HDMI ports for versatile connectivity.

- Connect the power adapter to the monitor's DC-in port and then to a power outlet.
- Connect the HDMI cable from your computer's HDMI output to the monitor's HDMI-in port. Alternatively, use a DisplayPort cable if your computer supports it.
- Power on your computer and the monitor.

3.3 VESA Mount Installation (Optional)

The monitor supports a 75mm VESA mount for wall or arm mounting. This allows for flexible placement and ergonomic adjustments.

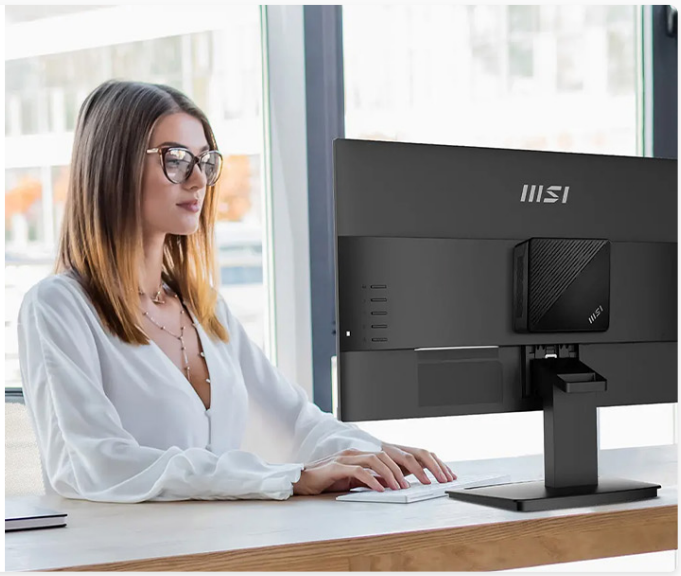


Figure 3.3: The monitor shown mounted on a VESA-compatible arm, demonstrating its adaptability for various setups.

To install using a VESA mount, first remove the pre-assembled stand. Then, attach your VESA-compatible mount to the four screw holes on the back of the monitor. Ensure the mount is securely fastened according to the mount manufacturer's instructions.

4. Operating the Monitor

4.1 Power On/Off

Press the power button, typically located on the back or bottom edge of the monitor, to turn it on or off.

4.2 On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various monitor settings. Access the OSD menu using the buttons located on the back of the monitor.



Figure 4.1: A view of the On-Screen Display (OSD) menu, providing options for adjusting image, input source, and other monitor settings.

Navigate through the menu using the directional buttons and confirm selections with the enter button. Common settings include:

- **Professional:** Adjusts display modes (e.g., Eco, User, Movie, Office).
- **Image:** Controls brightness, contrast, sharpness, and color temperature.
- **Input Source:** Selects between HDMI and DisplayPort inputs.
- **Navi Key:** Customizes shortcut functions for the navigation buttons.
- **Setting:** General settings like language, OSD timeout, and reset options.

4.3 Adjusting Display Tilt

The monitor allows for tilt adjustment to optimize your viewing angle. Gently push or pull the top or bottom edge of the monitor to adjust its vertical angle.



Figure 4.2: Demonstrates the monitor's tilt capability, allowing users to adjust the screen angle for comfortable viewing.

5. Advanced Features

5.1 Eyesight Protection (TUV Certified)

The MSI PRO MP2412 incorporates TUV Certified Eyesight Protection technologies to reduce eye strain during prolonged use.

- **Anti-Flicker:** Reduces screen flickering, which can cause eye fatigue.
- **Less Blue Light:** Filters out harmful blue light emissions, promoting better sleep and reducing eye strain.
- **Anti-Glare:** The matte screen surface minimizes reflections, improving visibility in brightly lit environments.



Figure 5.1: Depiction of MSI Eye Care Technology, illustrating the benefits of Anti-Flicker, Less Blue Light, and Anti-Glare features for user comfort.

5.2 High Refresh Rate (100Hz) and Fast Response Time (1ms)

Experience smoother visuals and reduced motion blur with the monitor's 100Hz refresh rate and 1ms Moving Picture Response Time (MPRT).



Figure 5.2: Visual comparison highlighting the smoother motion provided by a 100Hz refresh rate compared to a standard 60Hz display.



Figure 5.3: Illustrates the difference between 1ms and 8ms response times, showing how 1ms MPRT reduces motion blur for clearer images.

5.3 Accessory Slot

The monitor features a convenient accessory slot on its base, ideal for holding a smartphone or pen, keeping your workspace organized.

