

msi MAG256F

MSI MAG 256F 25-inch FHD Gaming Monitor User Manual

Model: MAG256F

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your MSI MAG 256F 25-inch Full HD (FHD) Gaming Monitor. Please read this manual thoroughly before using the product to ensure proper setup and optimal performance. Keep this manual for future reference.

The MSI MAG 256F monitor features a 25-inch Rapid IPS panel with a 1920x1080 resolution, 180Hz refresh rate, and 1ms GTG response time, designed for a smooth gaming experience. It supports Adaptive-Sync technology and offers various connectivity options.

2. SAFETY INFORMATION

Observe the following safety guidelines to prevent damage to the monitor and ensure user safety:

- **Power Source:** Use only the power adapter and cord supplied with the monitor. Ensure the power outlet is properly grounded.
- **Placement:** Place the monitor on a stable, flat surface. Avoid placing it in direct sunlight, near heat sources, or in environments with excessive dust, humidity, or vibrations.
- **Ventilation:** Do not block ventilation openings. Allow adequate space around the monitor for proper airflow.
- **Cleaning:** Disconnect the power cord before cleaning. Use a soft, dry cloth for cleaning the screen and casing. Avoid using liquid cleaners or aerosol sprays directly on the monitor.
- **Liquid and Moisture:** Keep the monitor away from liquids. Do not expose it to rain or moisture.
- **Servicing:** Do not attempt to service the monitor yourself. Refer all servicing to qualified service personnel.
- **Heavy Objects:** Do not place heavy objects on the monitor or its power cord.

3. SETUP AND INSTALLATION

3.1 Unpacking and Package Contents

Carefully remove the monitor and all accessories from the packaging. Verify that all items listed below are present:

- MSI MAG 256F Monitor
- Monitor Stand (Base and Neck)
- Power Adapter and Power Cord
- HDMI Cable
- DisplayPort Cable
- User Manual (this document)

3.2 Assembling the Monitor Stand

Follow these steps to attach the stand to the monitor panel:

1. Place the monitor panel face down on a soft, clean cloth to prevent scratches.
2. Attach the stand neck to the back of the monitor panel, ensuring it clicks securely into place.
3. Attach the stand base to the stand neck and tighten the screw(s) at the bottom of the base.



Figure 3.2.1: Front view of the MSI MAG 256F monitor with its stand.

3.3 Connecting the Monitor

Connect the monitor to your computer or other devices using the appropriate cables.

- **Power Connection:** Connect the power adapter to the monitor's DC-in port, then plug the power cord into a grounded electrical outlet.

- **Video Connection:**

- **HDMI:** Connect one end of the HDMI cable to the monitor's HDMI port and the other end to your computer's HDMI output.
- **DisplayPort:** Connect one end of the DisplayPort cable to the monitor's DisplayPort and the other end to your computer's DisplayPort output.

- **Audio Output:** If you wish to use external headphones or speakers, connect them to the monitor's Earphone Out port.



Figure 3.3.1: Rear view of the monitor showing available input and output ports.

3.4 VESA Mounting

The monitor supports VESA mounting standards (100x100mm) for wall mounts or adjustable arms. To use a VESA mount, remove the stand neck from the monitor panel. Refer to your VESA mount's instructions for installation.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

Press the power button, usually located on the bottom or back of the monitor, to turn the monitor on or off. The power indicator light will illuminate when the monitor is on.

4.2 On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various monitor settings. Access the OSD menu using the joystick or buttons typically located on the back or bottom right of the monitor.

- **Navigation:** Use the joystick (if present) or directional buttons to navigate through menu options.
- **Selection:** Press the joystick or a dedicated button to select an option or confirm a setting.
- **Exit:** Move the joystick left or press an 'Exit' button to go back or exit the OSD menu.

4.3 Picture Settings

Adjust display characteristics for optimal viewing:

- **Brightness:** Adjust the overall luminance of the screen.
- **Contrast:** Modify the difference between light and dark areas.

- **Color Temperature:** Select predefined color temperature modes (e.g., Warm, Cool, User) or adjust RGB values manually.
- **Gamma:** Adjust the tone response curve of the display.
- **HDR:** Enable or disable High Dynamic Range for enhanced contrast and color depth.



Figure 4.3.1: HDR Ready feature enhances visual quality.

4.4 Gaming Features

The MSI MAG 256F monitor is equipped with features to enhance your gaming experience:

- **Refresh Rate (180Hz):** Provides smoother motion and reduced input lag compared to lower refresh rate monitors.
- **Response Time (1ms GTG):** Minimizes motion blur and ghosting for clear, fast-paced action.
- **Adaptive-Sync (AMD FreeSync / VRR):** Synchronizes the monitor's refresh rate with your graphics card's frame rate to eliminate screen tearing and stuttering.

