LG 45GR95QE

LG 45 Ultragear OLED Curved Gaming Monitor User Manual

Model: 45GR95QE

1. Introduction

This manual provides essential information for the safe and efficient use of your LG 45 Ultragear OLED Curved Gaming Monitor, Model 45GR95QE. Please read this manual thoroughly before operating the product and retain it for future reference. This monitor is designed for high-performance gaming and professional use, featuring a 45-inch WQHD OLED display with a 240Hz refresh rate and 0.03ms GTG response time.



Image: Front view of the LG 45 Ultragear OLED Curved Gaming Monitor, showcasing its curved display and sleek design.

2. Package Contents

Verify that all components are present in your product box. If any items are missing or damaged, contact your retailer.

- LG 45 Ultragear OLED Curved Gaming Monitor (45GR95QE)
- Monitor Stand (Base and Neck)
- Power Cable
- HDMI Cable
- DisplayPort Cable
- USB-C Cable
- Remote Control (with batteries)
- iCarp Type-C 3-in-1 Hub (USB 3.0, HDTV 4K Output, Type-C PD)



Image: The iCarp Type-C 3-in-1 Hub, included with the monitor, featuring USB 3.0, HDTV 4K output, and Type-C Power Delivery ports.

3. Setup

3.1 Assembling the Stand

1. Carefully place the monitor face down on a soft, clean surface to prevent scratches.
2. Attach the stand neck to the monitor using the provided screws.
3. Connect the stand base to the stand neck and secure it with the thumb screw.
4. Carefully lift the assembled monitor and place it on a stable, level surface.



Image: The LG 45 Ultragear monitor fully assembled on its stand, viewed from the front.

3.2 Connecting Cables

Ensure the monitor and your computer are powered off before making any connections.

- **Power Connection:** Connect the power cable to the monitor's power input and then to a wall outlet.
- **Video Connection:** Connect one end of the HDMI or DisplayPort cable to your computer's graphics card and the other end to the corresponding port on the monitor. For optimal performance, use DisplayPort 1.4 or HDMI 2.1.
- **USB-C Connection:** For devices supporting USB-C video output and power delivery, connect the USB-C cable from your device to the monitor's USB-C port. This port also functions as an upstream port for the integrated USB hub.
- **USB Downstream Ports:** Connect USB devices (e.g., keyboard, mouse) to the USB-A downstream ports on the monitor.
- **LAN Port:** Connect an Ethernet cable to the RJ45 LAN port for network connectivity through the monitor's integrated hub.
- **Headphone Out:** Connect headphones or external speakers to the 3.5mm headphone jack.

