

AOC Q27G4F

AOC Q27G4F 27" Frameless Ultra-Fast IPS Gaming Monitor User Manual

Model: Q27G4F

1. INTRODUCTION

Welcome to the user manual for your new AOC Q27G4F 27-inch Frameless Ultra-Fast IPS Gaming Monitor. This manual provides essential information for setting up, operating, and maintaining your monitor to ensure optimal performance and longevity. Please read this manual thoroughly before using the product.

The AOC Q27G4F is designed to deliver an immersive gaming experience with its QHD (2560x1440) resolution, 180Hz refresh rate, and ultra-fast 0.5ms response time. It features an IPS panel for wide viewing angles and vibrant colors, along with NVIDIA G-Sync compatibility for tear-free gameplay.



Front view of the AOC Q27G4F 27-inch Frameless Ultra-Fast IPS Gaming Monitor, showcasing its sleek design and narrow bezels.

2. SAFETY INFORMATION

To ensure safe operation and prevent damage, please observe the following safety precautions:

- Do not expose the monitor to rain, moisture, or extreme temperatures.
- Ensure proper ventilation around the monitor to prevent overheating.
- Use only the power adapter and cables provided or recommended by the manufacturer.
- Avoid placing heavy objects on the power cord or monitor.
- Disconnect the power plug from the outlet if the monitor will not be used for an extended period.
- Do not attempt to service the monitor yourself. Refer all servicing to qualified service personnel.
- Keep the monitor away from strong magnetic fields.

3. PACKAGE CONTENTS

Please check the contents of your package. If any items are missing or damaged, contact your retailer.

- AOC Q27G4F Monitor
- Monitor Stand (Base and Neck)

- Power Cable
- HDMI Cable
- DisplayPort Cable
- User Manual (this document)

4. SETUP

4.1 Assembling the Stand

1. Carefully place the monitor face down on a soft, clean surface to prevent scratches.
2. Attach the stand neck to the monitor panel by aligning the mounting points and securing with the provided screws.
3. Attach the stand base to the stand neck, ensuring it clicks into place or is secured with the thumb screw.
4. Carefully lift the assembled monitor and place it on a stable, flat surface.

4.2 Connecting the Monitor

Connect the necessary cables to the corresponding ports on the monitor and your computer or other devices.

- **Power Connection:** Connect the power cable to the monitor's power input and then to a grounded electrical outlet. The monitor supports 220 Volts.
- **Video Connection:**
 - **HDMI:** Connect one end of the HDMI cable to the monitor's HDMI port and the other end to the HDMI output port on your computer or device. The monitor has 1 HDMI 2.0 port.
 - **DisplayPort:** Connect one end of the DisplayPort cable to the monitor's DisplayPort and the other end to the DisplayPort output on your computer or device. The monitor has 1 DisplayPort 1.4.



Rear view of the AOC Q27G4F monitor, illustrating the location of the HDMI and DisplayPort inputs, as well as the power connector and stand attachment point.

5. OPERATING THE MONITOR

5.1 On-Screen Display (OSD) Navigation

The monitor features an On-Screen Display (OSD) menu for adjusting various settings. Use the buttons located on the bottom right bezel of the monitor to navigate the OSD.

- Press the **Menu** button to open the OSD.
- Use the **Up/Down** buttons to navigate through menu options.
- Use the **Left/Right** buttons to adjust values or enter sub-menus.
- Press the **Exit** button to close the OSD or go back to the previous menu.

5.2 Key Features

The AOC Q27G4F monitor offers several features to enhance your viewing and gaming experience:

- **180Hz Refresh Rate:** Provides ultra-smooth motion for fast-paced games, reducing motion blur and ghosting.
- **0.5ms (MPRT) Response Time:** Minimizes input lag and ensures quick pixel transitions for crisp images

during high-speed action.