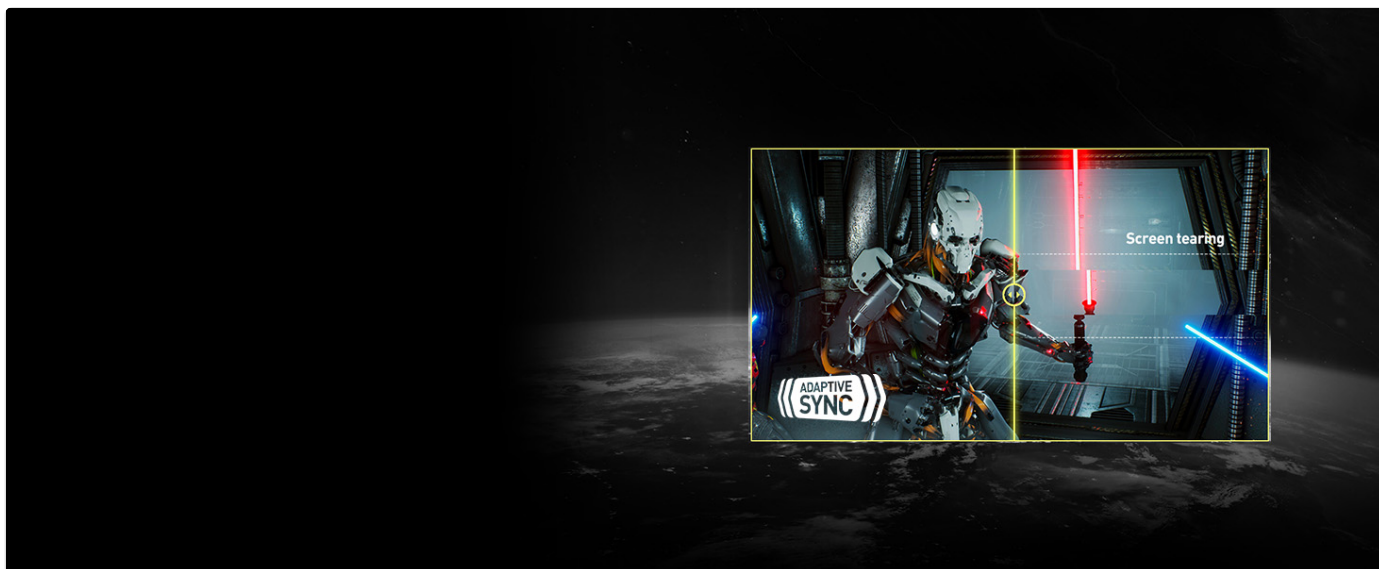


Figure 4.4.1: Adaptive Sync technology for tear-free gaming.

