

AOC 27G4H

AOC 27G4H 27 inch Gaming Monitor User Manual

Model: 27G4H

1. INTRODUCTION

This manual provides essential information for the proper setup, operation, and maintenance of your AOC 27G4H 27 inch Full HD IPS Gaming Monitor. Designed for an immersive gaming experience, this monitor features a 200Hz refresh rate, 0.3ms MPRT response time, and a vibrant IPS panel. Please read this manual thoroughly before using the product to ensure optimal performance and safety.



Image 1.1: Front view of the AOC 27G4H Gaming Monitor.

2. WHAT'S IN THE BOX

Verify that all components are present and in good condition upon unpacking:

- AOC 27G4H Monitor
- Monitor Stand (Base and Neck)
- HDMI Cable
- Power Cord
- User Manual (this document)

3. SETUP INSTRUCTIONS

3.1 Stand Assembly

1. Carefully place the monitor face down on a soft, clean surface to prevent scratches.
2. Attach the stand neck to the back of the monitor, aligning the mounting points. Secure with screws if provided.
3. Connect the stand base to the stand neck. Tighten the thumb screw or screws from the bottom of the base.
4. Gently lift the assembled monitor and place it on a stable, flat surface.

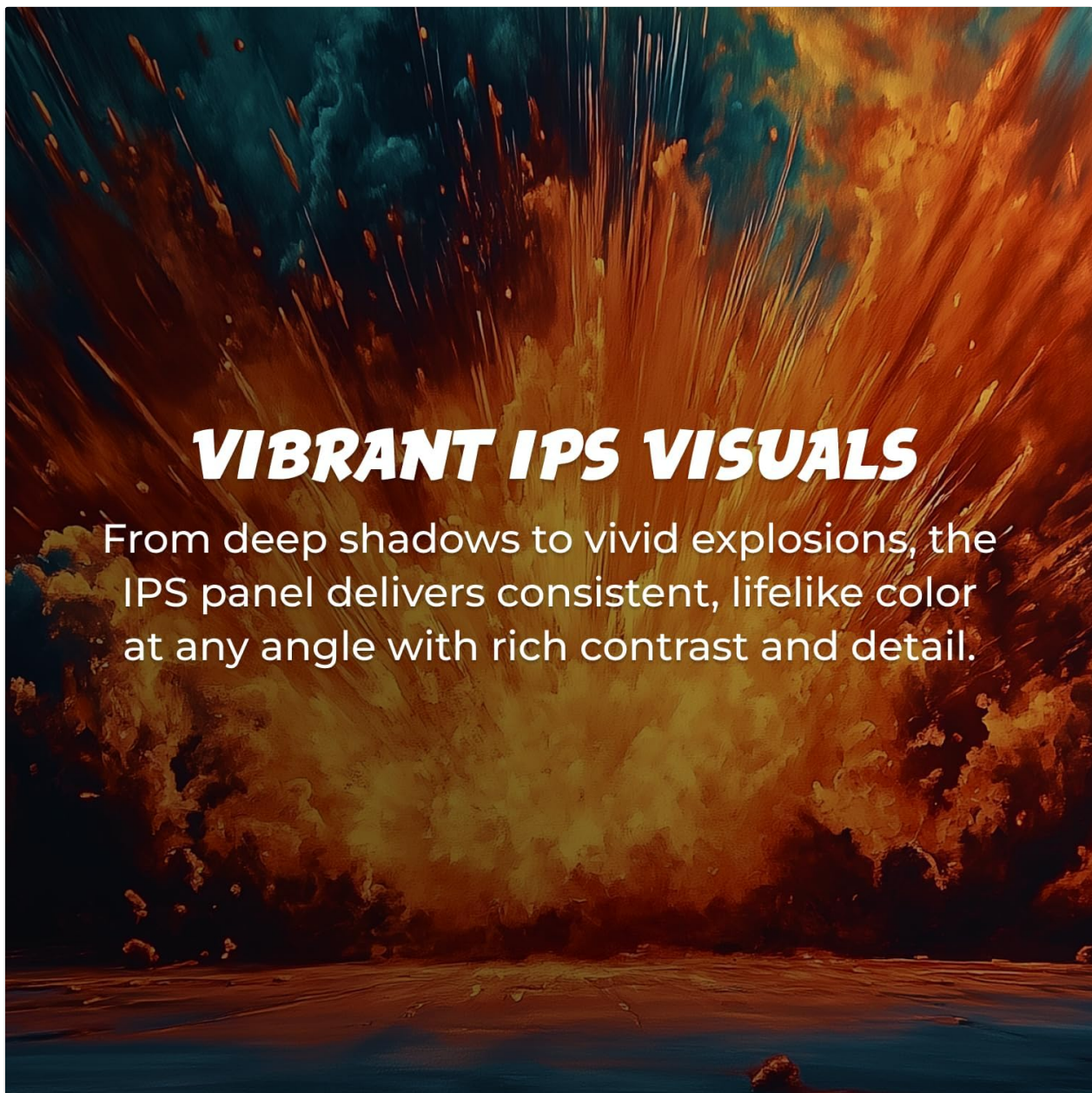


Image 3.1: Side view of the monitor showing the assembled stand.

3.2 VESA Mounting (Optional)

The AOC 27G4H monitor is VESA compatible (100x100mm). To mount the monitor on a wall or desk arm:

1. Remove the stand assembly from the monitor.
2. Attach your VESA-compatible mount to the four screw holes on the back of the monitor. Ensure the screws are appropriate for the VESA standard and do not overtighten.



Image 3.2: Rear view of the monitor highlighting the VESA mounting points.

3.3 Connecting to Your Device

Connect your computer or gaming console to the monitor using the appropriate cables:

- **HDMI Connection:** Use the provided HDMI cable to connect your device's HDMI output to one of the monitor's HDMI 2.0 ports.
- **DisplayPort Connection:** Use a DisplayPort cable (not included) to connect your device's DisplayPort output to the monitor's DisplayPort.
- **Audio Output:** For external speakers or headphones, connect them to the 3.5mm audio output jack on the monitor.



Image 3.3: Rear view of the monitor showing available input ports.

3.4 Power Connection

Connect the power cord to the monitor's power input and then plug the other end into a grounded electrical outlet.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

