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> LG 32" Ultragear QHD (2560x1440) Gaming Monitor User Manual

## LG 32GS75Q-B.AUS

# LG UltraGear Gaming Monitor User Manual

Model: 32GS75Q-B.AUS

## 1. INTRODUCTION

This manual provides essential information for the proper setup, operation, and maintenance of your LG 32" UltraGear QHD (2560x1440) Gaming Monitor. Please read this manual thoroughly before using the product to ensure safe and optimal performance. Keep this manual for future reference.



**Figure 1.1:** Front view of the LG UltraGear Gaming Monitor, showcasing its QHD IPS display, 180Hz refresh rate, 1ms GtG response time, NVIDIA G-SYNC Compatible, AMD FreeSync, and Tilt/Height/Pivot Stand features.

## 2. SETUP

### 2.1. Unpacking the Monitor

Carefully remove all components from the packaging. Ensure all items listed in the 'What's in the Box' section are present.

### 2.2. What's in the Box

- Monitor
- Power Adapter
- DisplayPort Cable (may vary by region)
- HDMI Cable (may vary by region)
- Stand Base
- Stand Neck

### 2.3. Assembling the Stand

1. Attach the stand neck to the stand base and secure it with the provided screw.

2. Carefully attach the assembled stand to the back of the monitor until it clicks into place.

## 2.4. Connecting the Monitor

Connect the power adapter to the monitor and a power outlet. Connect your computer or gaming console to the monitor using either the DisplayPort or HDMI cable.