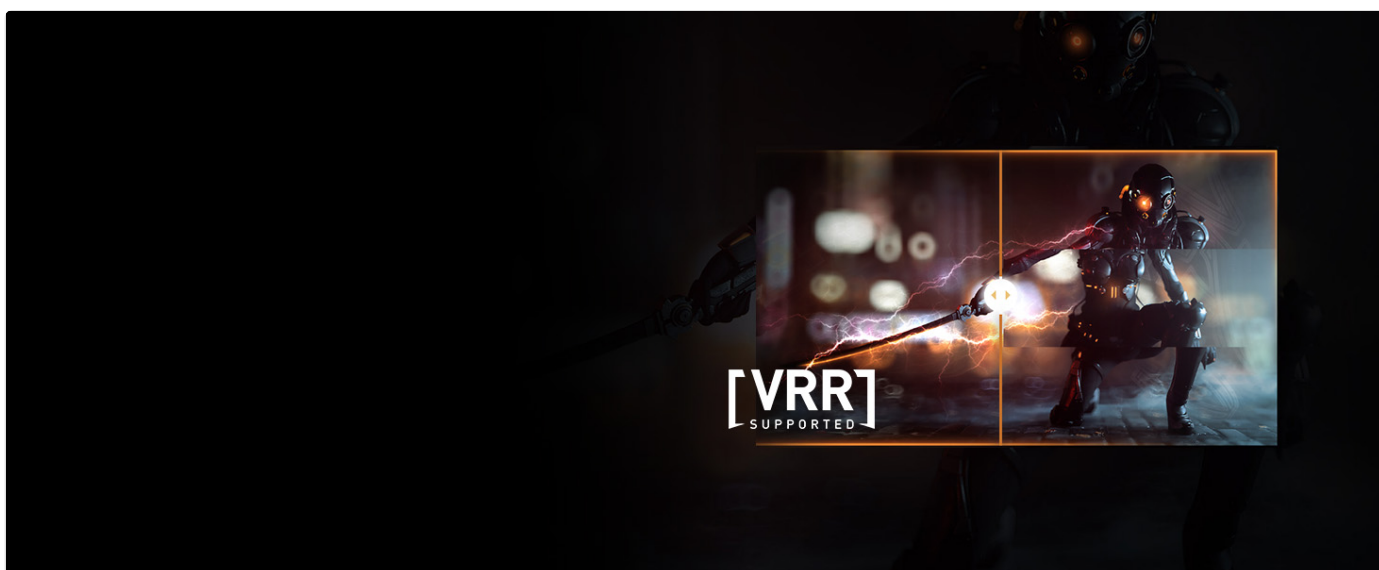


Figure 4.4.2: VRR support for optimized frame delivery.

4.5 Audio Settings

The monitor includes an Earphone Out port for connecting external audio devices. Adjust audio volume through your connected computer or the external audio device itself. While the product title mentions a speaker, for optimal audio experience, external speakers or headphones are recommended.

4.6 Input Source Selection

Use the OSD menu to manually select the active input source (HDMI or DisplayPort) if the monitor does not automatically detect it.

4.7 Ergonomic Adjustments

The monitor stand allows for tilt adjustments to find a comfortable viewing angle.

- **Tilt:** Gently tilt the monitor panel forward or backward to adjust the vertical viewing angle (-5° to 20°).



Figure 4.7.1: Monitor tilt adjustment range.

5. MAINTENANCE

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

- **Cleaning the Screen:**

- Turn off the monitor and unplug the power cord.
- Use a soft, lint-free cloth, slightly dampened with water or a specialized screen cleaner, to gently wipe the screen.
- Do not press hard on the screen or use abrasive cleaners.

- **Cleaning the Casing:**

- Turn off the monitor and unplug the power cord.
- Use a soft, dry cloth to wipe the monitor casing.

- Avoid using strong detergents or solvents that may damage the surface.
- **Storage:** If storing the monitor for an extended period, unplug it, cover it to protect from dust, and store in a cool, dry place.

6. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No power	Power cord not connected; Power outlet not working	Ensure power cord is securely connected to monitor and outlet; Test outlet with another device.
No signal	Video cable not connected; Incorrect input source selected	Check video cable connections (HDMI/DisplayPort); Select correct input source via OSD menu.
Image flickering or distorted	Loose video cable; Graphics card driver issue; Refresh rate mismatch	Reseat video cable; Update graphics drivers; Ensure refresh rate is set correctly in OS display settings.
Colors appear incorrect	Color settings misconfigured; Faulty cable	Adjust color settings in OSD menu; Try a different video cable.
OSD menu not responding	Buttons/joystick stuck; Temporary software glitch	Check for physical obstructions; Power cycle the monitor (unplug and replug).

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

7. SPECIFICATIONS

The following table lists the technical specifications for the MSI MAG 256F monitor:

Feature	Description
Model Name	MAG256F
Screen Size	25 Inches
Panel Type	Rapid IPS
Resolution	1920 x 1080 (FHD)
Aspect Ratio	16:9
Refresh Rate	180Hz
Response Time	1ms GTG
Adaptive Sync	AMD FreeSync, VRR Supported
Connectivity	2x HDMI (2.0), 1x DisplayPort (1.2a), 1x Earphone Out, 1x DC-in
VESA Mounting	100 x 100 mm

Feature	Description
Adjustments	Tilt (-5° ~ 20°)
Dimensions (LxWxH)	8.67 x 22.05 x 16.59 inches
Item Weight	11.88 pounds
Color	Black

24.5"

SCREEN SIZE

FHD

1920x1080

RESOLUTION

180 Hz

REFRESH RATE

1ms GTG

RESPONSE TIME

RAPID IPS

Rapid IPS Panel

ADAPTIVE SYNC

Adaptive Sync

[VRR]

SUPPORTED

VRR Supported

Wide Color Gamut

Wide Color Gamut

Figure 7.1.1: Key specifications overview.

8. WARRANTY AND SUPPORT

For information regarding the product warranty, please refer to the warranty card included in your package or visit the official MSI website. For technical support or service inquiries, please contact MSI customer service through their official channels.

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for

conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question