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› MSI MAG 244F Gaming Monitor User Manual

MSI MAG 244F

MSI MAG 244F Gaming Monitor

USER MANUAL

1. Introduction

Thank you for choosing the MSI MAG 244F Gaming Monitor. This monitor is designed to provide an immersive gaming experience with its advanced features. It boasts a 1920x1080 (FHD) panel, a high 200Hz refresh rate, and an ultra-fast 0.5ms response time. The MAG 244F is HDR-ready, enhancing visual details through optimized contrast and shadow reproduction. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your monitor.



Front view of the MSI MAG 244F Gaming Monitor, showcasing its sleek design and display.

2. Safety Information

Please read all instructions carefully before using the monitor. Keep this manual for future reference.

- Do not expose the monitor to rain or moisture to prevent fire or shock hazards.
- Do not open the monitor casing. There are no user-serviceable parts inside. Refer all servicing to qualified personnel.
- Place the monitor on a stable, flat surface to prevent it from falling.
- Ensure proper ventilation around the monitor. Do not block ventilation openings.
- Use only the power adapter and cables supplied by the manufacturer.
- Unplug the monitor from the power outlet during lightning storms or when unused for long periods.

3. Package Contents

Verify that all items are present in your package:

- MSI MAG 244F Gaming Monitor
- Monitor Stand (Base and Neck)
- Power Adapter and Power Cord
- HDMI Cable
- DisplayPort Cable
- User Manual and Quick Start Guide
- Warranty Card

4. Setup

Follow these steps to assemble and connect your monitor.

4.1 Assembling the Stand

1. Carefully remove the monitor from its packaging, keeping the screen protected.
2. Attach the stand neck to the monitor panel.
3. Attach the stand base to the stand neck and secure it with the provided screw.
4. Place the assembled monitor on a stable, flat surface.

4.2 Connecting the Monitor

Ensure all devices are powered off before making connections.



Rear view of the MSI MAG 244F monitor showing the available ports: DC-in, Headphone-out, DisplayPort 1.2a (HBR2), and HDMI 2.0b.

- **Power Connection:** Connect the power adapter to the monitor's DC-in port, then plug the power cord into a wall outlet.
- **Video Connection:**
 - For optimal performance, connect the DisplayPort cable from your computer's graphics card to the monitor's DisplayPort input.
 - Alternatively, connect the HDMI cable from your computer's graphics card to the monitor's HDMI input.
- **Audio Connection:** If desired, connect headphones or external speakers to the monitor's Headphone-out port.

4.3 Initial Power On

After connecting all cables, power on your computer, then press the power button on the monitor. The monitor should automatically detect the input signal.

5. Operating the Monitor

This section details the key features and how to operate your MSI MAG 244F monitor.



Overview of MSI MAG 244F key features including 23.8" display, AMD FreeSync Premium, AI Vision, HDR Ready, 0.5ms GTG, 200Hz refresh rate, FHD 1920x1080 resolution, Rapid IPS panel, and Wide Color Gamut (DCI-P3 96%, Adobe RGB 91%, sRGB 126%).

5.1 On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various monitor settings. Navigate the menu using the joystick or buttons located on the monitor.

- **Main Menu:** Access display modes, input selection, picture settings, and more.
- **Quick Access:** Some monitors offer quick access buttons for common functions like input source or game mode.

5.2 High Refresh Rate (200Hz) and Fast Response Time (0.5ms)

The MAG 244F features a 200Hz refresh rate and a 0.5ms (GtG) response time, providing incredibly smooth and responsive gameplay, eliminating motion blur and ghosting.



