

AOC C27G2Z

AOC C27G2Z 27" Curved Gaming Monitor User Manual

Model: C27G2Z | Brand: AOC

1. INTRODUCTION

The AOC Gaming C27G2Z is a 27-inch curved frameless ultra-fast gaming monitor designed to provide an immersive and responsive gaming experience. Featuring a Full HD 1080p resolution, an incredibly fast 0.5ms (MPRT) response time, and a 240Hz refresh rate, this monitor ensures smooth and fluid visuals. It supports AMD FreeSync technology to eliminate screen tearing and stuttering, offering a competitive edge. The 1500R super curved design wraps around your vision, placing you at the center of the action. The monitor also boasts a wide color gamut for vibrant imagery and an ergonomic stand for optimal viewing comfort.



Front view of the AOC C27G2Z 27-inch Curved Gaming Monitor.

2. WHAT'S IN THE BOX

Please check the contents of your product package for the following items:

- Monitor
- HDMI Cable
- Power Cord
- User Manual (Quick Start Guide)

3. SETUP

3.1 Unpacking

Carefully remove the monitor and all accessories from the packaging. Due to the curved nature of the screen, handle the monitor with care to avoid damage.

3.2 Stand Assembly

Assemble the monitor stand by following these steps:

1. Attach the stand base to the stand column. Ensure it clicks securely into place or is fastened with screws as indicated in the quick start guide.
2. Carefully attach the assembled stand to the back of the monitor. Align the mounting points and push until it locks into position.



Rear view of the monitor with the stand attached.

3.3 Connecting Cables

Connect the necessary cables to your monitor and computer:

1. Connect the power cord to the monitor's power input and then to a power outlet.
2. For optimal performance, connect the DisplayPort cable from your computer's graphics card to the DisplayPort input on the monitor. This enables the 240Hz refresh rate.
3. Alternatively, connect an HDMI cable from your computer or console (Xbox, PS5, Switch) to one of the HDMI 2.0 inputs on the monitor.



Close-up of the monitor's input ports, including HDMI and DisplayPort.

4. OPERATING YOUR MONITOR

4.1 Power On/Off

Press the power button located on the bottom right side of the monitor to turn it on or off. The power LED will indicate the monitor's status.

4.2 On-Screen Display (OSD) Navigation

The monitor features an intuitive OSD menu for adjusting various settings. Use the joystick or buttons (depending on your model's specific design) located on the bottom or rear of the monitor to navigate the menu. Press the joystick/button to enter the menu, move it up/down/left/right to select options, and press again to confirm.

4.3 Display Settings

Adjust display settings for optimal viewing and gaming:

- **Brightness & Contrast:** Adjust these to suit your lighting environment and personal preference.
- **Color Setup:** Fine-tune color temperature, gamma, and other color-related settings.
- **Game Setting:** Access specific gaming features like Game Mode (FPS, RTS, Racing), Shadow Control, and Low Input Lag.
- **Eco Mode:** Select from various eco modes to optimize power consumption.

5. KEY FEATURES

- **27" Full HD (1080P) Curved VA Panel:** Experience crisp and clear visuals with a 1920x1080 resolution on a 27-inch curved VA panel, offering a wide viewing angle of 170 degrees and an aspect ratio of 16:9.
- **240Hz Refresh Rate & 0.5ms MPRT Response Time:** Achieve unprecedented smoothness and fluidity in your games with a 240Hz refresh rate (via DP1.4) and a rapid 0.5ms MPRT response time, ensuring virtually instantaneous response to your actions and precise targeting of moving opponents.
- **1500R Super Curved Design:** The aggressive 1500R curvature of the monitor wraps around your vision, creating a deeply immersive gaming experience that pulls you into the action.
- **AMD FreeSync Premium Technology:** Synchronizes the display and AMD GPU to eliminate screen tearing, stuttering, and input lag, providing the smoothest, fastest, and most visually stunning gaming experience possible.
- **Wide Color Gamut (119.9% sRGB, 89.8% DCI-P3):** Enjoy vibrant and lifelike colors that bring characters and environments to life, creating stunning imagery with rich details and diverse contrast.
- **Sleek 3-Sided Frameless Design:** The monitor's design minimizes bezel distraction, making it ideal for seamless multi-monitor setups and providing a sleek aesthetic.
- **Ergonomic Stand:** The included stand is height-adjustable, allowing you to find the optimal viewing angle for comfortable long gaming and computing sessions. The monitor is also VESA compatible for alternative mounting solutions.
- **Low Input Lag Mode:** AOC's Low Input Lag mode bypasses extra image processing, delivering lag-free display from video signals and giving players a crucial advantage over opponents.



Side view illustrating the curvature of the monitor.

6. TECHNICAL SPECIFICATIONS

Specification	Value
Standing screen display size	27 Inches
Screen Resolution	1920x1080 (FHD 1080p)
Max Screen Resolution	1920 x 1080
Brand	AOC
Series	Gaming Monitor Curved
Item model number	C27G2Z
Item Weight	9.02 pounds
Product Dimensions	8.96 x 24.1 x 20.81 inches
Color	Black
Voltage	100-240 Volts
Manufacturer	AOC
Country of Origin	China
Aspect Ratio	16:9
Screen Surface Description	Glossy

7. MAINTENANCE AND CARE

To ensure the longevity and optimal performance of your AOC C27G2Z monitor, follow these maintenance guidelines:

- **Cleaning the Screen:** Use a soft, lint-free cloth lightly dampened with a non-ammonia, non-alcohol based glass

cleaner. Spray the cleaner onto the cloth, not directly onto the screen.

