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› [AOC](#) /

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AOC G2460PF 24-inch Gaming Monitor Instruction Manual

Model: G2460PF | Brand: AOC

1. INTRODUCTION

The AOC G2460PF is a 24-inch Full HD (1920x1080) gaming monitor designed to deliver a smooth and responsive gaming experience. Featuring a 144Hz refresh rate and a 1ms response time, it minimizes motion blur and input lag. AMD FreeSync technology is integrated to eliminate screen tearing and stuttering, ensuring fluid visuals during fast-paced action. This monitor also offers versatile connectivity options and ergonomic adjustments for optimal viewing comfort.



Figure 1: AOC G2460PF 24-inch Gaming Monitor. This image shows the front view of the monitor with its stand, highlighting the display area and slim bezels.

2. WHAT'S IN THE BOX

Upon unpacking your AOC G2460PF monitor, please ensure all the following items are present:

- 24-inch Monitor (AOC G2460PF)
- Foot Stand
- Power Cord
- HDMI Cable
- DisplayPort (DP) Cable
- USB Cable
- Media (including drivers, AOC software, and user's manual)

3. SETUP AND ASSEMBLY

3.1. Assembling the Stand

1. Carefully remove the monitor and stand components from the packaging.
2. Attach the monitor panel to the stand arm. Ensure it clicks securely into place.
3. Connect the foot stand to the stand arm. Tighten any screws if provided, usually by hand or with a coin.
4. Place the assembled monitor on a stable, flat surface.

3.2. Connecting the Monitor

1. Connect one end of the provided DisplayPort (DP) cable to the DisplayPort output on your computer's graphics card.
2. Connect the other end of the DP cable to the DisplayPort input on the AOC G2460PF monitor. For optimal performance (144Hz and FreeSync), DisplayPort is recommended.
3. Alternatively, you can use the HDMI cable to connect to an HDMI port on your computer or other devices.
4. Connect the USB cable from your computer to the monitor's USB upstream port to enable the monitor's USB hub functionality.
5. Plug the power cord into the monitor's power input, then into a grounded electrical outlet.
6. Press the power button on the monitor to turn it on.

3.3. Driver Installation

Insert the provided media (CD/DVD) into your computer's optical drive and follow the on-screen instructions to install the monitor drivers and AOC software. This ensures optimal compatibility and access to all monitor features. If your computer lacks an optical drive, drivers can typically be downloaded from the official AOC website.

4. OPERATING THE MONITOR

4.1. Power On/Off

Press the power button, usually located on the bottom right bezel or rear of the monitor, to turn the display on or off.

4.2. On-Screen Display (OSD) Menu Navigation

The OSD menu allows you to adjust various monitor settings. Use the buttons or joystick (if present) on the monitor to navigate the menu:

- **Menu Button:** Opens the OSD menu.
- **Navigation Buttons:** Used to move through menu options (Up/Down/Left/Right).
- **Select/Enter Button:** Confirms a selection or enters a sub-menu.
- **Exit Button:** Exits the current menu or closes the OSD.

4.3. Key OSD Settings

- **Brightness/Contrast:** Adjusts the overall luminance and contrast of the display.
- **Color Settings:** Fine-tunes color temperature, gamma, and individual RGB levels.
- **Picture Mode:** Selects pre-set display modes optimized for different content (e.g., Standard, Game, Movie, Text).
- **Input Select:** Manually switches between connected video inputs (DisplayPort, HDMI, DVI, VGA).
- **Game Settings:** Configures gaming-specific features like FreeSync, Overdrive (response time acceleration), and Low Input Lag.

4.4. Ergonomic Adjustments

The AOC G2460PF monitor stand offers several ergonomic adjustments:

- **Height Adjustment:** Raise or lower the monitor to your preferred viewing height (up to 5.1 inches).
- **Tilt:** Adjust the screen's vertical angle (forward or backward) to reduce glare and improve comfort.
- **Swivel:** Rotate the monitor horizontally left or right on its base.
- **Pivot:** Rotate the screen 90 degrees to switch between landscape and portrait orientation (useful for coding or document viewing).