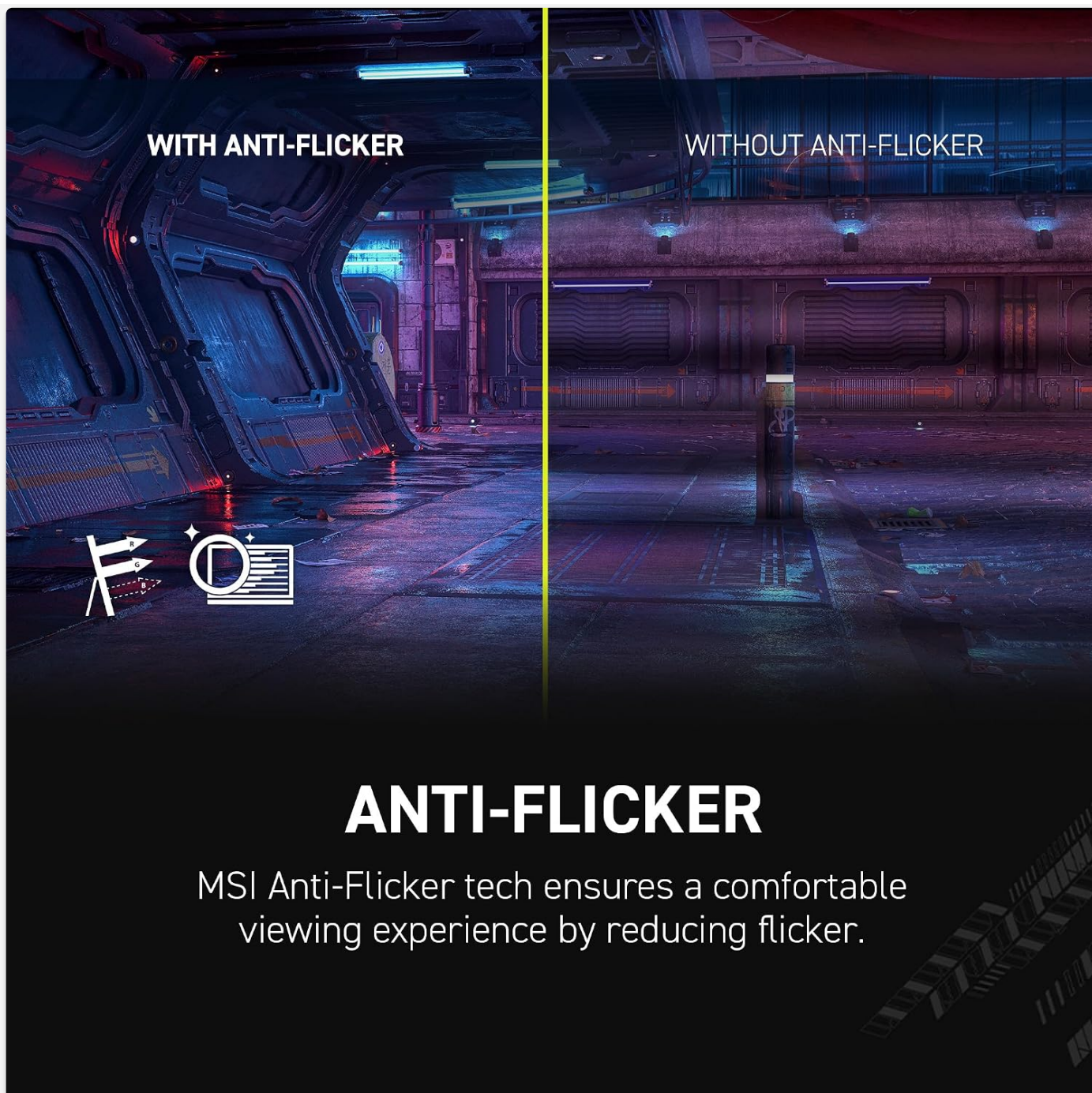
ADAPTIVE SYNC

Adaptive Sync matches your monitor's refresh rate with your GPU to prevent screen tearing.

Visual representation of the Elite Gaming Experience, highlighting the 200Hz refresh rate and 0.5ms response time for smooth visuals.

5.3 Adaptive Sync Technology

Adaptive Sync technology synchronizes the monitor's refresh rate with your GPU's frame rate, effectively eliminating screen tearing and stuttering for a fluid gaming experience.



Comparison image demonstrating the effect of Adaptive Sync, showing a smooth image on the left and screen tearing on the right without the technology.

5.4 HDR Ready

The monitor is HDR (High Dynamic Range) ready, producing superior detail in darker regions and enhancing overall brightness and color saturation. This results in more realistic and vivid images with dynamic contrast that mimics the human eye.

