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> [LG 32GX850A-B 32-inch UltraGear 4K UHD OLED Gaming Monitor Instruction Manual](#)

## LG 32GX850A-B

# LG 32GX850A-B 32-inch UltraGear 4K UHD OLED Gaming Monitor Instruction Manual

Model: 32GX850A-B

## 1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your LG 32GX850A-B 32-inch UltraGear 4K UHD OLED Gaming Monitor. Please read this manual thoroughly before operating the product and retain it for future reference.



Image 1.1: Front view of the LG 32GX850A-B UltraGear OLED Gaming Monitor.

## 2. IMPORTANT SAFETY INSTRUCTIONS

Always follow these basic safety precautions to reduce the risk of fire, electric shock, or injury:

- Do not expose the monitor to rain or moisture.
- Do not open the monitor casing; refer all servicing to qualified service personnel.
- Ensure proper ventilation around the monitor.
- Use only the power cord and adapter supplied with the monitor.
- Avoid placing the monitor on unstable surfaces.
- Disconnect the power plug during lightning storms or when unused for long periods.

## 3. WHAT'S IN THE BOX

Verify that all components are present:

- Monitor

- Power Cable
- HDMI Cable
- DisplayPort Cable

## 4. SETUP GUIDE

### 4.1 Assembling the Stand

Carefully attach the stand base to the stand neck, then secure the assembled stand to the monitor panel. Ensure all screws are tightened appropriately.



Image 4.1: The monitor stand base and neck components.

### 4.2 Connecting to Your Device

Connect the monitor to your computer or other video source using the provided HDMI or DisplayPort cable. For optimal performance, use the DisplayPort cable to achieve higher refresh rates.

- **HDMI Connection:** Use the HDMI cable to connect the monitor's HDMI port to your device's HDMI output.
- **DisplayPort Connection:** Use the DisplayPort cable to connect the monitor's DisplayPort to your device's DisplayPort output.
- **USB Connections:** Connect the upstream USB cable from your computer to the monitor to enable the monitor's USB 3.0 ports.



Image 4.2: Rear view of the monitor displaying HDMI, DisplayPort, and USB ports.

## 4.3 Power Connection

Connect the power cable to the monitor and then plug it into a wall outlet.

# 5. OPERATING INSTRUCTIONS

## 5.1 Power On/Off

Press the power button, typically located on the bottom center of the monitor, to turn the display on or off.

## 5.2 On-Screen Display (OSD) Menu Navigation

The monitor features an intuitive joystick control for navigating the OSD menu. Push the joystick to access the main menu, then move it up/down/left/right to select and adjust settings.

## 5.3 Key Features and Settings

Your LG UltraGear monitor offers advanced features for an optimized viewing and gaming experience:

- **32-inch 4K UHD Glossy OLED Display:** Enjoy ultra-sharp visuals and vibrant colors with a 3840 x 2160 resolution.
- **Dual-Mode Refresh Rates:** Switch between 4K UHD at 165Hz for detailed visuals or Full HD at 330Hz for high-speed gaming.
- **0.03ms (GtG) Response Time:** Experience minimal motion blur and ghosting for sharp, responsive gameplay.
- **VESA DisplayHDR True Black 400:** Delivers deep blacks and stunning contrast, enhancing visual detail in dark scenes.
- **NVIDIA G-SYNC Compatible & AMD FreeSync Premium Pro:** Ensures smooth, tear-free gameplay by synchronizing the monitor's refresh rate with your GPU.
- **UL Certifications for Eye Comfort:** Features Anti-Glare, Flicker-Free, and Low Blue Light technologies to reduce eye strain during extended use.
- **Advanced Gaming Features:**

- **Dynamic Action Sync:** Reduces input lag for real-time response.
- **Black Stabilizer:** Brightens dark areas to reveal hidden objects.
- **FPS Counter:** Displays your real-time frame rate.
- **Crosshair:** Provides an on-screen crosshair for improved aiming accuracy.

