AOC PD49

AOC PD49 49-inch Curved QD-OLED Monitor User Manual

Model: PD49

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your AOC PD49 49-inch Curved QD-OLED Monitor. Please read this manual thoroughly before using the product to ensure optimal performance and safety.

Figure 1: Front view of the AOC PD49 Curved QD-OLED Monitor.

2. SETUP

2.1 Unpacking and Assembly

Carefully remove all components from the packaging. Ensure all parts are present before proceeding with assembly. The monitor includes a stand that supports height, swivel, and tilt adjustments.

Figure 2: Illustration of the monitor stand's adjustable features, including height, swivel, and tilt.

2.2 Connecting the Monitor

The AOC PD49 monitor offers various connectivity options. Identify the appropriate ports on the back of your monitor and connect them to your computer or other devices.

Figure 3: Rear view of the monitor, highlighting the stand attachment and general port location.

Figure 4: Detailed view of the monitor's connectivity options, including USB-C, HDMI 2.1, DisplayPort 1.4, USB 3.2, and RJ45 2.5GB Ethernet.

Available interfaces include:

- **DisplayPort:** For high-resolution video and audio transmission.
- **HDMI 2.1:** For high-definition video and audio, supporting advanced features.
- **USB 3.0/3.2:** For connecting peripherals and data transfer.
- **USB-C:** For video, data, and power delivery.
- **RJ45 2.5GB Ethernet:** For network connectivity.

After connecting the necessary cables, connect the power cable to the monitor and a power outlet.

3. OPERATING THE MONITOR

3.1 Power On/Off

Press the power button, usually located on the bottom or back of the monitor, to turn it on or off. The AOC PD49 features a custom boot-up logo.

Figure 5: The monitor displaying its custom boot-up logo.

3.2 On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various monitor settings such as brightness, contrast, color temperature, input source, and more. Access the OSD menu using the control buttons on the monitor.

3.3 Key Features and Performance

The AOC PD49 is a 49-inch curved QD-OLED monitor designed for high-performance visual experiences.

- **QD-OLED Panel:** Quantum Dot OLED technology provides vibrant colors and deep blacks.
- **Curved Display:** An 1800R curvature enhances immersion and viewing comfort.
- **High Resolution:** Features a DQHD (5120x1440) resolution for expansive screen real estate.

- **High Refresh Rate:** Supports a 240Hz refresh rate for smooth motion.
- **Fast Response Time:** Offers an ultra-fast 0.03ms GTG (Gray-to-Gray) response time.
- **Color Depth:** Capable of displaying 1.07 billion colors for rich and accurate visuals.
- **HDR Support:** DisplayHDR 400 certified for enhanced contrast and brightness in HDR content.
- **Adaptive Sync:** Provides tear-free and stutter-free gaming experiences.
- **Wide Viewing Angle:** QD-OLED technology ensures consistent image quality from various viewing positions.
- **Integrated Speakers:** Equipped with 8W x 2 stereo speakers with DTS sound.

Figure 6: QD-OLED Panel technology.
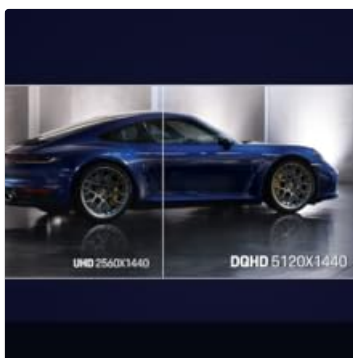

Figure 7: 1800R Curved Panel.

Figure 8: DQHD 5120x1440 Resolution.

Figure 9: 240Hz Refresh Rate.

Figure 10: 0.03ms GTG Response Time.

Figure 11: 1.07 Billion Colors.

Figure 12: DisplayHDR 400 Support.
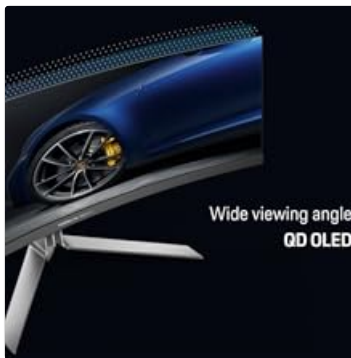
Figure 13: Adaptive Sync Technology.

