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## MSI G27CQ4

# MSI G27CQ4 27-inch QHD 165Hz Gaming Monitor User Manual

Model: G27CQ4

## 1. INTRODUCTION

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This manual provides essential information for the safe and efficient use of your MSI G27CQ4 27-inch QHD 165Hz Gaming Monitor. Please read this manual thoroughly before operating the device and retain it for future reference. The MSI G27CQ4 is a 27-inch curved gaming monitor featuring a QHD (2560x1440) resolution, a 165Hz refresh rate, 1ms response time, and AMD FreeSync technology for a smooth visual experience.

## 2. SAFETY INFORMATION

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Observe the following safety guidelines to prevent damage to the monitor or injury to yourself.

- Do not expose the monitor to rain or moisture to avoid fire or shock hazards.
- Do not open the monitor casing. There are no user-serviceable parts inside. Refer all servicing to qualified service 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 provided or specified by the manufacturer.
- Disconnect the power plug from the wall outlet if the monitor will not be used for an extended period.

## 3. PACKAGE CONTENTS

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Verify that all items are present in your package:

- MSI G27CQ4 Monitor
- Monitor Stand (Base and Neck)
- Power Adapter and Power Cord
- HDMI Cable
- DisplayPort Cable
- User Manual and Warranty Card

## 4. SETUP

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### 4.1 Assembling the Monitor Stand

1. Carefully remove the monitor from its packaging, keeping it protected on a soft surface.
2. Attach the stand neck to the back of the monitor until it clicks into place or is secured with screws (refer to the quick start guide for specific screw locations if applicable).
3. Attach the stand base to the neck and secure it with the provided thumb screw or screwdriver.



Figure 4.1: MSI G27CQ4 monitor assembled on its stand.

## 4.2 Connecting Cables

Connect the necessary cables to the monitor and your computer.

- **Power Connection:** Connect the power adapter to the monitor's DC power jack, then plug the power cord into a wall outlet.
- **Video Connection:** Connect either an HDMI cable or a DisplayPort cable from your computer's graphics card to the corresponding port on the monitor. For optimal performance (165Hz, QHD), DisplayPort is recommended.
- **Audio Output:** If desired, connect headphones or external speakers to the earphone out jack on the monitor.



Figure 4.2: Rear view of the monitor with port labels.

### 4.3 Initial Power-On

After connecting all cables, press the power button (usually a joystick on the back or bottom right) to turn on the monitor. The monitor should automatically detect the input signal. If not, you may need to manually select the input source using the OSD menu.

## 5. OPERATING THE MONITOR

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### 5.1 On-Screen Display (OSD) Menu

The monitor features an intuitive OSD menu controlled by a 5-way joystick located on the back of the monitor. Press the

joystick to access the main OSD menu. Move the joystick up/down/left/right to navigate through options and press to confirm selections.



Figure 5.1: Location of the OSD joystick control.

## 5.2 Adjusting Display Settings

Within the OSD menu, you can adjust various display settings:

- **Gaming Mode:** Select preset display modes optimized for different game genres.
- **Professional Mode:** Select preset display modes for general use or specific professional tasks.
- **Brightness/Contrast:** Adjust the overall luminance and contrast of the display.
- **Color Temperature:** Modify the color warmth or coolness.

- **Input Source:** Manually select between HDMI and DisplayPort inputs.
- **Refresh Rate:** Ensure your computer's display settings are configured to 165Hz for optimal performance.
- **AMD FreeSync:** Enable or disable FreeSync to synchronize the monitor's refresh rate with your GPU's frame rate, reducing screen tearing and stuttering.
- **Anti-Flicker:** This technology reduces screen flickering, providing a more comfortable viewing experience.
- **Less Blue Light:** Reduces blue light emission to minimize eye strain during prolonged use.



Figure 5.2: Monitor displaying content.

## 6. MAINTENANCE

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## 6.1 Cleaning the Monitor

To clean the monitor, ensure it is powered off and unplugged. Use a soft, lint-free cloth lightly dampened with water or a non-abrasive screen cleaner. Do not spray cleaner directly onto the screen. Avoid using alcohol, benzene, thinners, or other harsh chemicals, as these may damage the screen surface or casing.

## 6.2 General Care

Avoid placing heavy objects on the monitor or its cables. Do not expose the monitor to extreme temperatures or humidity. When moving the monitor, handle it carefully and avoid applying pressure to the screen.

## 7. TROUBLESHOOTING

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If you encounter issues with your monitor, refer to the following troubleshooting guide:

Problem	Possible Solution
No image on screen	Ensure the power cable is securely connected and the monitor is turned on. Check that the video cable (HDMI/DisplayPort) is firmly connected to both the monitor and the computer. Verify the correct input source is selected in the OSD menu.
Image flickering or unstable	Check video cable connections. Ensure your graphics card drivers are up to date. Try disabling AMD FreeSync in the OSD menu if flickering persists, as some system configurations may experience this.
Ghosting or motion blur	This monitor uses a VA panel, which can exhibit some ghosting in certain scenarios. Adjusting the 'Response Time' or 'Overdrive' setting in the OSD menu (if available) may help. Disabling FreeSync can also reduce ghosting for some users.
Dead pixels	A small number of dead or stuck pixels is common in LCD manufacturing and may not be considered a defect under warranty. Refer to MSI's pixel policy for details.
Monitor not recognized by computer	Ensure the video cable is properly connected. Try a different video port on your graphics card or a different cable. Update your graphics card drivers.

## 8. SPECIFICATIONS

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Key technical specifications for the MSI G27CQ4 monitor:

Feature	Specification
Screen Size	27 Inches
Panel Type	VA
Curvature	1500R
Resolution	2560 x 1440 (QHD)
Refresh Rate	165Hz
Response Time	1ms (MPRT)

Feature	Specification
Aspect Ratio	16:9
Viewing Angle	178° (H) / 178° (V)
Color Gamut	DCI-P3 90% / sRGB 115%
Video Ports	2x HDMI (2.0), 2x DisplayPort (1.2a)
Audio Ports	1x Earphone out
Adaptive Sync	AMD FreeSync
Dimensions (LxWxH)	14.7 x 24.1 x 6.5 inches (with stand)
Weight	11.88 pounds



Figure 8.1: Monitor dimensions.

## 9. WARRANTY AND SUPPORT

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For detailed warranty information, please refer to the warranty card included in your product package or visit the official MSI website. For technical support, driver downloads, or further assistance, please visit the MSI support page or contact MSI customer service.

- **MSI Official Website:** [www.msi.com](http://www.msi.com)
- **Support Page:** Refer to the MSI website for your region's specific support contact information.