MSI Optix G274

MSI Optix G274 Gaming Monitor User Manual

Model: Optix G274 | Brand: MSI

1. Introduction

This user manual provides comprehensive instructions for the setup, operation, maintenance, and troubleshooting of your MSI Optix G274 27-inch Gaming Monitor. Please read this manual thoroughly before using the product to ensure proper functionality and safety.

The MSI Optix G274 is a 27-inch Full HD (1920 x 1080) IPS gaming monitor designed for an immersive gaming experience. It features a 170Hz refresh rate, 1ms response time, and G-SYNC compatibility to deliver smooth, tear-free visuals.

2. Safety Information

- Ensure the monitor is placed on a stable, flat surface to prevent accidental falls.
- Do not block ventilation openings. Proper airflow is essential to prevent overheating.
- Use only the power adapter and cables provided or specified by MSI.
- Avoid exposing the monitor to moisture, rain, or extreme temperatures.
- Disconnect the power cable from the outlet before cleaning or if the monitor will be unused for an extended period.
- Do not attempt to repair the monitor yourself. Refer all servicing to qualified service personnel.

3. What's in the Box

Verify that all items listed below are included in your package:

- MSI Optix G274 Gaming Monitor
- Power Adapter and Cable
- DisplayPort Cable
- HDMI Cable
- Stand Base and Neck
- Screws for Stand Assembly

- User Manual (this document)
- Warranty Card

Additional items included: 1 x DC Jack, 1 x Earphone Out, 1 x Display Port 1.2, 2 x HDMI1.4b Ports.

4. Setup

4.1 Assembling the Stand

1. Carefully remove the monitor and all components from the packaging.
2. Place the monitor face down on a soft, clean cloth to protect the screen.
3. Attach the stand neck to the monitor's rear panel, aligning the mounting holes.
4. Secure the stand neck with the provided screws.
5. Attach the stand base to the stand neck and tighten the thumb screw or screws from the bottom.



Figure 4.1: Front view of the MSI Optix G274 Gaming Monitor.

4.2 Connecting the Monitor

The MSI Optix G274 monitor supports DisplayPort and HDMI connections.

- **Power Connection:** Connect the power adapter to the monitor's DC Jack and then plug the power cable into a wall outlet.
- **Video Connection:**

- For optimal performance (170Hz refresh rate), connect your computer to the monitor using the provided **DisplayPort 1.2** cable.
- Alternatively, connect using an **HDMI 1.4b** cable. Note that HDMI 1.4b may limit the maximum refresh rate.

- **Audio Connection:** Connect external speakers or headphones to the **Earphone Out** port if desired.



Figure 4.2: Rear view of the MSI Optix G274 Gaming Monitor with visible ports.



Figure 4.3: Detailed view of monitor input/output ports.

5. Operating the Monitor

5.1 Power On/Off

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

5.2 On-Screen Display (OSD) Menu Navigation

The OSD menu allows you to adjust various monitor settings. Navigate the OSD using the joystick or buttons typically found on the back of the monitor.

- **Joystick/Buttons:** Use the joystick (or dedicated buttons) to move through menu options and confirm selections.
- **Main Menu:** Press the joystick/center button to open the OSD main menu.
- **Exit:** Move the joystick left or press the designated exit button to close the OSD menu.

5.3 Key Features and Settings

- **27" IPS Panel:** Enjoy wide viewing angles (178°) and vibrant colors.
- **170Hz Refresh Rate:** Provides extremely smooth motion for gaming. Ensure your graphics card and connection (DisplayPort recommended) support this refresh rate.
- **1ms Response Time:** Minimizes motion blur and ghosting, crucial for fast-paced games.
- **G-SYNC Compatible:** Synchronizes the monitor's refresh rate with your NVIDIA graphics card's frame rate to eliminate screen tearing and stuttering. Ensure G-SYNC is enabled in your NVIDIA Control Panel.
- **Wide Color Gamut:** Delivers richer and more accurate colors.
- **Anti-Flicker Technology:** Reduces eye strain by minimizing screen flickering.
- **Less Blue Light:** Reduces blue light emission to protect your eyes during long usage sessions.
- **Night Vision:** Enhances details in dark areas of the screen, providing a competitive advantage in games.