Figure 14: Wide Viewing Angle QD-OLED.

Figure 15: Stereo Speakers with DTS Sound.

4. MAINTENANCE

4.1 Cleaning the Monitor

To clean the monitor screen, gently wipe it with a soft, lint-free cloth. For stubborn marks, dampen the cloth slightly with water or a mild, non-abrasive screen cleaner. Avoid using harsh chemicals, alcohol, or ammonia-based cleaners, as these can damage the screen surface.
For the monitor casing, use a soft, dry cloth. Do not spray cleaning liquids directly onto the monitor.

4.2 Storage

If storing the monitor for an extended period, ensure it is powered off and disconnected from all cables. Store it in a cool, dry place, preferably in its original packaging, to protect it from dust and physical damage.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your monitor. If the problem persists after following these steps, please contact customer support.

5.1 No Power

- Ensure the power cable is securely connected to both the monitor and the power outlet.
- Verify the power outlet is functioning by plugging in another device.
- Check the monitor's power button to ensure it is pressed.

5.2 No Image on Screen

- Confirm that the video cable (DisplayPort, HDMI, or USB-C) is securely connected to both the monitor and your computer/device.
- Ensure the correct input source is selected in the monitor's OSD menu.
- Check if your computer/device is powered on and outputting a signal.
- Try connecting the monitor to a different video source or using a different video cable to rule out cable or source issues.

5.3 Image Quality Issues

- Adjust brightness, contrast, and color settings via the OSD menu.
- Ensure the display resolution and refresh rate are correctly set in your computer's display settings.
- Check for any physical damage to the screen.
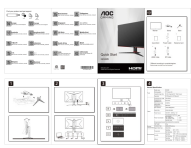
6. SPECIFICATIONS

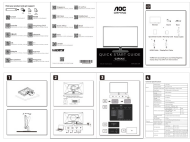| Feature	Specification
Brand	AOC
Model	PD49
Screen Size	49 Inches
Display Technology	QD OLED
Resolution	5120 x 1440 pixels (DQHD)
Refresh Rate	240 Hz
Response Time	0.03 Milliseconds (GTG)
Curvature	1800R
Contrast Ratio	Infinite or extremely high
Viewing Angle	172 Degrees
HDR Support	HDR400
Connectivity	DisplayPort, HDMI, USB 3.0/3.2, USB-C, RJ45 2.5GB Ethernet
Speakers	8W x 2 Stereo with DTS sound
Special Features	Height Adjustment, Swivel, Tilt, Adaptive Sync
Product Dimensions	8 x 11.92 x 43.15 cm

Feature	Specification
Item Weight	25.3 Kilograms

7. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your product or visit the official AOC website. You can also find additional support and product information on the AOC Brand Store on Amazon.

Related Documents - PD49

AOC 24G2ZE Gaming Monitor Quick Start Guide
This guide provides essential information for setting up and using the AOC 24G2ZE gaming monitor, including connection instructions, OSD controls, and technical specifications.

AOC CQ32G4E Gaming Monitor User Manual - Setup, Features, and Troubleshooting
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.

Manual de Usuario AOC Q27G41ZDF: Guía Completa
Descarga el manual de usuario para el monitor AOC Q27G41ZDF. Encuentra instrucciones detalladas sobre instalación, configuración de imagen, modos de juego, funciones OLED, solución de problemas y especificaciones técnicas para optimizar tu experiencia.

AOC CU34E4CW Benutzerhandbuch: Ihr Leitfaden für den Curved Monitor
Entdecken Sie das AOC CU34E4CW Benutzerhandbuch. Detaillierte Anleitungen zur Einrichtung, Bedienung und Fehlerbehebung Ihres 34-Zoll Curved LED Monitors mit HDR-Unterstützung.

AOC AG276QKD2 OLED Monitor User Manual
Comprehensive user manual for the AOC AG276QKD2 OLED Monitor, covering setup, operation, features like Adaptive-Sync and HDR, troubleshooting, and specifications. Learn how to connect, adjust, and maintain your display for optimal performance.

[AOC C27G42E Gaming Monitor: Quick Start Guide & Specifications](#)

Get started with your AOC C27G42E 27-inch gaming monitor. This guide covers setup, connections, OSD controls, and detailed technical specifications for optimal performance.