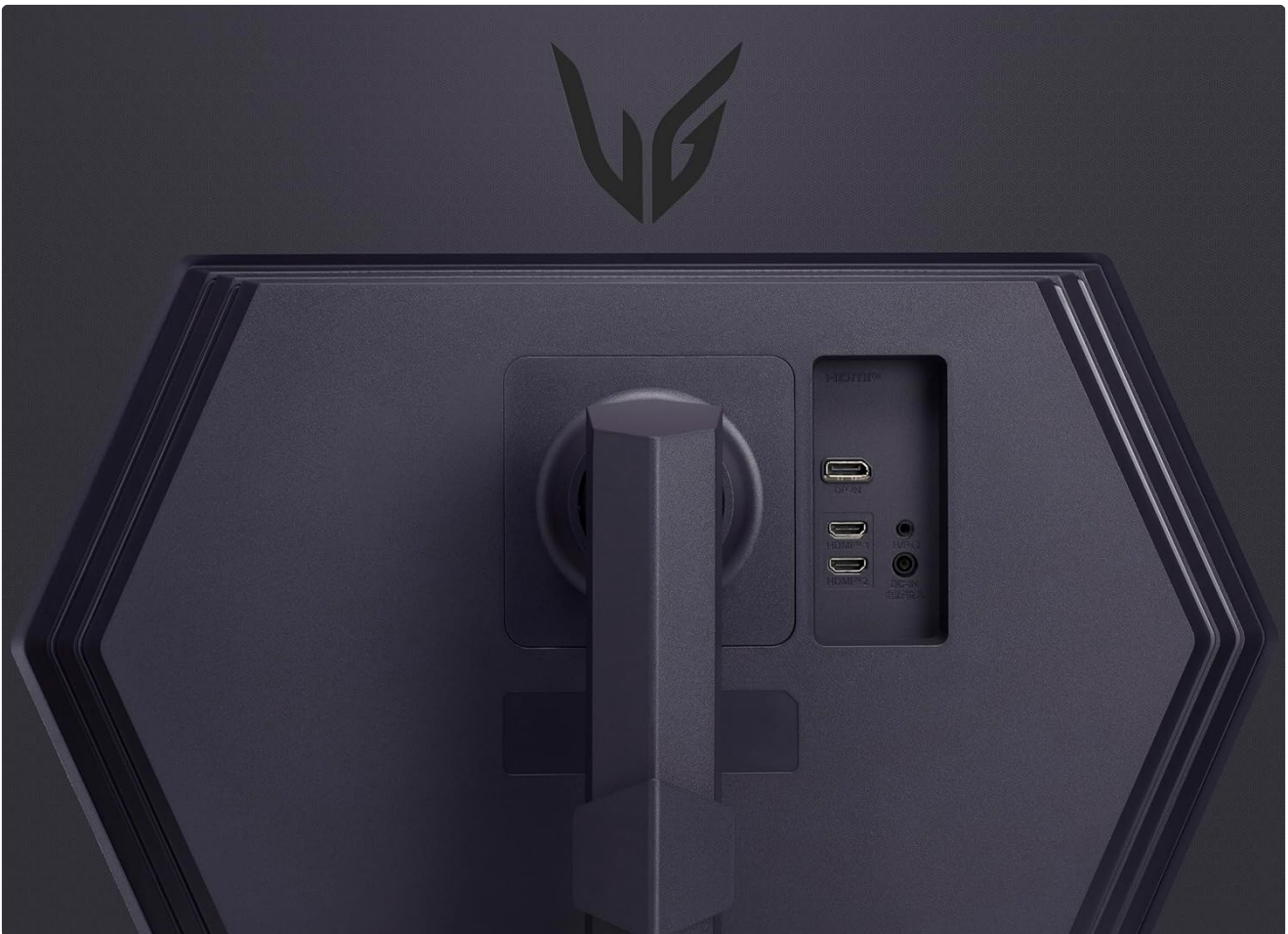


Figure 2.1: Rear view of the LG UltraGear monitor, highlighting the HDMI and DisplayPort inputs, along with audio output ports.

## 3. OPERATING THE MONITOR

### 3.1. Power On/Off

Press the joystick button located at the bottom center of the monitor to power it on or off.

### 3.2. On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various monitor settings. Press the joystick button to access the main menu. Navigate using the joystick (up/down/left/right) and press to select.

