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MSI G274QPF-QD

MSI G274QPF-QD 27-inch Gaming Monitor

User Manual

Model: G274QPF-QD | Brand: MSI

Product Overview

The MSI G274QPF-QD is a 27-inch gaming monitor designed for an immersive and responsive gaming experience. It features a WQHD (2560 x 1440) resolution, a high 170Hz refresh rate, and a rapid 1ms (GTG) response time. Equipped with a Quantum Dot Rapid IPS panel, it delivers vibrant colors and wide viewing angles. The monitor supports NVIDIA G-Sync Compatible technology for tear-free gameplay and offers versatile connectivity options including HDMI, DisplayPort, and USB-C.



Front view of the MSI G274QPF-QD gaming monitor, showcasing its 27-inch WQHD display, Quantum Dot technology, Rapid IPS panel, 170Hz refresh rate, 1ms GTG response time, G-Sync compatibility, wide color gamut, and DisplayPort input.



Side view of the MSI G274QPF-QD monitor, emphasizing the Quantum Dot and Rapid IPS panel technologies for superior color and speed.



Rear view of the MSI G274QPF-QD monitor, illustrating the 5-way joystick navigator for OSD control and its frameless design for an immersive viewing experience.

Safety Information

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

- 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 by MSI.
- Avoid exposing the monitor to moisture or extreme temperatures.
- Disconnect the power cable from the outlet before cleaning the monitor.
- Do not attempt to repair the monitor yourself. Refer all servicing to qualified service personnel.

Package Contents

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

- MSI G274QPF-QD Monitor
- Monitor Stand (Base and Neck)
- Power Adapter and Power Cord
- DisplayPort Cable
- HDMI Cable
- USB Type-C Cable
- User Manual (this document)
- Warranty Card

Note: The exact contents may vary slightly depending on your region.

Setup Instructions

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. Ensure it clicks securely into place or is fastened with screws if applicable.
3. Attach the stand base to the stand neck and tighten the thumb screw or screws from underneath.
4. Place the assembled monitor on a stable, flat desk.



The adjustable stand allows for height adjustment (0-130mm), pivot (-90° to 90°), swivel (-45° to 45°), and tilt (-5° to 20°) for optimal viewing comfort.

2. Connecting to Your Device

The monitor provides multiple input options. Choose the appropriate cable for your device.



Detailed view of the monitor's rear ports, including the 5-way joystick navigator, DC power input, headphone output, two HDMI 2.0b ports, one DisplayPort 1.4a, one Type-C port with DisplayPort Alt Mode, and a Kensington Lock slot.

- **DisplayPort (DP):** Connect one end of the DisplayPort cable to the DP output of your computer and the other end to the DisplayPort input on the monitor.
- **HDMI:** Connect one end of an HDMI cable to the HDMI output of your computer/device and the other end to one of the HDMI inputs on the monitor.
- **USB Type-C:** For compatible devices, connect a USB Type-C cable from your device to the USB Type-C input on the monitor. This port supports DisplayPort Alt Mode for video signal transmission.
- **Power:** Connect the power adapter to the monitor's DC Jack, then plug the power cord into a power outlet.
- **Audio:** Connect headphones or external speakers to the Headphone-out jack if desired.

Product Overview Video

Your browser does not support the video tag.

This video provides a general overview of the MSI G274QPF-QD 27-inch Gaming Monitor, demonstrating its physical features, connectivity, and key specifications.

Operating Instructions

Powering On/Off

Press the 5-way joystick navigator located on the back of the monitor to power it on or off. A short press typically turns it on, while a long press turns it off.

On-Screen Display (OSD) Navigation

The 5-way joystick navigator is used to access and navigate the OSD menu. Move the joystick up, down, left, or right to select options, and press it in to confirm.

- **Up:** Access Gaming Mode/Game Mode settings.
- **Down:** Access Professional Mode settings.
- **Left:** Access Input Source selection.
- **Right:** Access Alarm Clock/Timer.
- **Press In:** Open the main OSD menu or confirm selection.