- To power on the monitor, press the power button located on the bottom right bezel.
- To power off, press and hold the power button until the monitor turns off.

4.2 On-Screen Display (OSD) Menu Navigation

The OSD menu allows you to adjust various monitor settings. Use the buttons on the bottom right bezel to navigate:

- Press any OSD button to bring up the menu.
- Use the directional buttons to navigate through menu options.
- Press the 'Menu' or 'OK' button to select an option or confirm a setting.

- Press the 'Exit' or 'Back' button to return to the previous menu or exit the OSD.



Image 4.1: Front view of the monitor indicating OSD control button locations.

4.3 Picture Settings

Adjust display characteristics for optimal viewing:

- **Brightness/Contrast:** Adjust these to suit your environment and preference.
- **Color Settings:** Select from various color modes (e.g., Warm, Cool, sRGB) or customize RGB values. The monitor supports 121% sRGB wide color gamut for accurate color reproduction.
- **HDR:** Enable HDR10 for enhanced depth and dynamic range in compatible content.

4.4 Gaming Features

Optimize your gaming experience with these settings:

- **Refresh Rate:** Ensure your device is configured to output at 200Hz for the smoothest motion.
- **Response Time (MPRT):** The monitor features a rapid 0.3ms MPRT. Adjust overdrive settings in the OSD for optimal clarity without ghosting.
- **Adaptive-Sync:** Enable Adaptive-Sync to synchronize the monitor's refresh rate with your GPU's frame rate, eliminating screen tearing and stuttering.

- **Low Input Lag:** This monitor is designed with low input lag for responsive gameplay.

4.5 Ergonomic Adjustments

The included stand offers flexibility for comfortable viewing:

- **Height Adjustment:** Adjust the monitor's height to eye level.
- **Swivel:** Rotate the monitor horizontally to share your screen or adjust your viewing angle.
- **Tilt:** Adjust the vertical angle of the screen to reduce glare and improve comfort.
- **Pivot:** Rotate the monitor 90 degrees for portrait mode, ideal for coding or document viewing.

5. MAINTENANCE

5.1 Cleaning the Screen

- Turn off the monitor and unplug the power cord.
- Use a soft, lint-free cloth lightly dampened with water or a screen cleaner specifically designed for monitors.
- Wipe the screen gently. Avoid applying excessive pressure.
- Do not use alcohol, ammonia, or abrasive cleaners, as these can damage the screen surface.