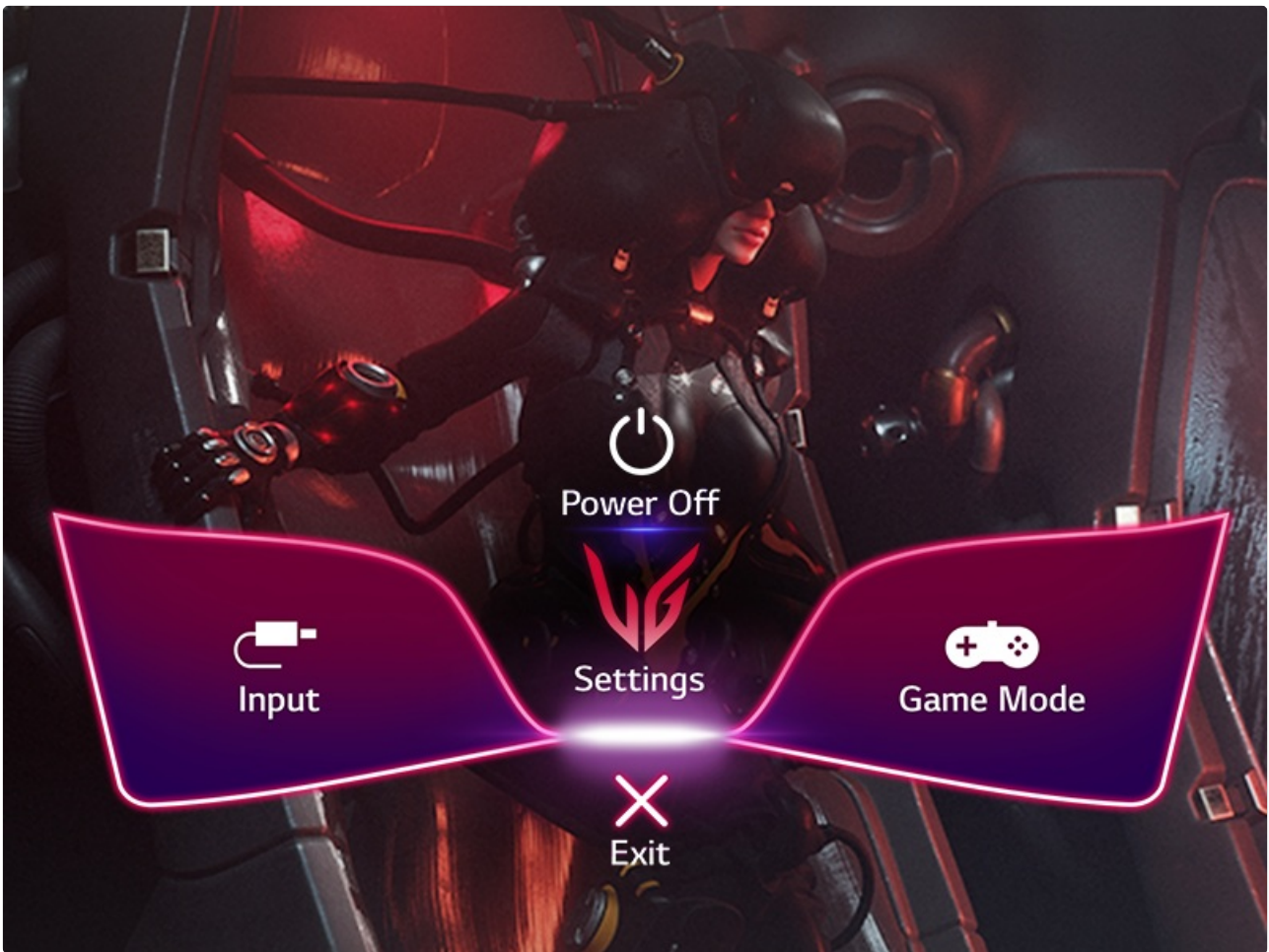


Figure 3.1: Illustration of the LG UltraGear On-Screen Display (OSD) menu, showing options for Power Off, Input selection, Settings, and Game Mode.

### Key OSD Settings:

- **Game Mode:** Optimize display settings for different game genres (e.g., FPS, RTS).
- **Picture:** Adjust brightness, contrast, sharpness, and color temperature.
- **Input:** Select the active input source (HDMI1, HDMI2, DisplayPort).
- **General:** Access language settings, OSD transparency, and power-saving options.

## 3.3. Gaming Features

Your LG UltraGear monitor is equipped with advanced features to enhance your gaming experience.

### 3.3.1. High Refresh Rate (180Hz) & 1ms GtG Response Time

Experience incredibly smooth gameplay with a 180Hz refresh rate and a rapid 1ms Gray-to-Gray (GtG) response time, minimizing motion blur and ghosting.



Figure 3.2: Visual comparison demonstrating the difference between a standard refresh rate (left, showing blur) and the smooth motion provided by a 180Hz refresh rate (right).

### 3.3.2. NVIDIA G-SYNC Compatible & AMD FreeSync

These technologies synchronize the monitor's refresh rate with your graphics card's frame rate, virtually eliminating screen tearing and stuttering for fluid gameplay.