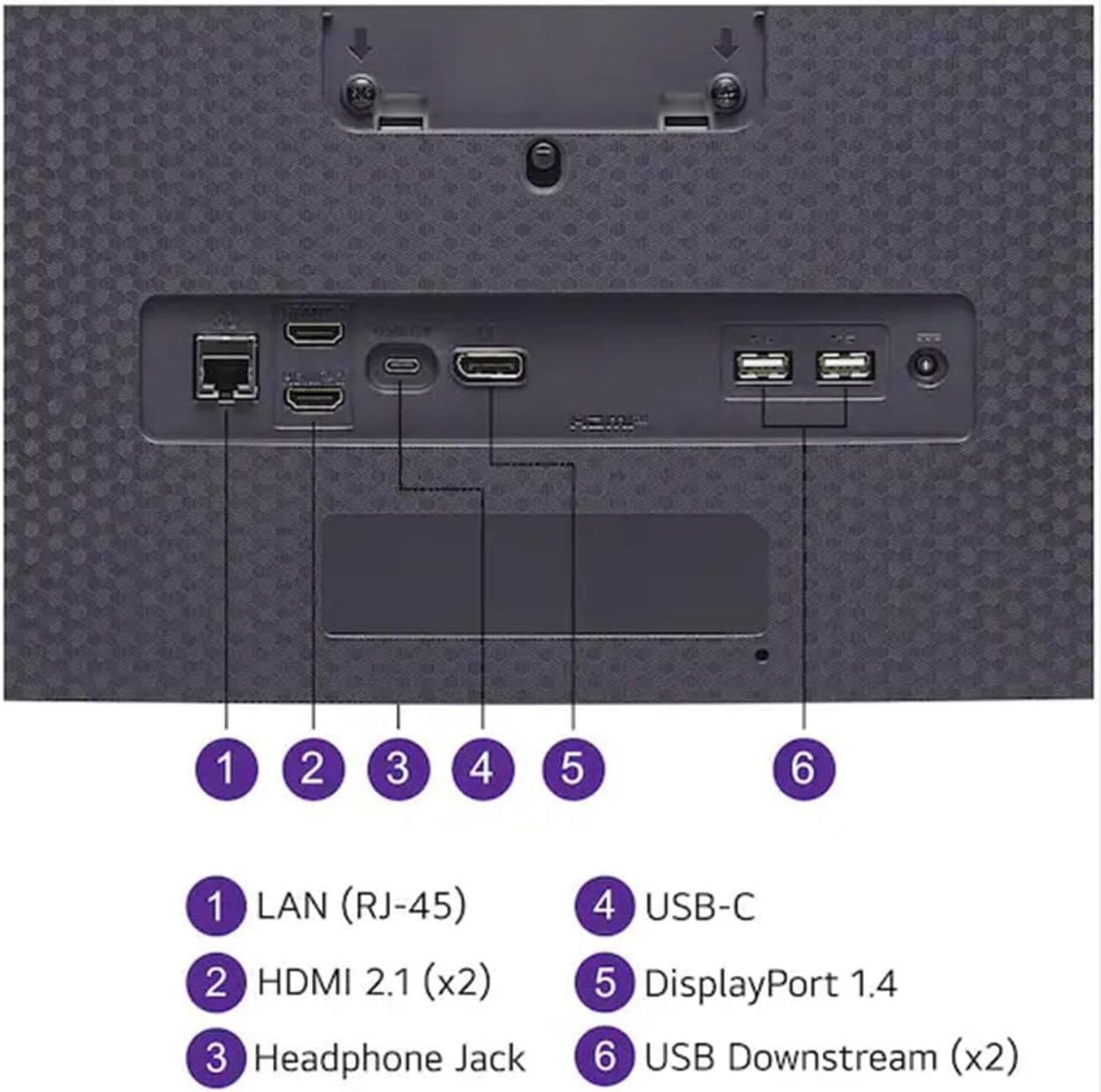


Image: Detailed diagram of the monitor's rear input/output ports, including LAN (RJ-45), HDMI 2.1 (x2), Headphone Jack, USB-C, DisplayPort 1.4, and USB Downstream (x2).