- **NVIDIA G-Sync Compatible:** Synchronizes the monitor's refresh rate with your GPU's frame rate, eliminating screen tearing and stuttering for fluid gameplay.
- **MBR Sync (Motion Blur Reduction):** Reduces motion blur by strobing the backlight, making fast-moving objects appear clearer.
- **SNIPER SCOPE:** A feature that enhances visibility in dark areas of games, allowing for better target acquisition.
- **SUPER COLOUR:** Optimizes color reproduction for a more vibrant and lifelike visual experience. The monitor covers NTSC 102% (CIE1976), sRGB 120% (CIE1931), and DCI-P3 93% (CIE1976) color gamuts.
- **HDR10:** Supports High Dynamic Range content, offering improved contrast and color accuracy for a more immersive viewing experience.
- **Low Blue Light:** Reduces harmful blue light emissions to minimize eye strain during prolonged use.
- **Anti Glare:** The screen surface is designed to reduce reflections and glare from ambient light sources.

5.3 Adjusting the Stand

The ergonomic stand allows for various adjustments to optimize your viewing comfort:

- **Height Adjustment:** The monitor can be raised or lowered by up to 130 mm. Gently push or pull the monitor vertically to adjust its height.
- **Pivot:** The screen can be rotated 90 degrees (from -90° to 90°) to switch between landscape and portrait orientations. Ensure the monitor is at its highest position before pivoting to avoid hitting the desk.
- **Swivel:** The monitor can be swiveled horizontally from -30° to 30° on its base.
- **Tilt:** The screen can be tilted vertically from -5° to 23° to find your preferred viewing angle.



6. MAINTENANCE

Proper maintenance helps 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 using abrasive cleaners or solvents.
- **Ventilation:** Ensure the ventilation openings on the monitor are not blocked.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No image on screen	Power cable not connected; Video cable not connected; Incorrect input source selected.	Check power and video cable connections. Press the input select button to cycle through input sources (HDMI, DisplayPort).
Image is blurry or distorted	Incorrect resolution; Loose video cable.	Set the display resolution to 2560x1440. Ensure the video cable is securely connected.
Screen tearing or stuttering	G-Sync not enabled or compatible GPU/driver issues.	Ensure G-Sync is enabled in your graphics card control panel. Update graphics drivers.
No sound (if external speakers connected to monitor)	Audio cable not connected; Volume too low; Incorrect audio output selected on PC.	Check audio cable connection. Adjust monitor volume via OSD. Select monitor as audio output device on your computer.

8. TECHNICAL SPECIFICATIONS

Detailed specifications for the AOC Q27G4F monitor:

Feature	Specification
Brand	AOC
Model Number	Q27G4F
Screen Size	27 Inches (68.5 CM)
Panel Type	IPS
Resolution	QHD 2560 x 1440 Pixels

Feature	Specification
Refresh Rate	180Hz
Response Time	Upto 0.5ms (MPRT)
Aspect Ratio	1.78:1
Color Gamut	NTSC 102% (CIE1976) / sRGB 120% (CIE1931) DCI-P3 93% (CIE1976)
HDR Support	HDR10
Sync Technology	NVIDIA G-Sync Compatible
Connectivity	1x HDMI 2.0, 1x DisplayPort 1.4
Adjustable Stand	Height (130 mm), Pivot (-90°~ 90°), Swivel (-30° ~ 30°), Tilt (-5° ~ 23°)
Surface Coating	Anti Glare, Matte
Low Blue Light	Yes
Product Dimensions	23.97 x 51.56 x 61.39 cm
Item Weight	12.8 Kilograms
Color	Black and Red


9. WARRANTY AND SUPPORT






AOC monitors are manufactured to the highest quality standards. This product is covered by a limited warranty from the date of purchase. The specific terms and conditions of the warranty may vary by region. Please refer to the warranty card included with your product or visit the official AOC website for detailed warranty information.

For technical support, troubleshooting assistance, or service inquiries, please visit the official AOC support website or contact their customer service department. You can typically find contact information and support resources on the AOC website:

[Visit the official AOC website](#)

Related Documents - Q27G4F

	<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>
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	<p>AOC Q27G4SL/WS</p> <p>AOC Q27G4SL/WS</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>
	<p>AOC U27U3XD Monitor User Manual</p> <p>Comprehensive user manual for the AOC U27U3XD monitor, covering setup, features, adjustments, troubleshooting, and specifications. Learn how to connect, configure, and maintain your AOC monitor.</p>
	<p>Instrukcja Obsługi Monitora AOC CU34E4CW</p> <p>Kompleksowa instrukcja obsługi monitora AOC CU34E4CW, zawierająca informacje o instalacji, konfiguracji, funkcjach, bezpieczeństwie i rozwiązywaniu problemów.</p>