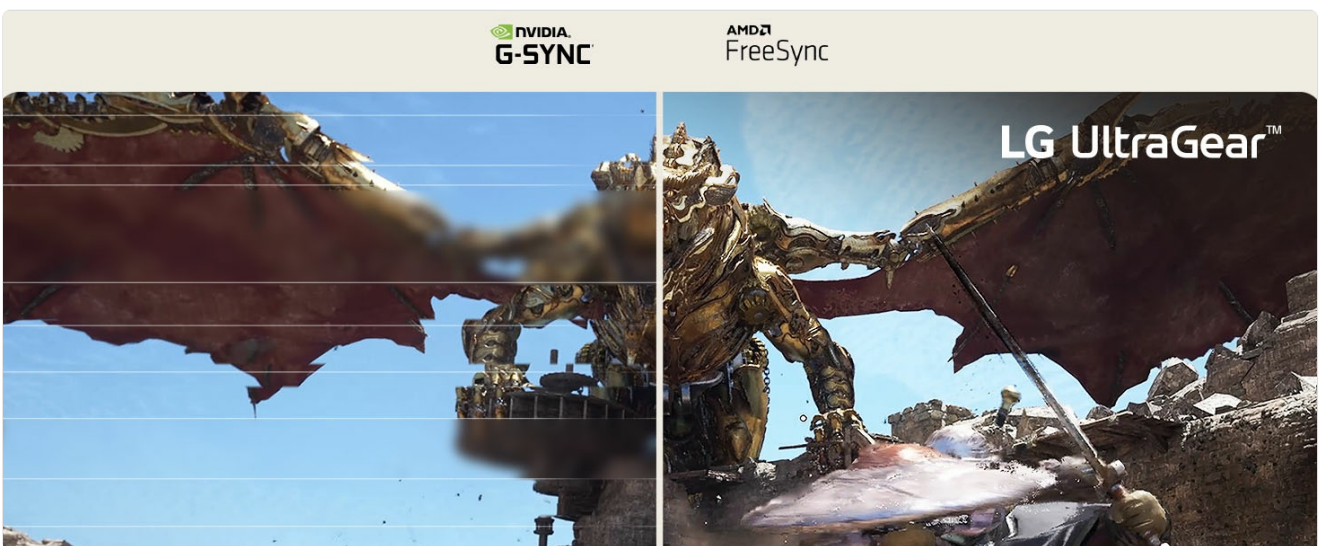


Figure 3.3: Comparison illustrating screen tearing (left) versus smooth, tear-free gameplay achieved with NVIDIA G-SYNC Compatible and AMD FreeSync technologies (right).

### 3.3.3. VESA DisplayHDR 400 & 99% sRGB

Enjoy vibrant colors and enhanced contrast with VESA DisplayHDR 400 certification and 99% sRGB color gamut coverage, bringing your games to life with stunning clarity.



**Figure 3.4:** Image representing the visual quality provided by VESA DisplayHDR 400 and 99% sRGB color accuracy, enhancing the gaming experience.

### 3.3.4. Dynamic Action Sync (DAS)

Minimize input lag with Dynamic Action Sync, allowing you to react to in-game action in real-time.



**Figure 3.5:** Side-by-side comparison illustrating the benefit of Dynamic Action Sync, showing reduced input lag for quicker reactions in games.

### 3.3.5. Black Stabilizer

Enhance visibility in dark areas of games, allowing you to spot enemies hiding in shadows.



**Figure 3.6:** Comparison showing the effect of Black Stabilizer, making dark in-game areas more visible without overexposing bright areas.

### 3.3.6. FPS Counter

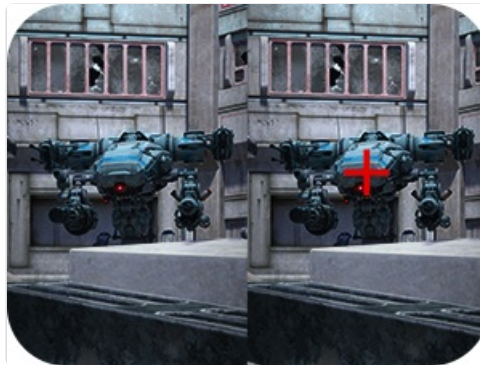
Display your frames per second (FPS) in real-time on the screen for performance monitoring.



**Figure 3.7:** Screenshot demonstrating the on-screen FPS Counter feature, providing real-time performance data.

### 3.3.7. Crosshair

Place a fixed crosshair in the center of the display for enhanced aiming precision in FPS games.



**Figure 3.8:** Comparison showing the Crosshair feature, which adds a virtual crosshair to the center of the screen for improved aiming.

## 3.4. Ergonomic Adjustments

The monitor stand allows for tilt, height, and pivot adjustments to optimize your viewing comfort.

- **Tilt:** Adjust the screen angle forward or backward.
- **Height:** Raise or lower the screen to your preferred eye level.
- **Pivot:** Rotate the screen to portrait or landscape orientation.