5.2 General Care

- Keep the monitor away from direct sunlight, excessive heat, and humidity.
- Ensure proper ventilation around the monitor to prevent overheating.
- Avoid placing heavy objects on the monitor or its cables.

6. TROUBLESHOOTING

If you encounter issues with your monitor, refer to the table below 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.	Ensure power and video cables are securely connected. Select the correct input source via the OSD menu.
Image flickering or unstable	Loose video cable; Incorrect refresh rate; Adaptive-Sync issue.	Check video cable connection. Ensure your device's refresh rate matches the monitor's capabilities. Verify Adaptive-Sync settings.
Colors appear incorrect	Color settings misconfigured; Faulty video cable.	Adjust color settings in the OSD menu. Try a different video cable.
No sound from audio output	External speakers/headphones not connected; Volume too low; Audio output not selected.	Ensure external audio devices are connected. Check monitor and device volume settings. Verify audio output selection in OSD.

7. SPECIFICATIONS

Key technical specifications for the AOC 27G4H monitor:

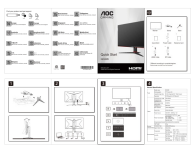

- **Screen Size:** 27 Inches
- **Panel Type:** IPS
- **Resolution:** Full HD (1920x1080)
- **Refresh Rate:** 200Hz
- **Response Time:** 0.3ms MPRT
- **Aspect Ratio:** 16:9
- **Color Gamut:** 121% sRGB
- **HDR Support:** HDR10
- **Connectivity:** 1x HDMI 2.0, 1x DisplayPort, Audio Out
- **Ergonomics:** Height Adjustable, Swivel, Tilt, Pivot
- **VESA Compatibility:** 100x100mm
- **Dimensions (LxWxH):** 8.96 x 24.11 x 20.81 inches
- **Item Weight:** 17.96 pounds
- **Color:** Black





8. WARRANTY AND SUPPORT

Your AOC 27G4H monitor comes with a **3-Year Zero-Bright-Dot** warranty, ensuring peace of mind regarding display quality. For technical assistance, warranty claims, or further inquiries, please refer to the contact information provided in your product packaging or visit the official AOC support website.

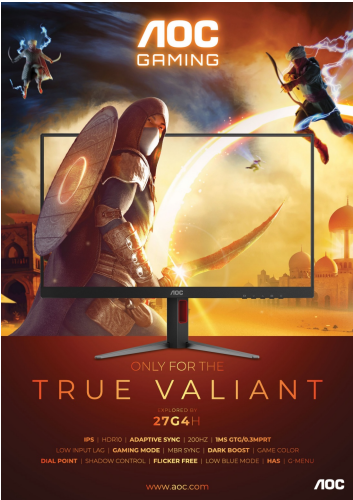
Always retain your proof of purchase for warranty validation.

Related Documents - 27G4H

	<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 22B2H LED Monitor User Manual and Specifications</p> <p>Detailed user manual and technical specifications for the AOC 22B2H 21.5-inch Full HD LED monitor. Learn about setup, OSD menu adjustments, connectivity options (VGA, HDMI), software features (i-Menu, e-Saver, Screen+), and compliance.</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 Q27G4SL/WS</p> <p>AOC Q27G4SL/WS</p>
	<p>AOC AGON PRO CS24A دليل المستخدم لشاشة</p> <p>يغطي الإعداد والميزات والمواصفات AOC AGON PRO CS24A، دليل مستخدم مفصل لشاشة الألعاب وإعدادات HDR، AMD FreeSync Premium، واستكشاف الأخطاء وإصلاحها. يتضمن معلومات حول وظيفة الألعاب.</p>

Documents - AOC – 27G4H



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AOC 27G4H leaflet V2 mmd aoc2 oss cn hongkong aliyuncs ² Products Monitors G Line G4 ||| ONLY FOR THE TRUE VALIANT EXPLORED BY **27G4H** Features IPS WIDE VIEW IPS panel for wide-viewing angles IPS panel ensures an excellent viewing experience with lifelike yet brilliant and accurate colours. Colours look consistent no matter from which angle you look at the display. The e-sports profe... lang:en score:33 filesize: 1.5 M page_count: 2 document date: 2025-03-27