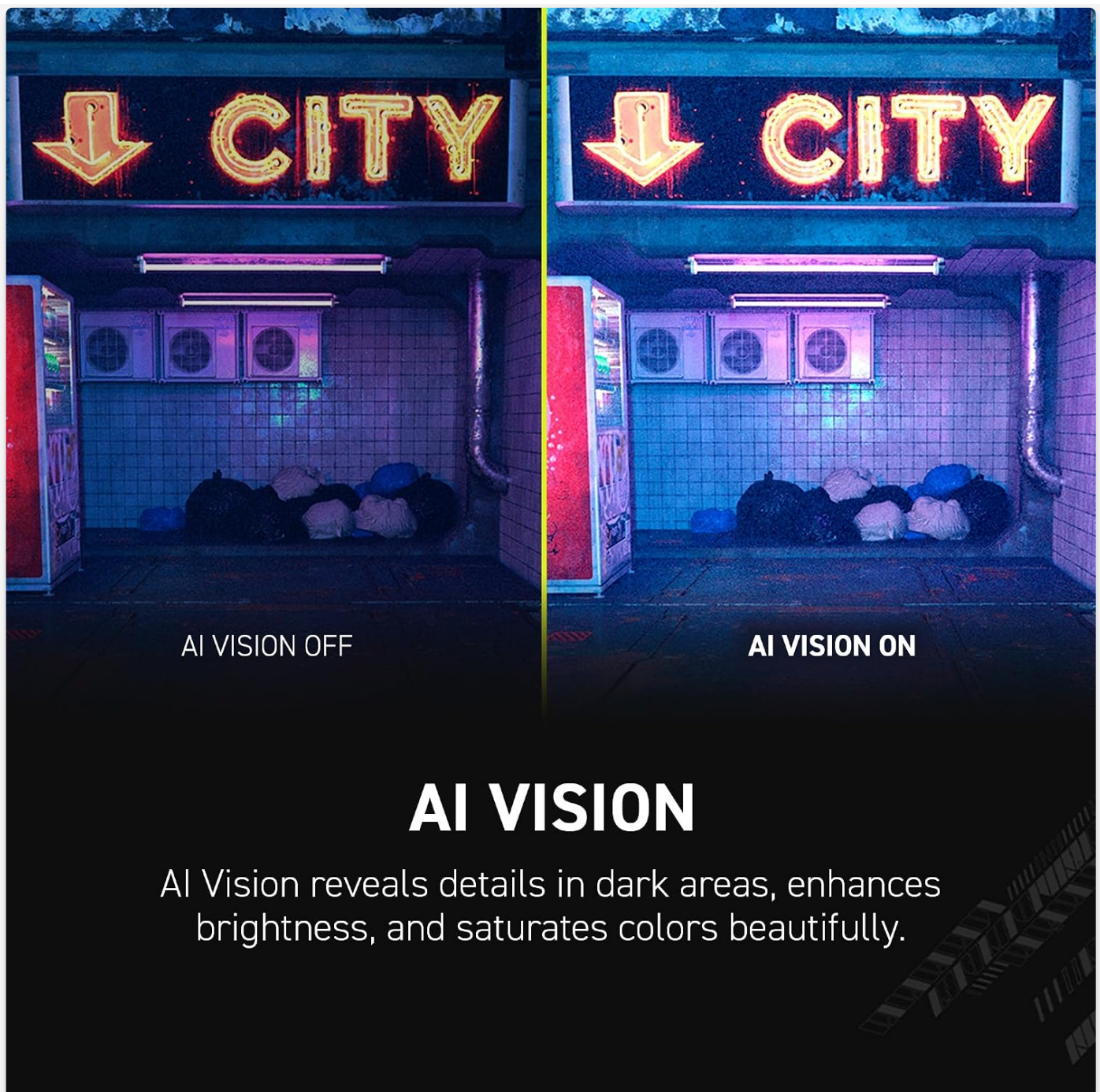
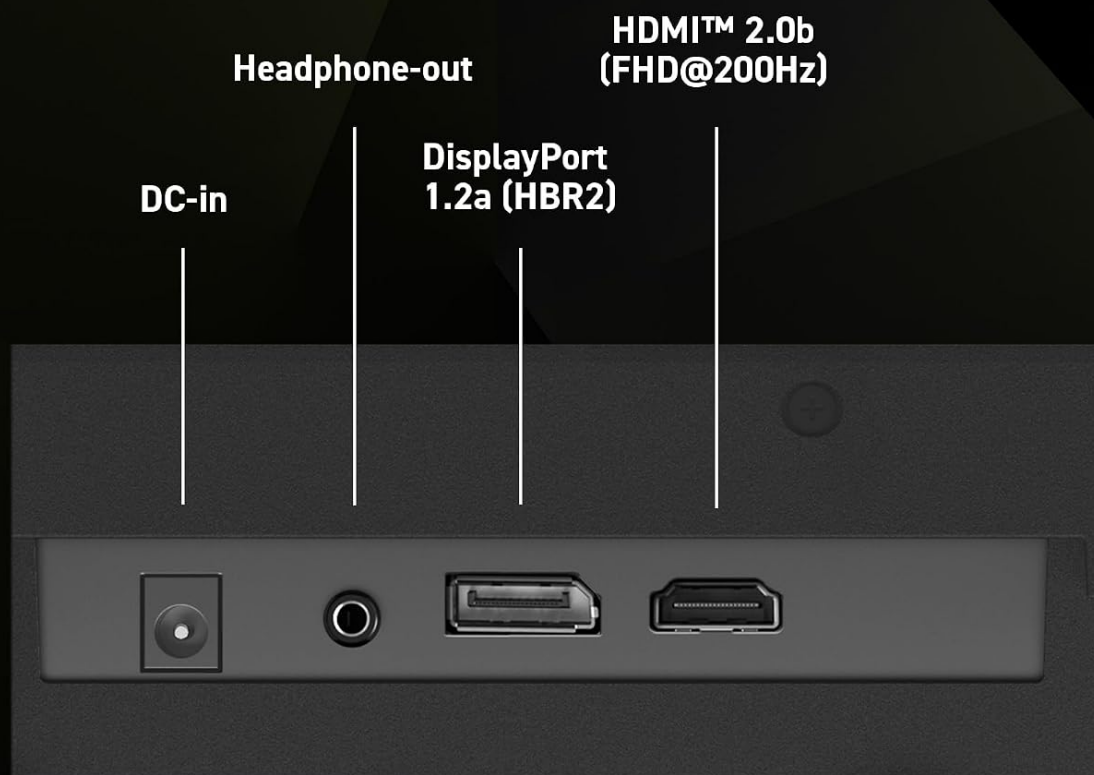