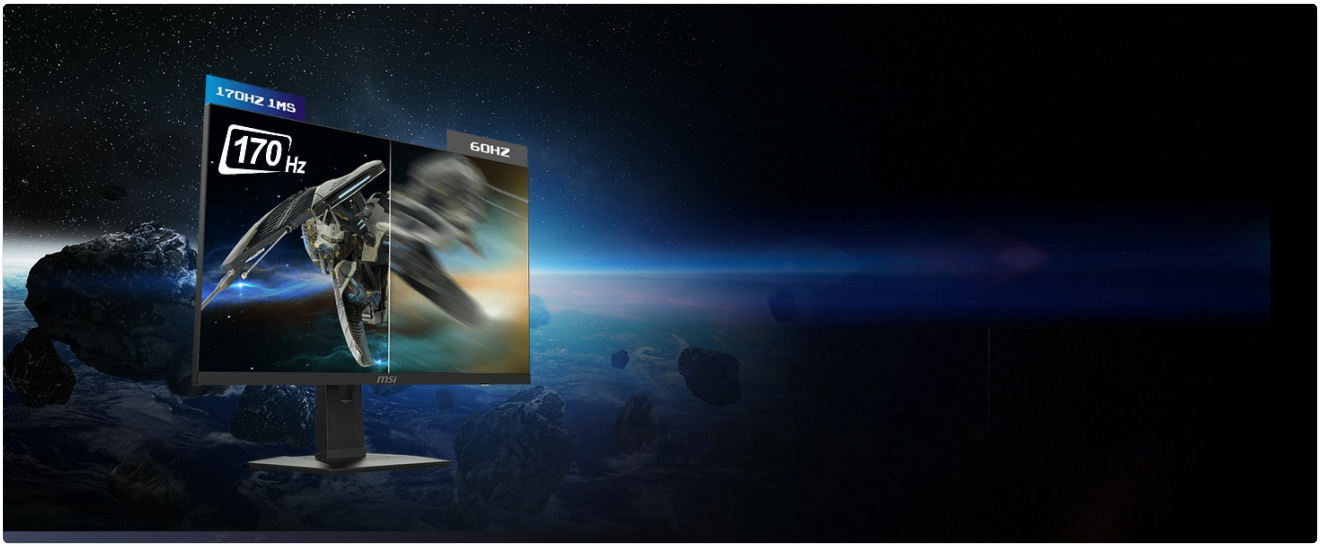
Key Features and Settings

- **WQHD Resolution (2560 x 1440):** Provides a sharp and detailed visual experience, enhancing both gaming and productivity.



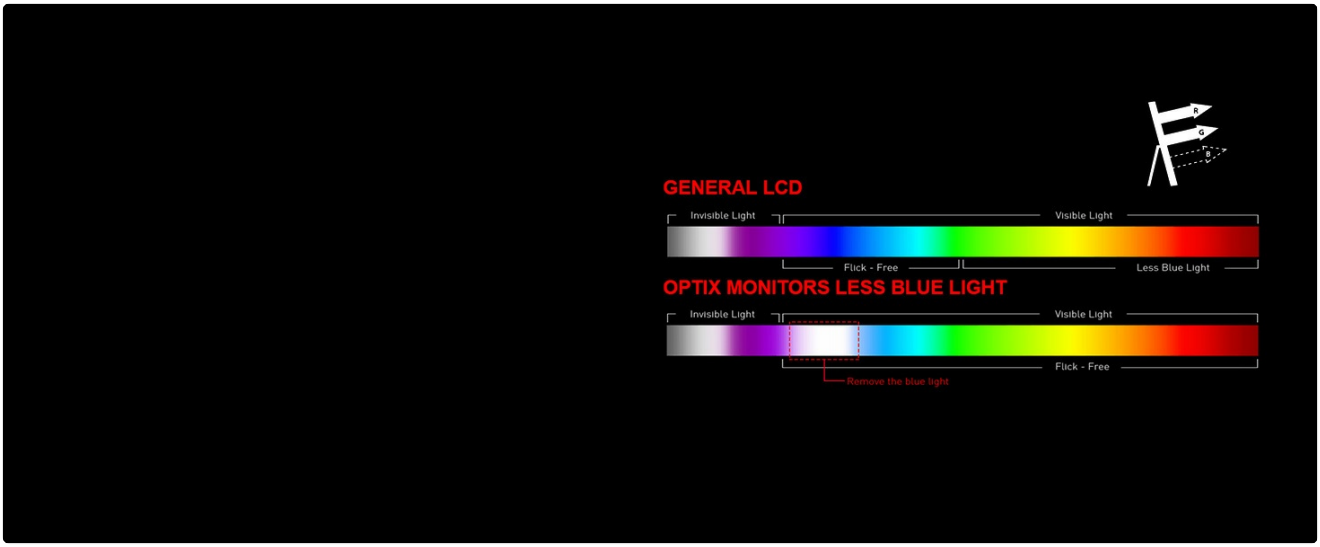
Visual comparison demonstrating the increased detail and screen real estate offered by WQHD (2560x1440) resolution compared to FHD (1920x1080).