IEC		IECEE		Ref. Certif. No.	
Scheme		Scheme		FI-58131/M3	
IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (MOC) CB Scheme					
CB TEST CERTIFICATE					
Product		LCD Monitor			
Name and address of the applicant		TPV Electronics (Fujian) Co., Ltd. Rongqian Economic and Technological Development Zone, Fujian, China			
Name and address of the manufacturer		TPV Electronics (Fujian) Co., Ltd. Rongqian Economic and Technological Development Zone, Fujian, China			
Name and address of the factory		See page 2			
Date When this form was issued (please specify page 2)		See page 2			
Rating and approval (please specify page 2)		100 V - 240 V~, 50 Hz / 60 Hz, 1.5 A, Class I; (P)AD: Temp. at 0°C, Max. altitude: 5000 m			
Trademark (Brand if any)		AOC			
Customer's Trading Facility (CTF) (page 2)		-			
Model / Type Ref.		27G4H, 27G4HE, 27G4HX, Q27G4D, Q27G4N, Q27G4F, Q27G4M, Q27G4XN, Q27G4XM, Q27G4NHN, Q27G4, Q27G4XN, 27G4X, Q27G4K, 27G4, Q27G4XNHN, Q27G4XNHN, Q27G4XNHN, or approval ~, ~, ~, ~, or sign absence or no mark or no symbol			
Additional information (if necessary may also be indicated on page 2)		Modification of FI-58131 MOC dated 2024-12-11: Added new model name, main board and power board, changed list of components. (2) Model: see page 2			
A sample of the product was tested and found to be in conformity with		IEC 62368-1:2014 EU Group Differences: AU, NZ, JP, US, CA, DK, IT S2E23090504601 S2E23090504601 Amendment 01 S2E23090504601 Amendment 02 S2E23090504601 Amendment 03			
As shown in the Test Report Ref. No. which forms part of this Certificate		-			
This CB Test Certificate is issued by the National Certification Body					
SGS Fimko Ltd Talonkatja 8 FI-03380 Helsinki, Finland		Signature: [Signature] Ralf Klingenberg Certification Manager			
Date: 2025-01-21		-			
Issued 2018-05-05 1/2					

[AOC LCD Monitor CB Test Certificate FI-58131/M3 - Technical Specifications and Compliance](#)

CB Test Certificate for AOC LCD Monitors (Model Series 27G4, Q27G4) confirming compliance with IEC 62368-1:2014, issued by SGS Fimko Ltd. Includes technical specifications, ratings, and factory details.

lang:en score:27 filesize: 103.52 K page_count: 2 document date: 2025-05-08

IEC		IECEE		Ref. Certif. No.	
Scheme		Scheme		FI-58131/M3	
IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (MOC) CB Scheme					
CB TEST CERTIFICATE					
Product		LCD Monitor			
Name and address of the applicant		TPV Electronics (Fujian) Co., Ltd. Rongqian Economic and Technological Development Zone, Fujian, China			
Name and address of the manufacturer		TPV Electronics (Fujian) Co., Ltd. Rongqian Economic and Technological Development Zone, Fujian, China			
Name and address of the factory		See page 2			
Date When this form was issued (please specify page 2)		See page 2			
Rating and approval (please specify page 2)		100 V - 240 V~, 50 Hz / 60 Hz, 1.5 A, Class I; (P)AD: Temp. at 0°C, Max. altitude: 5000 m			
Trademark (Brand if any)		AOC			
Customer's Trading Facility (CTF) (page 2)		-			
Model / Type Ref.		27G4H, 27G4HE, 27G4HX, Q27G4D, Q27G4N, Q27G4F, Q27G4M, Q27G4XN, Q27G4XM, Q27G4NHN, Q27G4, Q27G4XN, 27G4X, Q27G4K, 27G4, Q27G4XNHN, Q27G4XNHN, Q27G4XNHN, or approval ~, ~, ~, ~, or sign absence or no mark or no symbol			
Additional information (if necessary may also be indicated on page 2)		Modification of FI-58131 MOC dated 2024-12-11: Added new model name, main board and power board, changed list of components. (2) Model: see page 2			
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Date: 2025-01-21		-			
Issued 2018-05-05 1/2					

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Q27G4N Q27G4F Q27G4XM Q27G4ZMN Q27G40XMN Q27G41XMN Q27G4XN 27G4X Q27G4X 27G4

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