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AOC Q27G4ZMN



AOC Gaming Q27G4ZMN 27-inch Mini-LED Gaming Monitor User Manual

Model: Q27G4ZMN | Brand: AOC

1. INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, maintenance, and troubleshooting of your AOC Gaming Q27G4ZMN 27-inch Mini-LED Gaming Monitor. Please read this manual thoroughly before using the product to ensure proper and safe operation.

Key Features:

- 27" QHD Mini-LED Display:** Features 2560x1440 resolution with 1152 dimming zones for deep blacks and high contrast.
- 240Hz Refresh Rate & 1ms Response Time:** Ensures smooth, blur-free gameplay via DisplayPort.
- DisplayHDR 1000 Certified:** Delivers brilliant brightness and stunning dynamic range for HDR content.
- Adaptive-Sync Technology:** Eliminates screen tearing and stuttering for fluid visuals.
- Ergonomic Stand:** Offers tilt, swivel, pivot, and height adjustments for optimal viewing comfort.
- Eye Comfort Features:** Includes Flicker-Free and Low Blue Light technologies to reduce eye strain.

2. SAFETY INFORMATION

Always follow these safety precautions to prevent damage to the monitor and ensure personal safety:

- Do not expose the monitor to rain or moisture.
- Do not open the monitor casing; there are no user-serviceable parts inside.
- Use only the power adapter supplied with the monitor.
- Ensure proper ventilation around the monitor.
- Clean the screen with a soft, lint-free cloth. Avoid using harsh chemicals.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- AOC Gaming Q27G4ZMN Monitor
- Power Cable
- DisplayPort Cable
- HDMI Cable
- Quick Start Guide
- Warranty Card

4. SETUP

4.1 Assembling the Stand

Carefully remove the monitor and stand components from the packaging. Attach the stand base to the stand neck, then secure the assembled stand to the back of the monitor. Ensure all screws are tightened securely.



Figure 4.1: Rear view of the AOC Q27G4ZMN monitor with its ergonomic stand. The stand allows for various adjustments including tilt, swivel, pivot, and height.

4.2 Connecting the Monitor

Connect the power cable to the monitor and a power outlet. Use either the DisplayPort or HDMI cable to connect the monitor to your computer's graphics card. For optimal performance and 240Hz refresh rate, DisplayPort 1.4 is recommended.



Figure 4.2: Side view of the AOC Q27G4ZMN monitor, highlighting the various input ports located on the back panel, including DisplayPort and HDMI.

Ensure all connections are firm. Power on your computer and then the monitor.

5. OPERATING THE MONITOR

5.1 On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various monitor settings. Use the buttons located on the monitor's bezel (usually on the bottom or back right) to navigate the menu. Common settings include:

- **Brightness/Contrast:** Adjust image luminance.
- **Color Settings:** Modify color temperature, gamma, and color space.
- **Game Settings:** Access features like Game Mode presets, Shadow Control, and G-Menu options.
- **Input Select:** Manually switch between DisplayPort and HDMI inputs.
- **OSD Setup:** Change OSD language, transparency, and timeout.

5.2 Ergonomic Adjustments

The Q27G4ZMN features a versatile stand for optimal viewing comfort:

- **Height Adjustment:** Raise or lower the monitor to eye level.
- **Tilt:** Adjust the screen's vertical angle (forward/backward).
- **Swivel:** Rotate the screen horizontally on its base.
- **Pivot:** Rotate the screen 90 degrees for portrait mode viewing.



Figure 5.1: The back of the AOC Q27G4ZMN monitor, illustrating the range of motion for tilt, swivel, pivot, and height adjustments provided by the ergonomic stand.

6. MAINTENANCE

6.1 Cleaning the Monitor

To clean the screen, gently wipe it with a soft, lint-free cloth. For stubborn marks, dampen the cloth slightly with water or a non-abrasive screen cleaner. Avoid spraying liquids directly onto the screen.

6.2 General Care

- Keep the monitor away from direct sunlight and heat sources.
- Ensure adequate airflow around the monitor to prevent overheating.
- Unplug the monitor from the power outlet during lightning storms or when unused for extended periods.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No image on screen	Power cable disconnected, video cable disconnected, incorrect input selected.	Check power and video cable connections. Select correct input via OSD.
Image is blurry or distorted	Incorrect resolution, faulty video cable.	Set display resolution to 2560x1440. Try a different video cable.
No sound from monitor (if applicable)	Audio cable disconnected, volume too low, incorrect audio output selected on PC.	Check audio cable. Adjust monitor volume. Set PC audio output to monitor.
Flickering screen	Refresh rate mismatch, Adaptive-Sync issue.	Ensure refresh rate is set correctly (e.g., 240Hz). Check Adaptive-Sync settings.

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

8. SPECIFICATIONS

Feature	Detail
Model Number	Q27G4ZMN
Screen Size	27 Inches
Resolution	QHD Ultra Wide 1440p (2560x1440)
Refresh Rate	240Hz (via DisplayPort)
Response Time	1ms GtG
Panel Type	Mini-LED VA
Dimming Zones	1152

Feature	Detail
HDR Certification	DisplayHDR 1000
Adaptive Sync	Yes
Connectivity	DisplayPort 1.4, HDMI 2.0 (x2)
Product Dimensions (LxWxH)	9.45 x 24.17 x 20.33 inches
Weight	22.82 Pounds

9. WARRANTY AND SUPPORT

The AOC Gaming Q27G4ZMN monitor comes with a **3-Year Zero-Bright-dot Warranty**, covering manufacturing defects and ensuring a bright-dot-free display for the specified period.

For technical support, warranty claims, or further assistance, please visit the official AOC support website or contact their customer service department. Keep your purchase receipt and serial number handy for faster service.

AOC Official Website: www.aoc.com

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Related Documents - Q27G4ZMN

	<p>AOC AG275QXL Gaming Monitor Quick Start Guide</p> <p>Quick start guide for the AOC AG275QXL gaming monitor, featuring League of Legends Light Sync, setup instructions, general specifications, and support information.</p>
	<p>AOC Q27G3XMN LCD Monitor User Manual</p> <p>Comprehensive user manual for the AOC Q27G3XMN LCD Monitor, covering setup, operation, troubleshooting, and specifications. Learn how to connect, adjust, and optimize your gaming display.</p>
	<p>AOC CQ32G4E Gaming Monitor User Manual - Setup, Features, and Troubleshooting</p> <p>Comprehensive user manual for the AOC CQ32G4E gaming monitor. Covers setup, installation, features like Adaptive-Sync and HDR, troubleshooting, and technical specifications. Get the most out of your AOC gaming display.</p>



[AOC AG276QKD2 OLED Monitor User Manual](#)

Comprehensive user manual for the AOC AG276QKD2 OLED Monitor, covering setup, operation, features like Adaptive-Sync and HDR, troubleshooting, and specifications. Learn how to connect, adjust, and maintain your display for optimal performance.



[AOC Q27G4XF User Manual: Setup, Features, and Troubleshooting](#)

Comprehensive user manual for the AOC Q27G4XF gaming monitor, covering setup, safety, features like G-SYNC and Adaptive-Sync, OSD settings, troubleshooting, and specifications.



[AOC 24G4E Gaming Monitor User Manual - Setup, Features, and Troubleshooting](#)

Get the most out of your AOC 24G4E gaming monitor with this detailed user manual. Learn about setup, OSD settings, gaming features, troubleshooting, and technical specifications. Visit AOC.com for support.

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