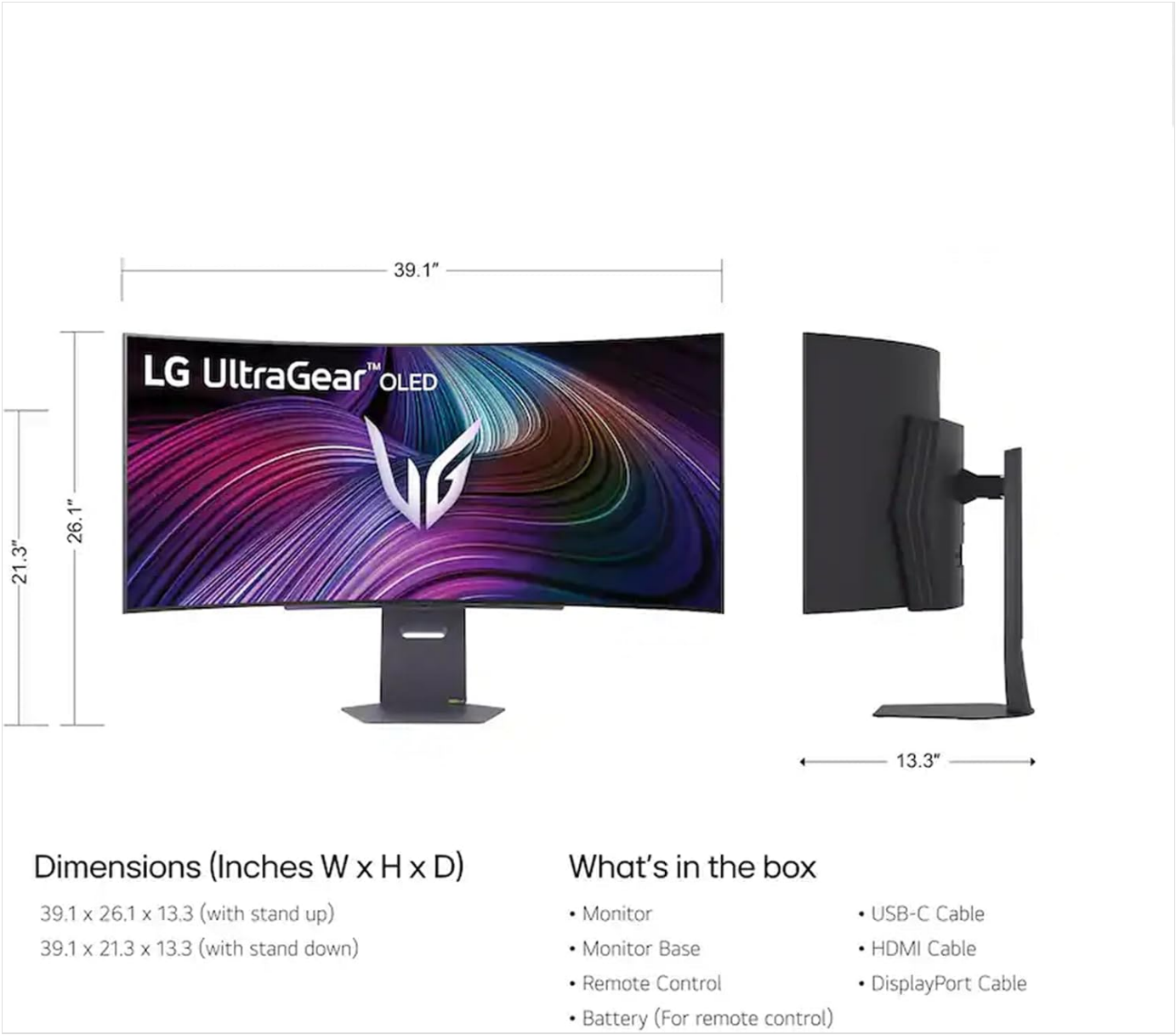


Image: Rear view of the LG 45 Ultragear monitor, showing the stand and the location of the input/output ports.

4. Operating the Monitor

4.1 Power On/Off

Press the power button (usually a joystick located at the bottom center of the monitor) to turn the monitor on or off.

4.2 On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various monitor settings. Use the joystick button to navigate the menu:

- **Push the joystick:** Opens the OSD menu.
- **Move joystick Up/Down/Left/Right:** Navigates through menu options.
- **Push joystick again:** Selects the highlighted option.

Key OSD settings include:

- **Picture Mode:** Select predefined display settings (e.g., Gamer 1, FPS, RTS, Vivid, Reader).
- **Brightness/Contrast:** Adjust display luminance and contrast levels.
- **Color:** Fine-tune color temperature, gamma, and saturation.

- **Gaming:** Enable/disable AMD FreeSync Premium Pro, NVIDIA G-SYNC Compatible, Dynamic Action Sync, Black Stabilizer, and Crosshair features.
- **Input:** Select the active input source (HDMI1, HDMI2, DisplayPort, USB-C).
- **General:** Adjust OSD language, power-saving options, and reset settings.