- **170Hz Refresh Rate & 1ms GTG Response Time:** Ensures extremely smooth motion and minimal input lag, crucial for fast-paced gaming.



Illustrates the difference in motion clarity between a 170Hz refresh rate and a standard 60Hz, showing significantly smoother visuals at higher refresh rates.

- **Rapid IPS Panel:** Offers vibrant colors, wide 178° viewing angles, and fast response times.



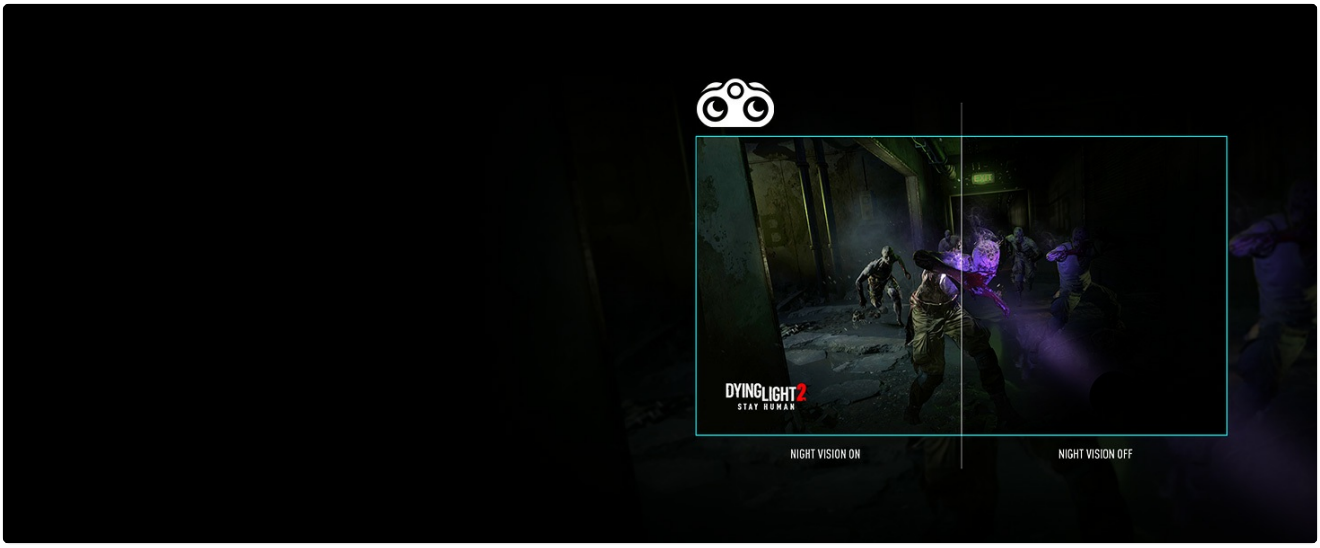
Demonstrates the wide 178° viewing angles of the Rapid IPS panel, ensuring consistent image quality from various perspectives.