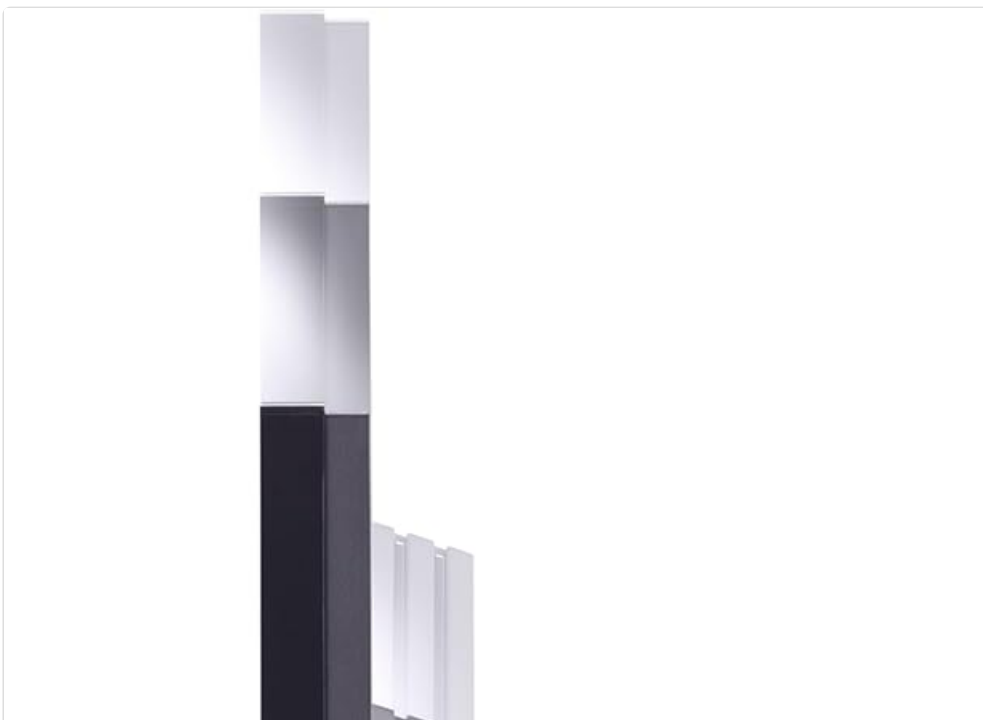




Figure 3.9: Side view of the LG UltraGear monitor demonstrating its height adjustment capabilities.





Figure 3.10: The LG UltraGear monitor shown in portrait orientation, demonstrating its pivot functionality.

## 4. MAINTENANCE

### 4.1. Cleaning the Monitor

To clean the 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 or abrasive materials. To clean the monitor casing, use a soft, dry cloth.

### 4.2. Storage

When storing the monitor for an extended period, disconnect it from power and store it in a cool, dry place, preferably in its original packaging to protect it from dust and physical damage.

## 5. TROUBLESHOOTING

Problem	Possible Cause	Solution
No Power	Power cable not connected or power outlet issue.	Ensure power cable is securely connected to monitor and outlet. Test outlet with another device.
No Signal	Input cable not connected or incorrect input selected.	Check DisplayPort/HDMI cable connection. Select correct input source via OSD menu.
Screen Tearing/Stuttering	G-SYNC/FreeSync not enabled or incompatible GPU.	Ensure G-SYNC/FreeSync is enabled in your graphics card control panel. Verify GPU compatibility.
Image is too dark/bright	Brightness/Contrast settings are incorrect.	Adjust Brightness and Contrast settings in the OSD menu.
Flickering Screen	Refresh rate mismatch or faulty cable.	Check refresh rate settings in your operating system. Try a different DisplayPort/HDMI cable.

## 6. SPECIFICATIONS

Feature	Specification
Model Name	32GS75Q-B.AUS
Screen Size	32 Inches
Panel Type	IPS
Resolution	2560 x 1440 (QHD)
Aspect Ratio	16:9
Refresh Rate	180Hz

Feature	Specification
Response Time	1 ms GtG (Gray-to-Gray)
HDR Support	VESA DisplayHDR 400, HDR10
Color Gamut	99% sRGB (Typical)
Adaptive Sync	NVIDIA G-SYNC Compatible, AMD FreeSync
Connectivity	2 x HDMI, 1 x DisplayPort, Headphone Out
Stand Adjustments	Tilt, Height, Pivot
Dimensions (WxHxD)	28.1 x 24.1 x 10 inches (with stand)
Weight	16.5 pounds (with stand)

## 7. WARRANTY AND SUPPORT

### 7.1. Warranty Information

LG provides a limited warranty for this product. Please refer to the warranty card included in your product packaging or visit the official LG website for detailed warranty terms and conditions specific to your region.

### 7.2. Customer Support

For technical assistance, troubleshooting, or service inquiries, please contact LG Customer Support. You can find contact information on the official LG website or in the support section of your product's page.

- **Online Support:** Visit [www.lg.com/us/support](http://www.lg.com/us/support)
- **Phone Support:** Refer to your regional LG website for local contact numbers.