4.3 Gaming Features

- **AMD FreeSync Premium Pro / NVIDIA G-SYNC Compatible:**These technologies synchronize the monitor's refresh rate with your GPU's frame rate to eliminate screen tearing and stuttering. Ensure your graphics card drivers are up to date and the feature is enabled in both the monitor OSD and your GPU control panel.
- **Dynamic Action Sync (DAS):** Reduces input lag, making real-time strategy games and fast-paced shooters more responsive.
- **DisplayHDR TRUE BLACK 400:** Provides enhanced contrast and color depth for HDR content.

4.4 Wi-Fi and Bluetooth Connectivity

The monitor includes Wi-Fi and Bluetooth capabilities. Refer to the OSD menu's 'Network' or 'General' section to configure these settings. This allows for potential firmware updates or connectivity with other smart devices.

5. Maintenance

5.1 Cleaning the Monitor

- Always unplug the monitor from the power outlet before cleaning.
- Use a soft, lint-free cloth slightly dampened with water or a mild, non-abrasive screen cleaner.
- Do not spray cleaner directly onto the screen. Apply it to the cloth first.
- Avoid using benzene, alcohol, or abrasive cleaners, as they can damage the screen surface.

5.2 General Care

- Avoid placing heavy objects on the monitor or its cables.
- Do not expose the monitor to direct sunlight or excessive heat.
- Ensure adequate ventilation around the monitor to prevent overheating.

6. Troubleshooting

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

Problem	Possible Cause / Solution
No image on screen	• Ensure the power cable is securely connected and the monitor is powered on. • Verify the video cable (HDMI/DisplayPort/USB-C) is properly connected to both the monitor and the computer. • Check if the correct input source is selected in the OSD menu. • Test with another video cable or device if possible.

Problem	Possible Cause / Solution
Image flickering or distorted	• Check video cable connections. • Adjust the refresh rate in your computer's display settings. • Disable or enable FreeSync/G-SYNC in the OSD and GPU control panel to see if it resolves the issue. • Ensure your graphics drivers are up to date.
No sound	• Verify that the audio output is correctly selected on your computer. • Check the volume level on both the monitor and your computer. • Ensure headphones or speakers are properly connected to the headphone out port.
Network connection issues (LAN)	• Ensure the Ethernet cable is securely connected to the monitor's RJ45 port and your router/modem. • Check network settings on your computer and the monitor's OSD. • Restart your router/modem.

7. Specifications

The following table outlines the technical specifications for the LG 45 Ultragear OLED Curved Gaming Monitor (Model 45GR95QE).

Feature	Specification
Screen Size	45 Inches
Display Type	OLED
Resolution	WQHD (3440 x 1440)
Aspect Ratio	21:9
Curvature	800R
Refresh Rate	240Hz
Response Time (GTG)	0.03ms
Brightness (Typical)	275 cd/m²
Peak Brightness	1300 cd/m²
Contrast Ratio	1.5M:1
Color Depth	1.07 Billion Colors
Color Gamut	DCI-P3 98.5%
HDR Support	DisplayHDR TRUE BLACK 400, HDR10

Feature	Specification
Adaptive Sync	AMD FreeSync Premium Pro, NVIDIA G-SYNC Compatible
Connectivity	2 x HDMI 2.1, 1 x DisplayPort 1.4, 1 x USB-C, 2 x USB-A (Downstream), 1 x Headphone Out, 1 x RJ45 Lan Port
Wireless	Wi-Fi, Bluetooth
Dimensions (W x H x D)	39.1" x 26.1" x 13.3" (with stand up)
Weight	29.8 lbs

8. Warranty and Support

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official LG Electronics website. You can also contact LG customer service directly for assistance.
LG Customer Support: www.lg.com/us/support

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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.

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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.

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