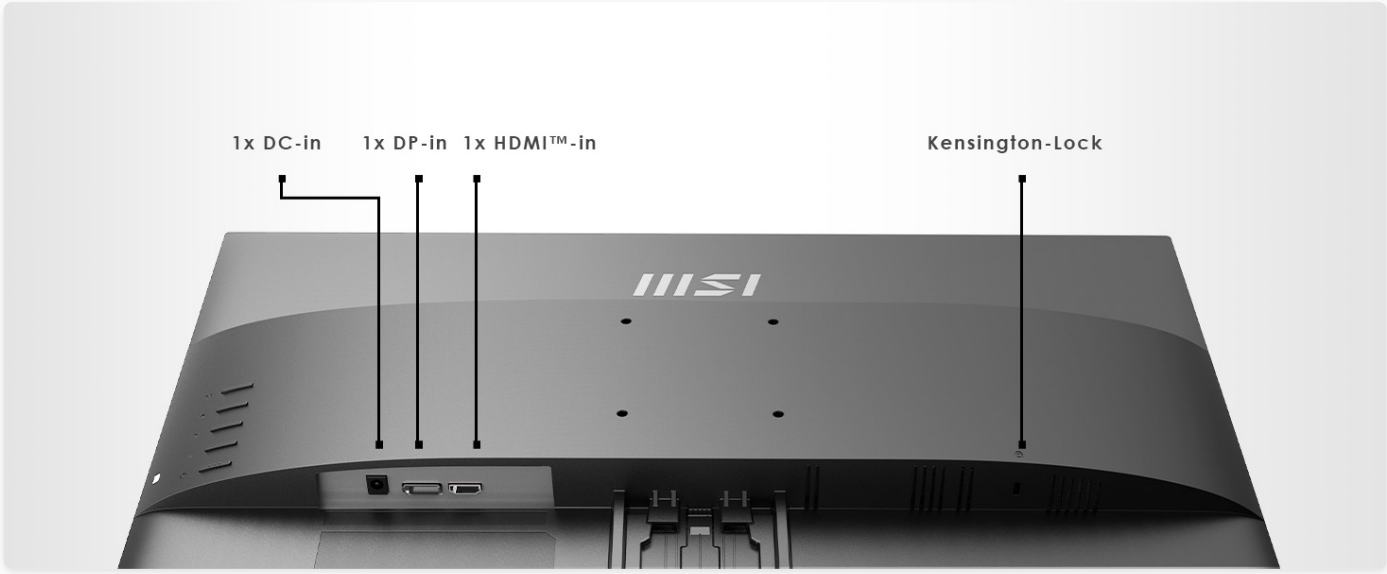


Figure 5.4: The monitor's base featuring a dedicated slot designed to hold small accessories like a pen or smartphone, enhancing desk organization.

6. Maintenance and Care

Proper maintenance ensures the longevity and optimal performance of your monitor.

- **Cleaning the Screen:** Use a soft, lint-free cloth lightly dampened with a screen cleaner. Never spray cleaner directly onto the screen.
- **Cleaning the Casing:** Wipe the monitor casing with a soft, dry cloth. Avoid using abrasive cleaners or solvents.
- **Ventilation:** Ensure proper airflow around the monitor. Do not block ventilation openings.
- **Storage:** If storing the monitor for an extended period, disconnect all cables and store it in a cool, dry place.

7. Troubleshooting

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

Problem	Possible Cause	Solution
No image on screen	Power cable disconnected, video cable loose/incorrect, incorrect input source.	Check power connections. Ensure video cable is securely connected to both monitor and computer. Select correct input source via OSD menu.
Image is blurry or distorted	Incorrect resolution, faulty video cable.	Set display resolution to 1920x1080. Try a different video cable.
No sound (if applicable)	Audio settings incorrect, external speakers not connected.	Adjust volume settings in OSD and computer. Ensure external speakers are properly connected if used.
Monitor not turning on	No power, faulty power adapter.	Verify power outlet is working. Check power adapter connection.

If the problem persists after trying these solutions, please contact MSI customer support.

8. Specifications

Feature	Description
Model Name	MSI PRO MP2412
Screen Size	24 Inches (23.8" visible)
Panel Type	IPS
Resolution	1920 x 1080 (Full HD)
Refresh Rate	100Hz
Response Time	1ms (MPRT)
Aspect Ratio	17:9
Contrast Ratio	4000:1
Connectivity	1x HDMI, 1x DisplayPort, 1x DC-in
VESA Mounting	75 x 75 mm
Dimensions (LxWxH)	7 x 21 x 17 inches (with stand)
Weight	9.7 pounds (with stand)
Color	Black
Eyesight Protection	TUV Certified, Anti-Flicker, Less Blue Light

9. Warranty and Support

9.1 Limited Warranty

MSI offers a 3-Year Limited Warranty for this monitor, with 1-Year Global coverage. Please refer to the warranty card included in your package or visit the official MSI website for full terms and conditions.



Figure 9.1: Warranty details indicating a 3-Year Limited Warranty and 1-Year Global coverage for the product.

9.2 Customer Support

For technical assistance, troubleshooting, or service inquiries, please contact the MSI Service Center. Utilizing official support channels can help minimize downtime and ensure efficient resolution of any issues.

- Visit the official MSI website for support resources, FAQs, and driver downloads.
- Refer to the contact information provided in your product packaging for regional support details.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Details

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