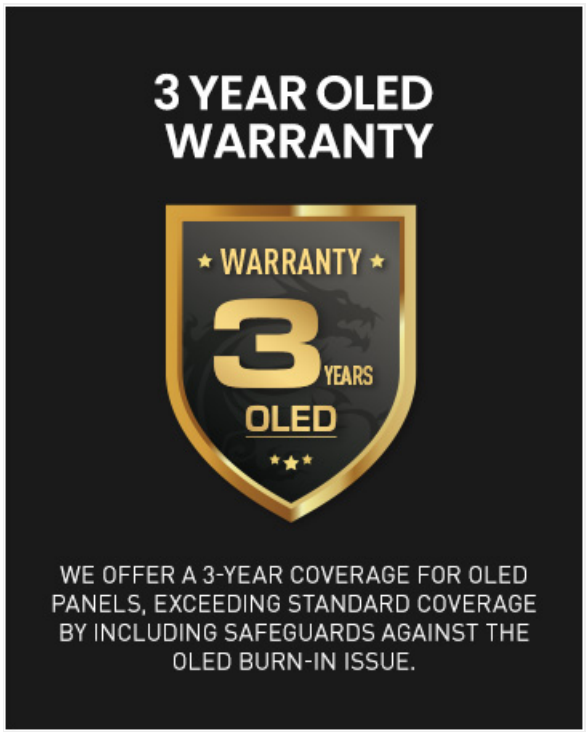


Figure 5.1: Side view of the MSI Optix G274 Gaming Monitor.

5.4 Official Product Video

Watch the official product video for a visual guide on the MSI Optix G274 Gaming Monitor's features and capabilities.

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Video 5.1: Official Product Video for MSI Optix G274 Gaming Monitor. This video highlights key features such as the 27-inch flat IPS panel, NVIDIA G-SYNC compatibility, 170Hz refresh rate, 1ms response time, and thin bezel design.

6. Maintenance

- **Cleaning the Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, dampen the cloth slightly with water or a non-ammonia, non-alcohol based screen 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, disconnect all cables and store it in a cool, dry place, preferably in its original packaging.

7. Troubleshooting

Problem	Possible Cause	Solution
No image on screen	Power cable disconnected, video cable loose, incorrect input source.	Check power connections. Ensure video cable is securely connected to both monitor and computer. Select the correct input source via the OSD menu.
Image is blurry or distorted	Incorrect resolution, refresh rate, or cable issue.	Set the display resolution to 1920 x 1080. Verify the refresh rate is set correctly (e.g., 170Hz). Try a different video cable.
Screen tearing or stuttering	G-SYNC not enabled or incompatible graphics card.	Ensure G-SYNC is enabled in your NVIDIA Control Panel. Verify your graphics card is G-SYNC compatible.
No sound from headphones/speakers	Audio cable disconnected, volume too low, incorrect audio output selected on computer.	Check audio cable connection. Adjust monitor and computer volume. Select the monitor as the default audio output device in your computer's sound settings.

8. Specifications

Feature	Detail
Brand	MSI
Model	Optix G274
Screen Size	27 Inches
Panel Type	IPS
Resolution	1920 x 1080 (FHD)
Refresh Rate	170Hz
Response Time	1ms
Aspect Ratio	16:9
Viewing Angle	178° (H/V)
Video Ports	1x DisplayPort 1.2, 2x HDMI 1.4b
Audio Ports	1x Earphone Out

Feature	Detail
Color	Black
Item Weight	15.45 pounds
Product Dimensions (LxWxH)	8 x 26 x 18 inches

9. Warranty and Support

MSI provides a standard warranty for the Optix G274 Gaming Monitor. For specific warranty terms and conditions, please refer to the warranty card included in your product package or visit the official MSI website.

Protection Plans:

- 3-Year Protection Plan
- 4-Year Protection Plan
- Complete Protect: One plan covers all eligible past and future purchases (monthly billing option available).

For technical support, driver downloads, or service inquiries, please visit the official MSI support website or contact their customer service hotline. Contact information can be found on the MSI website or your warranty card.

MSI Official Website: www.msi.com

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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.

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