5. CONNECTIVITY

The monitor provides a comprehensive array of ports to connect to various devices:

- **VGA:** 1x (for older devices)
- **DVI:** 1x (DVI-D Dual Link for 144Hz support)
- **HDMI:** 1x (with MHL support)
- **DisplayPort:** 1x (Recommended for 144Hz and AMD FreeSync)
- **USB Hub:** 4x USB ports (for connecting peripherals)
- **USB Upstream:** 1x (to connect the monitor's USB hub to your computer)
- **Headphone Jack:** 1x (3.5mm audio output)

6. KEY FEATURES

- **Full HD Resolution (1920x1080):** Delivers crisp and clear images.
- **144Hz Refresh Rate:** Provides ultra-smooth motion for competitive gaming.
- **1ms Response Time:** Virtually eliminates ghosting and motion blur.
- **AMD FreeSync Technology:** Synchronizes the monitor's refresh rate with your AMD GPU's frame rate to prevent screen tearing and stuttering.
- **TN Panel:** Offers fast response times ideal for gaming.
- **Height & Swivel Adjustable Stand:** Enhances ergonomic comfort.
- **Wall Mountable (100mm VESA):** Allows for flexible mounting options.
- **Built-in Speakers:** Provides basic audio output.

7. MAINTENANCE

7.1. Cleaning the Monitor

- Always power off the monitor and unplug the power cord before cleaning.
- Use a soft, lint-free cloth lightly dampened with water or a specialized screen cleaner.
- Do not spray cleaner directly onto the screen.
- Avoid using abrasive cleaners, solvents, or ammonia-based products, as they can damage the screen surface.

7.2. General Care

- Avoid placing heavy objects on the monitor or its cables.
- Do not block the ventilation openings on the monitor.
- Keep the monitor away from direct sunlight, heat sources, and excessive moisture.

8. TROUBLESHOOTING

Problem	Possible Solution
No image on screen	Ensure the power cord is securely connected to the monitor and a power outlet. Verify the video cable (DP, HDMI, DVI, VGA) is properly connected to both the monitor and your computer. Check if the computer is powered on and not in sleep mode. Use the OSD menu to select the correct input source.
Screen tearing or stuttering	Ensure AMD FreeSync is enabled in the monitor's OSD menu and your graphics card settings. Verify your graphics card drivers are up to date. Use a DisplayPort cable for optimal FreeSync performance.
Blurry or distorted image	Adjust the monitor's resolution to its native 1920x1080. Check the video cable for damage or loose connections. Perform an auto-adjustment via the OSD menu (if using VGA).
No audio from speakers/headphone jack	Ensure the audio cable (if used) is connected correctly. Check the volume settings in the monitor's OSD menu and your computer's operating system. Verify the correct audio output device is selected in your computer's sound settings.

9. SPECIFICATIONS

Feature	Detail
Screen Size	24 Inches
Panel Type	TN Panel
Resolution	Full HD (1920x1080)
Refresh Rate	144Hz
Response Time	1ms
Adaptive Sync Technology	AMD FreeSync
Brightness	350 cd/m2
Dynamic Contrast Ratio	80,000,000:1
Connectivity	VGA, DVI, HDMI w/MHL, DisplayPort, 4x USB, 1x USB Hub, Headphone Jack
Ergonomics	Height Adjustable (5.1 inches), Tilt, Swivel, Pivot
VESA Mount Compatibility	100mm x 100mm
Item Weight	14.4 pounds
Product Dimensions (LxWxH)	15.5 x 9.63 x 22.26 inches
Color	Black/Red

10. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the official AOC website or the warranty card included in your product packaging. Keep your purchase receipt as proof of purchase for warranty claims. Additional resources, including updated drivers and digital user manuals, can be found on the [AOC Support Website](#).

11. PRODUCT OVERVIEW VIDEO

Your browser does not support the video tag.

Video 1: Official Product Overview. This video provides a general overview of the AOC G2460PF monitor's features and design.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question