

AOC G2490VXS

AOC G2490VXS 24-inch Gaming Monitor User Manual

Model: G2490VXS

1. INTRODUCTION

This manual provides essential information for the proper setup, operation, maintenance, and troubleshooting of your AOC G2490VXS 24-inch Gaming Monitor. The AOC G2490VXS is a 24-inch class (23.8-inch viewable) Full HD (1920x1080) VA panel monitor designed for competitive gaming, featuring a 144Hz refresh rate, 1ms response time (MPRT), and Adaptive-Sync support. It also includes AOC LowBlue Mode and FlickerFree technology for user comfort during extended use.

2. SAFETY INFORMATION

- Ensure the monitor is placed on a stable, flat surface to prevent accidental falls.
- Do not block ventilation openings on the monitor casing.
- Use only the power cord and adapter supplied with the monitor.
- Avoid exposing the monitor to extreme temperatures, humidity, or direct sunlight.
- Disconnect the power cable from the outlet before cleaning the monitor.
- Do not attempt to service the monitor yourself. Refer all servicing to qualified personnel.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- AOC G2490VXS 24-inch Monitor
- Monitor Stand (Base and Neck)
- Power Cord
- HDMI Cable
- Quick Start Guide (QSG)

4. SETUP

4.1. Stand Assembly

To assemble the monitor stand:

1. Place the monitor face down on a soft, clean cloth to prevent scratches.
2. Attach the stand neck to the monitor panel by aligning the tabs and pushing firmly until it clicks into place.
3. Attach the stand base to the neck, securing it with the captive screw located on the underside of the base.





Image: Side profile of the AOC G2490VXS monitor, illustrating the monitor panel connected to its silver stand.

4.2. Connecting Cables

Connect the necessary cables to the monitor and your computer:

1. **Power:** Connect the power cord to the monitor's power input and then to a power outlet.
2. **Video:** Connect one end of the HDMI cable (or DisplayPort cable, if preferred) to the monitor's corresponding input port and the other end to your computer's graphics card.
3. **Audio (Optional):** If you wish to use external speakers or headphones, connect them to the audio line-out port on the monitor.



Image: Rear view of the AOC G2490VXS monitor, displaying the various input ports including HDMI, DisplayPort, and audio out, along with the power input.

4.3. VESA Mounting

The monitor supports VESA mounting for alternative mounting solutions (e.g., wall mounts, monitor arms). To use VESA mounting:

1. Remove the stand neck from the monitor panel.
2. Locate the VESA mounting holes on the back of the monitor.
3. Attach your VESA-compatible mount (sold separately) using appropriate screws. Refer to your mount's instructions for specific details.



Image: Top-down view of the AOC G2490VXS monitor's rear panel, highlighting the VESA mounting screw holes and various ports.

5. OPERATING INSTRUCTIONS

5.1. Power On/Off

Press the power button, usually located on the bottom right or rear of the monitor, to turn the monitor on or off. The power indicator light will illuminate when the monitor is active.

5.2. On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various monitor settings. Use the control buttons (typically located on the bottom edge or rear of the monitor) to navigate the menu:

- Press a button to open the OSD 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.

5.3. Display Settings

Key settings to optimize your viewing experience:

- **Refresh Rate:** Ensure your computer's display settings are configured to 144Hz for the smoothest experience.
- **Response Time (MPRT):** Adjust the overdrive setting in the OSD to achieve the desired 1ms Moving Picture Response Time.
- **Adaptive-Sync:** Enable Adaptive-Sync in the OSD menu and on your graphics card control panel for tear-free gaming.
- **LowBlue Mode:** Activate this feature to reduce blue light emissions, which can help reduce eye strain during prolonged use.
- **FlickerFree:** This technology minimizes screen flickering, providing a more comfortable viewing experience.
- **Color Settings:** Adjust brightness, contrast, and color temperature to your preference. The monitor supports 85% NTSC color gamut coverage for accurate color reproduction.



Image: The AOC G2490VXS monitor displaying a vibrant racing game, showcasing its frameless design and picture quality.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your monitor:

- **Cleaning the Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, lightly dampen the cloth with water or a specialized screen cleaner. Do not spray liquid directly onto the screen.
- **Cleaning the Casing:** Use a soft, dry cloth to wipe the monitor casing. Avoid abrasive cleaners or solvents.
- **Dust Removal:** Regularly dust the ventilation openings to prevent overheating.

7. TROUBLESHOOTING

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

- **No Image on Screen:**
 - Ensure the power cable is securely connected to both the monitor and the power outlet.
 - Verify that the video cable (HDMI/DisplayPort) is firmly connected to both the monitor and your computer.

- Check if the monitor is turned on.
- Confirm that the correct input source is selected in the OSD menu.
- **Image is Blurry or Distorted:**
 - Adjust the resolution settings on your computer to the monitor's native resolution (1920x1080).
 - Perform an 'Auto Adjust' function via the OSD menu if available.
- **Flickering or Ghosting:**
 - Ensure your graphics card drivers are up to date.
 - Verify that Adaptive-Sync is enabled in both the monitor OSD and your graphics card settings.
 - Adjust the 'Overdrive' setting in the OSD menu.
- **No Audio:**
 - Check the volume settings on both the monitor and your computer.
 - Ensure external speakers/headphones are properly connected to the monitor's audio line-out port.

If the issue persists, please contact AOC customer support for further assistance.

8. SPECIFICATIONS

Model Number	G2490VXS
Screen Size	23.8 Inches (24-inch class)
Panel Type	VA
Resolution	1920 x 1080 (Full HD)
Refresh Rate	144Hz
Response Time	1ms (MPRT)
Adaptive Sync	FreeSync Premium
Color Gamut	85% NTSC, 126% sRGB, 93% DCI-P3
Inputs	DisplayPort, HDMI
Audio	Audio Line-out
VESA Compatibility	Yes
Dimensions (LxWxH)	7.86 x 16.18 x 21.3 inches
Weight	11.01 pounds

9. WARRANTY AND SUPPORT

Your AOC G2490VXS monitor is covered by the AOC RE-SPAWNED warranty program, which includes:

- **3-Year Zero-Bright-Dot Warranty:** Ensures your display is free from bright pixel defects for three years.
- **3-Year Advance Replacement Warranty:** Provides a replacement unit in advance if your monitor requires service within three years.

- **1-Year (One-Time) Accidental Damage Warranty:** Covers accidental damage for one year from the date of purchase.

For detailed warranty terms, technical support, or service requests, please visit the official AOC website or contact AOC customer support directly. Keep your purchase receipt as proof of purchase for warranty claims.