AOC C24G1

AOC C24G1 24" Curved Gaming Monitor User Manual
Model: C24G1 | Brand: AOC

1. PRODUCT OVERVIEW

The AOC C24G1 is a 24-inch class curved gaming monitor designed for an immersive visual experience. It features a 1500R curved VA panel, Full HD (1920x1080) resolution, a rapid 144Hz refresh rate, and a 1ms response time. This monitor supports AMD FreeSync technology for smooth, tear-free gameplay. Its frameless design is ideal for multi-monitor setups, and the height-adjustable stand provides ergonomic comfort.

Figure 1.1: Front view of the AOC C24G1 Curved Gaming Monitor.

2. WHAT'S IN THE BOX

Verify that all components are present before proceeding with setup:

- AOC C24G1 23.6" Monitor
- Power Cord
- HDMI Cable
- DisplayPort (DP) Cable
- Quick Start Guide (QSG)

3. SETUP INSTRUCTIONS

3.1 Assembling the Monitor 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, ensuring it clicks securely into place.

3. Connect the stand base to the stand neck and tighten the captive screw at the bottom of the base.

Figure 3.1: Assembled monitor with stand.

3.2 Connecting Cables

Connect the necessary cables to the monitor's rear ports:

- **Power Cable:** Connect one end to the monitor's power input and the other to a power outlet.
- **Video Cable:** Connect either the HDMI or DisplayPort cable from your computer's graphics card to the corresponding input on the monitor. The monitor also supports VGA.
- **Audio Output:** For external speakers or headphones, connect them to the audio line-out port.

Figure 3.2: Rear view showing input ports.

3.3 Initial Power-On

After connecting all cables, press the power button located on the bottom right side of the monitor to turn it on. The monitor should automatically detect the input signal.

4. OPERATING THE MONITOR

4.1 On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various monitor settings. The control buttons are located on the bottom edge of the monitor, typically on the right side.

Figure 4.1: Location of OSD control buttons.

Use the buttons to navigate through the menu options:

- Press any button to activate the OSD menu.

- Use the directional buttons to move between 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.

4.2 Key Settings

Setting	Description
Luminance	Adjusts brightness and contrast.
Image Setup	Fine-tunes image quality, including sharpness and gamma.
Color Setup	Selects color temperature (Warm, Cool, sRGB, User Define) and adjusts RGB levels.
OSD Setup	Configures OSD language, position, and timeout.
Game Setting	Enables features like Game Mode, Shadow Control, Low Input Lag, and Overdrive.
FreeSync	Activates or deactivates AMD FreeSync for adaptive synchronization.

For advanced control, consider installing the AOC G-Menu software from the official AOC website, which allows OSD adjustments directly from your PC.

5. MAINTENANCE

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

- **Cleaning the Screen:** Use a soft, lint-free cloth lightly dampened with water or a non-ammonia, non-alcohol based screen cleaner. Do not spray liquid directly onto the screen.
- **Cleaning the Casing:** Wipe the monitor casing with a soft, dry cloth. Avoid abrasive cleaners.
- **Ventilation:** Ensure the monitor's ventilation openings are not blocked to prevent overheating.
- **Power Off:** Always turn off the monitor when not in use for extended periods.

6. TROUBLESHOOTING

If you encounter issues with your AOC C24G1 monitor, refer to the following common problems and solutions:

- **No Image/Power LED Off:**

    - Ensure the power cord is securely connected to both the monitor and the power outlet.
    - Check if the power button on the monitor is pressed.

- **No Image/Power LED On:**

    - Verify that the video cable (HDMI, DisplayPort, or VGA) is securely connected to both the monitor and your computer's graphics card.
    - Ensure your computer is powered on and not in sleep mode.
    - Try selecting the correct input source via the OSD menu.

- **Image Flickering or Distortion:**

    - Check the video cable for damage or loose connections.
    - Ensure your graphics card drivers are up to date.

- Adjust the refresh rate in your computer's display settings to 144Hz.
- If using FreeSync, ensure it is enabled in both the monitor OSD and your AMD Radeon Software.

- **Dead Pixels:**

    - Refer to AOC's pixel policy for warranty coverage.

For more detailed troubleshooting or persistent issues, please consult the full User Manual PDF available for download or contact AOC customer support.

7. SPECIFICATIONS

Feature	Detail
Screen Size	24 Inches (23.6" Viewable)
Panel Type	VA (Vertical Alignment)
Curvature	1500R
Resolution	FHD 1920 x 1080
Refresh Rate	144Hz
Response Time	1ms (MPRT)
Adaptive Sync	AMD FreeSync
Inputs	1x DisplayPort, 2x HDMI 1.4, 1x VGA
Audio	Audio Line-out
Ergonomics	Height Adjustable Stand, VESA Compatible
Dimensions (LxWxH)	21.14 x 9.64 x 20.19 inches (with stand)
Weight	9.81 pounds

Figure 7.1: Monitor dimensions.

8. WARRANTY AND SUPPORT

AOC provides comprehensive warranty and support for the C24G1 monitor:

- **3-Year Zero-Bright-Dot Warranty:** Covers the monitor against bright pixel defects for three years.
- **3-Year Advance Replacement Warranty:** If a hardware issue arises, AOC will ship a replacement unit in advance.
- **1-Year (One-Time) Accidental Damage Warranty:** Provides coverage for accidental damage during the first year of ownership.

For further assistance, technical support, or to download the complete user manual, please visit the official AOC support website or refer to the provided User Guide PDF:

Download User Guide (PDF)