- **Cleaning the Casing:** Use a soft, dry cloth to wipe the monitor casing. Avoid using abrasive cleaners or solvents.
- **Handling:** Always lift the monitor by its base or edges. Avoid applying pressure directly to the screen, especially the curved surface.
- **Ventilation:** Ensure the ventilation openings on the monitor are not blocked. Do not place the monitor in an enclosed space without adequate airflow.
- **Power Off:** When not in use for extended periods, turn off the monitor and unplug it from the power outlet.

8. 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 both the monitor and the power outlet.
 - Check if the power outlet is functioning by plugging in another device.
- **No Display/Black Screen:**
 - Verify that the video cable (HDMI or DisplayPort) is securely connected to both the monitor and your computer's graphics card.
 - Ensure the correct input source is selected on the monitor's OSD menu.
 - Restart your computer.
- **Flickering Screen:**
 - Check the video cable for damage or loose connections. Try a different cable if possible.
 - Ensure your graphics card drivers are up to date.
 - Disable or enable AMD FreeSync in the monitor's OSD or graphics card settings to see if it resolves the issue.
- **No Sound (if using monitor speakers/audio out):**
 - Check the audio settings on your computer and ensure the monitor is selected as the output device.
 - Adjust the volume on the monitor's OSD menu.
 - Ensure the HDMI or DisplayPort cable is capable of transmitting audio.

9. WARRANTY AND SUPPORT

AOC offers comprehensive support for its products, including a robust warranty program:







- **Zero Bright Dot Coverage:** For all AOC Gaming monitors, if a bright dot or dead pixel develops within 3 years of purchase, AOC will replace it for free.
- **Advance Replacement:** If your monitor needs to be replaced, AOC ships a replacement monitor as soon as the Return Merchandise Authorization (RMA) is authorized, even before you ship the damaged monitor back. This minimizes downtime and gets you back to gaming quickly.
- **Accidental Damage Coverage:** Within the first year of purchase, AOC will replace any accidentally damaged units covered under the Re-Spawned program. (One replacement per product.)

For further assistance or detailed warranty information, please refer to the full User Manual PDF or visit the official AOC support website.

10. ADDITIONAL RESOURCES

For a complete and detailed guide, including advanced settings and comprehensive troubleshooting, please download the full User Manual (PDF):

[Download Full User Manual \(PDF\)](#)

	<p>AOC 24G2ZE Gaming Monitor Quick Start Guide</p> <p>This guide provides essential information for setting up and using the AOC 24G2ZE gaming monitor, including connection instructions, OSD controls, and technical specifications.</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 C27G42E Gaming Monitor: Quick Start Guide & Specifications</p> <p>Get started with your AOC C27G42E 27-inch gaming monitor. This guide covers setup, connections, OSD controls, and detailed technical specifications for optimal performance.</p>
	<p>AOC Q27B35S3 LCD Monitor User Manual</p> <p>User manual for the AOC Q27B35S3 LCD Monitor, covering setup, installation, operation, troubleshooting, and specifications.</p>
	<p>AOC Q27G4ZR Gaming Monitor Quick Start Guide</p> <p>Comprehensive quick start guide for the AOC Q27G4ZR gaming monitor, covering setup, features, specifications, and regional support links.</p>
	<p>AOC 27G4XE Gaming Monitor Quick Start Guide</p> <p>Concise guide to setting up and using the AOC 27G4XE gaming monitor, including specifications, connections, and OSD navigation.</p>

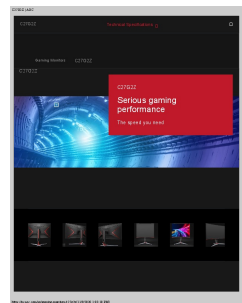
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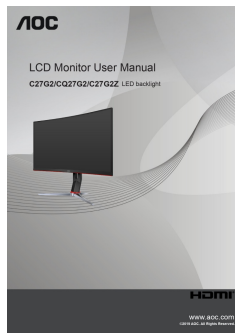


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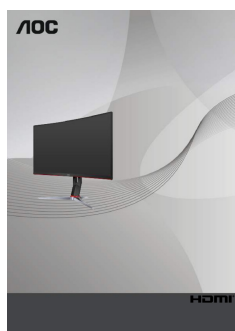
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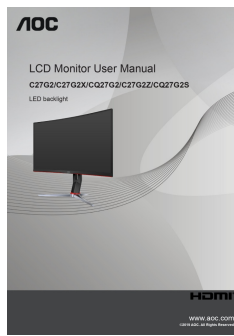
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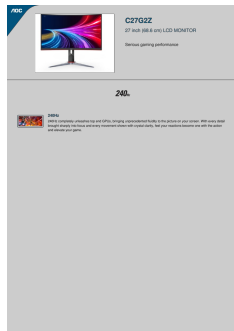


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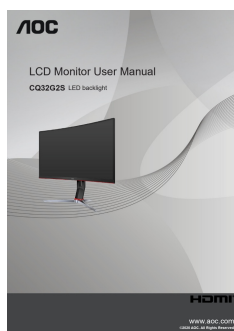
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Explore the HubWarranty compatibility list featuring a wide range of Acer, Apple, HP, Dell, Lenovo, and other brand devices incl notebooks, desktops, and all-in-one PCs. Find model numbers and device types for compatibility checks.

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