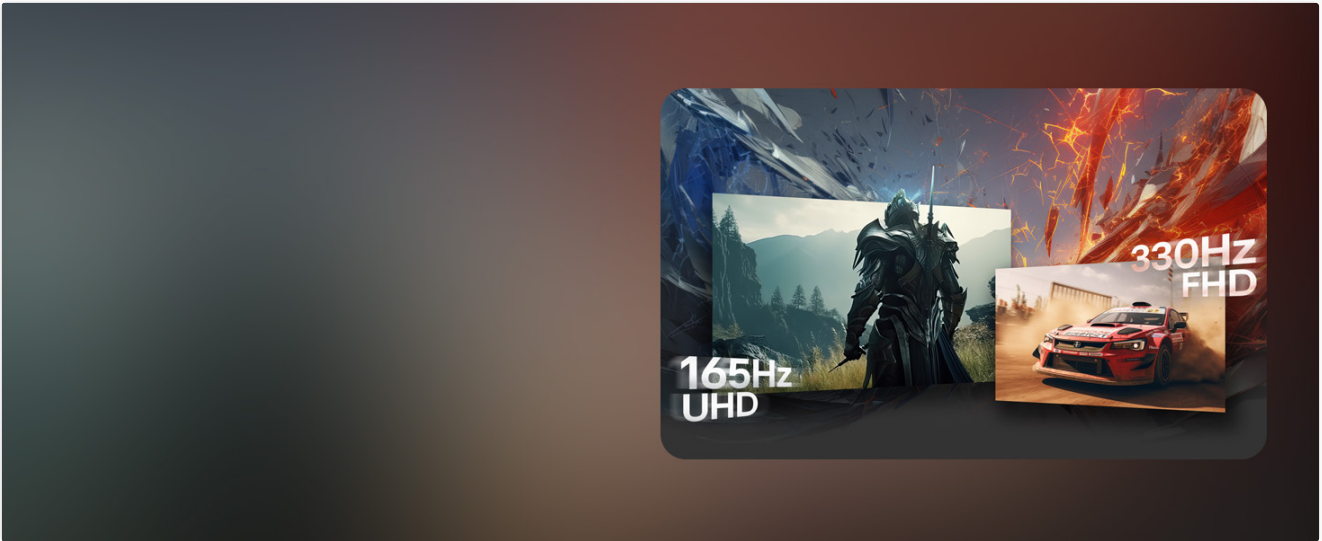


Image 5.1: Illustration of the monitor's Dual-Mode feature, offering 165Hz at UHD resolution and 330Hz at FHD resolution.



Image 5.2: Visual representation of Dynamic Action Sync, demonstrating reduced input lag for faster response times.



Image 5.3: Visual representation of Black Stabilizer, enhancing visibility in dark game environments.



Image 5.4: Screenshot illustrating the Crosshair feature, providing an on-screen aiming reticle.

## 6. MAINTENANCE

### 6.1 Cleaning the Monitor

To clean the monitor screen, gently wipe it with a soft, lint-free cloth. For stubborn marks, dampen the cloth with a small amount of water or a mild, non-abrasive screen cleaner. Do not spray cleaner directly onto the screen.

### 6.2 General Care

- Avoid placing heavy objects on the monitor or its cables.
- Keep the monitor away from direct sunlight and heat sources.
- Ensure adequate ventilation to prevent overheating.
- For OLED displays, consider using the monitor's built-in pixel refresh or screen shift functions to mitigate potential image retention (burn-in) over time, especially with static elements.

## 7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No power	Power cable not connected; power outlet not working.	Check power cable connections; test outlet with another device.
No signal	Video cable not connected; incorrect input source selected.	Ensure video cable is securely connected; select correct input source via OSD menu.
Screen flickering or image distortion	Outdated graphics drivers; faulty cable; refresh rate mismatch.	Update graphics drivers; try a different video cable; ensure refresh rate is supported by your GPU and cable.
Colors appear incorrect	Color settings in OSD or graphics card are misconfigured.	Reset color settings in the OSD menu; adjust color profiles in your operating system or graphics card control panel.

## 8. TECHNICAL SPECIFICATIONS

Feature	Specification
Screen Size	32 Inches
Screen Resolution	3840 x 2160 (4K UHD)
Panel Type	Glossy OLED
Max Refresh Rate	165Hz (4K UHD), 330Hz (Full HD)
Response Time (GtG)	0.03ms
HDR Support	VESA DisplayHDR True Black 400
Adaptive Sync	NVIDIA G-SYNC Compatible, AMD FreeSync Premium Pro
Connectivity	2x HDMI 2.1, 1x DisplayPort 1.4, 3x USB 3.0 (1 Upstream, 2 Downstream)
Adjustments	Tilt, Height, Swivel, Pivot
Dimensions (LxWxH)	9.8 x 28.1 x 24.4 inches
Weight	20.1 pounds

## 9. WARRANTY AND SUPPORT

### 9.1 Product Warranty

Your LG monitor is covered by a limited warranty. Please refer to the warranty card included with your product or visit the official LG website for detailed warranty terms and conditions specific to your region.

## 9.2 Customer Support

For technical assistance, troubleshooting, or service inquiries, please contact LG Customer Support. You can find contact information and additional resources on the official LG website:

[Visit LG Support Website](#)