Image illustrating the enhanced visual quality with HDR Ready, showing a vibrant city scene with improved detail and color.

5.5 AI Vision

AI Vision technology intelligently analyzes the display content to reveal details in dark areas, enhance overall brightness, and saturate colors beautifully, providing a clearer and more immersive visual experience.



Side-by-side comparison showing a dark scene with AI Vision OFF (left) and AI Vision ON (right), demonstrating how AI Vision reveals details and enhances brightness in dark areas.

5.6 Less Blue Light / Anti-Flicker

MSI Anti-Flicker technology provides a comfortable viewing experience by reducing screen flickering, which can cause eye strain. The monitor also incorporates a software solution to reduce blue light emissions, further protecting your eyes during extended use.



MOST VIVID DISPLAY (HDR READY)

HDR Ready monitors produce superior detail in darker regions with realistic dynamic contrast that mimics the human eye in the real world.

Comparison image showing a scene with Anti-Flicker enabled (left) versus without Anti-Flicker (right), illustrating the reduction in screen flicker.

6. Maintenance

Proper care will extend the life of your monitor.

- **Cleaning the Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, dampen the cloth with a small amount of non-ammonia, non-alcohol based glass cleaner. Do not spray cleaner directly onto the screen.
- **Cleaning the Casing:** Use a soft, dry cloth to wipe the monitor casing. Avoid abrasive cleaners.
- **Storage:** If storing the monitor for an extended period, unplug it and store it in a cool, dry place, preferably in its original packaging.

7. Troubleshooting

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
No image on screen	Power cable not connected; Video cable not connected; Incorrect input source selected.	Ensure power and video cables are securely connected. Select the correct input source via the OSD menu.
Image is blurry or distorted	Incorrect resolution; Graphics card driver issues.	Set the display resolution to 1920x1080. Update your graphics card drivers.
Screen flickering	Refresh rate mismatch; Cable issue; Anti-Flicker setting.	Ensure refresh rate is set correctly (200Hz). Try a different video cable. Check Anti-Flicker setting in OSD.
No sound from headphones/speakers	Audio cable not connected; Volume too low; Incorrect audio output selected on PC.	Ensure audio device is connected to the monitor's headphone-out. Adjust monitor volume. Select monitor as audio output on your PC.

8. Specifications

Key technical specifications for the MSI MAG 244F Gaming Monitor:

Feature	Specification
Screen Size	24 inches
Panel Type	VA Panel (Rapid IPS)
Resolution	1920 x 1080 (FHD)
Refresh Rate	200Hz
Response Time	0.5ms (GtG)
Aspect Ratio	16:9
Video Ports	1x HDMI 2.0b, 1x DisplayPort 1.2a
Audio Ports	1x Headphone-out
VESA Mounting	Supported (VESA Mountable)
Adjustments	Tilt, Height Adjustable
Color	Black
Item Weight	9.83 pounds
Product Dimensions	8.67 x 21.34 x 15.68 inches

9. Warranty and Support

MSI provides a limited warranty for this product. Please refer to the warranty card included in your package for detailed terms and conditions, including warranty period and coverage.

For technical support, driver downloads, or further assistance, please visit the official MSI website or contact MSI customer service. Keep your purchase receipt and product serial number handy when seeking support.

MSI Official Website: www.msi.com

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Question

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