- **Quantum Dot Display:** Enhances color accuracy and vibrancy, providing a wider color gamut for more lifelike visuals.



An illustration depicting the Quantum Dot layer within the display, which is responsible for producing a wider and more accurate range of colors.

- **NVIDIA G-Sync Compatible:** Synchronizes the monitor's refresh rate with your GPU's frame rate to eliminate screen tearing and stuttering.
- **HDR Ready (DisplayHDR 400):** Supports High Dynamic Range content for improved contrast and color detail in compatible games and media.



A visual comparison showing the enhanced detail and dynamic range when HDR is enabled versus when it is off, particularly in bright and dark areas of a game scene.

- **Anti-Flicker Technology:** Reduces screen flickering, providing a more comfortable viewing experience and reducing eye strain during long sessions.



Illustrates the benefit of Anti-Flicker technology, showing a stable image compared to a flickering one without the technology.

- **Less Blue Light:** Filters out harmful blue light emissions to protect your eyes and reduce fatigue.



A spectrum diagram comparing general LCDs with MSI Optix monitors, highlighting the reduction of blue light emissions for eye comfort.

- **Night Vision:** Enhances details in dark areas of games, giving you an advantage in dimly lit scenes.



A visual comparison demonstrating the effect of Night Vision, making details in dark game scenes more visible when activated.

Maintenance

Cleaning the Monitor

- Always unplug the monitor from the power outlet before cleaning.
- Use a soft, lint-free cloth slightly dampened with water or a non-abrasive screen cleaner.
- Do not spray cleaner directly onto the screen. Apply it to the cloth first.
- Wipe the screen gently to remove dust and smudges.
- For the monitor casing, use a soft, dry cloth.

General Care

- Avoid placing heavy objects on the monitor or its cables.
- Do not expose the monitor to direct sunlight or heat sources.
- When moving the monitor, hold it by the base and the main panel, not by the screen.

Troubleshooting

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

- **No Power:**
  - Ensure the power cord is securely connected to the monitor and the power outlet.
  - Check if the power outlet is functioning by plugging in another device.
  - Verify the power adapter is correctly connected.
- **No Signal/Black Screen:**
  - Confirm that the video cable (DisplayPort, HDMI, USB-C) is securely connected to both the monitor and your computer.
  - Ensure the correct input source is selected on the monitor via the OSD menu.
  - Check if your computer is powered on and not in sleep mode.
  - Try a different video cable or port if available.
- **Flickering Screen:**
  - Ensure the video cable is properly connected.
  - Disable any overclocking settings on your graphics card.
  - Check your graphics driver and update if necessary.
  - Verify that Anti-Flicker technology is enabled in the OSD.
- **Image Quality Issues (Blurry, Distorted, Incorrect Colors):**
  - Adjust the resolution and refresh rate settings on your computer to match the monitor's native resolution (2560x1440) and desired refresh rate (up to 170Hz).
  - Perform a factory reset of the monitor settings via the OSD menu.
  - Calibrate the monitor's colors using your operating system's display settings or dedicated calibration tools.

Specifications

Feature	Specification
Screen Size	27 Inches
Panel Type	Rapid IPS with Quantum Dot
Resolution	2560 x 1440 (WQHD)
Refresh Rate	170Hz
Response Time	1ms (GTG)
HDR Support	VESA Certified DisplayHDR 400

Adaptive Sync	NVIDIA G-Sync Compatible
Connectivity	1x DisplayPort (1.4a), 2x HDMI (2.0b), 1x USB Type-C (DP Alt Mode), 1x Headphone-out
Adjustability	Height, Pivot, Swivel, Tilt
Dimensions (LxWxH)	24 x 8 x 14 inches
Item Weight	17.6 pounds

Warranty and Support

For detailed warranty information, please refer to the warranty card included in your product package or visit the official MSI website.

If you require further assistance or technical support, please contact MSI customer service or visit their support page.

- Download User Manual (PDF)
- Visit the Official MSI Store on Amazon

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