LG 32GN600-B

LG Ultragear 32GN600-B QHD LED Monitor User Manual

Model: 32GN600-B

INTRODUCTION

Thank you for purchasing the LG Ultragear 32GN600-B QHD LED Monitor. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your monitor. Please read this manual thoroughly before using the product to ensure safe and optimal performance.

IMPORTANT SAFETY INFORMATION

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

- Do not open the monitor casing. There are no user-serviceable parts inside.
- Keep the monitor away from water and excessive moisture.
- Ensure proper ventilation; do not block ventilation openings.
- Use only the power adapter supplied with the monitor.
- Place the monitor on a stable, level surface.
- Unplug the monitor during lightning storms or when unused for long periods.

SETUP GUIDE

1. Unpacking

Carefully remove all components from the packaging. Ensure all items listed in the packing list are present.

2. Assembling the Stand

Attach the stand base to the stand neck, then secure the assembled stand to the monitor panel. Refer to the diagram below for proper assembly.

Dimensiones

71,47 cm

7,75 cm

51,51 cm

42,8 cm

22,48 cm

Ajustable en Inclinación (eje horizontal)

Figure: Monitor Dimensions and Stand Assembly. The stand allows for tilt adjustment along the horizontal axis.

3. Connecting Cables

Connect the necessary cables to your monitor and computer. The monitor supports HDMI and DisplayPort connections.

- **Power Cable:** Connect the power cable to the monitor and a power outlet.
- **DisplayPort (DP-IN):** For optimal performance, connect your computer to the monitor using a DisplayPort cable.
- **HDMI:** Alternatively, connect your computer using an HDMI cable. The monitor has two HDMI ports.
- **Mini Jack Audio:** Connect external speakers or headphones to the Mini Jack Audio port.

Conectividad

1x Display Port (DP-IN)	2x HDMI	1x Mini Jack Audio

Figure: Monitor Connectivity Ports. Includes DisplayPort, HDMI, and Mini Jack Audio.

4. Initial Power-On

Press the power button located on the bottom center of the monitor to turn it on. The monitor will automatically detect the input signal.

OPERATING INSTRUCTIONS

1. On-Screen Display (OSD) Controls

The monitor features an intuitive OSD joystick control located on the bottom center. Use this joystick to navigate the menu and adjust settings.

2. Key Features and Settings

The LG Ultragear 32GN600-B monitor offers several features to enhance your viewing and gaming experience:

- **QHD VA Panel (2560 x 1440 px):** Experience sharp and detailed visuals with the Quad HD resolution on a VA panel, offering excellent contrast.

Figure: VA QHD Panel. Displays a game scene with vibrant colors and high resolution.

- **165Hz Refresh Rate:** Enjoy fluid gaming motion with a high refresh rate, providing a smoother visual experience compared to standard 60Hz monitors.

Figure: 165Hz Refresh Rate. Demonstrates smoother visuals during fast-paced action.

- **1ms Motion Blur Reduction (MBR):** Achieve a rapid 1ms response time, allowing gamers to see fast action, obstacles, and opponents with minimal blur for a clear advantage.

1ms Máxima velocidad de respuesta con **Motion Blur Reduction**

Figure: 1ms Motion Blur Reduction. Enhances clarity in fast-moving scenes.

- **HDR10 with sRGB 95% (Typ.):** Supports HDR10, enabling realistic visual immersion with rich colors and contrast, allowing you to experience games as developers intended.

- **AMD FreeSync™ Premium:** Synchronizes the monitor's refresh rate with your graphics card's frame rate, eliminating screen tearing and stuttering for a smooth gaming experience.

Figure: AMD FreeSync™ Premium. Ensures smooth, tear-free gaming.

- **Dynamic Action Sync:** Minimizes input lag, allowing for real-time interaction without delay, crucial for fast-paced games.
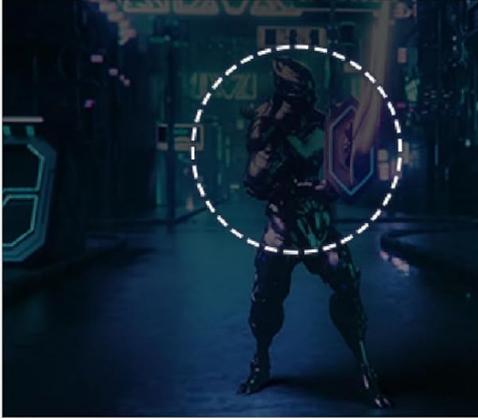
Figure: Dynamic Action Sync. Reduces input lag for responsive gameplay.

- **Black Stabilizer:** Enhances visibility in dark areas of games, allowing you to spot enemies hiding in shadows.

Black Stabilizer
Colores oscuros **más diferenciados**

Off   On

Figure: Black Stabilizer. Improves visibility in dark game environments.

- **Crosshair:** Places a fixed crosshair in the center of the screen, improving aiming accuracy in first-person shooter games.

＋ Crosshair (cruceta shooter)

Off   On

Figure: Crosshair Feature. Provides an on-screen aiming reticle.

MAINTENANCE

1. Cleaning the Screen

To clean the screen, gently wipe it with a soft, lint-free cloth. If necessary, use a screen cleaner specifically designed for monitors. Do not spray cleaner directly onto the screen.

2. General Care

- Avoid placing heavy objects on the monitor.
- Do not expose the monitor to direct sunlight or extreme temperatures.
- Keep the monitor free from dust by regularly wiping it with a dry, soft cloth.

TROUBLESHOOTING

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

Problem	Possible Solution
No Power	Ensure the power cable is securely connected to the monitor and a working power outlet. Check if the power indicator light is on.
No Signal	Verify that the video cable (HDMI or DisplayPort) is correctly connected to both the monitor and your computer. Ensure the correct input source is selected in the monitor's OSD menu.
Image Distortion / Flickering	Check the video cable for damage. Try a different cable or port. Ensure your graphics card drivers are up to date. Adjust refresh rate settings on your computer.
Colors are Incorrect	Adjust color settings (brightness, contrast, gamma) through the monitor's OSD menu. Ensure the correct color profile is selected on your computer.

If the problem persists after trying these solutions, please contact LG customer support for further assistance.

SPECIFICATIONS

Below are the technical specifications for the LG Ultragear 32GN600-B monitor:

Feature	Specification
Brand	LG
Model Number	32GN600-B
Screen Size	32 Inches
Resolution	QHD Wide 1440p (2560 x 1440)
Aspect Ratio	1.78:1
Refresh Rate	165 Hz
Response Time	1 Millisecond (MBR)

Feature	Specification
Display Type	LED (VA Panel)
Brightness	300 cd/m²
Contrast Ratio	3000:1
Viewing Angle	178 Degrees
Connectivity Technology	HDMI, DisplayPort
Total Number of HDMI Ports	2
Adaptive Sync	FreeSync Premium
Picture Quality Enhancement	HDR10
Item Dimensions (D x W x H)	8.85"D x 28.14"W x 20.28"H
Item Weight	17.6 Pounds
Power Consumption	45.9 Watts
Mounting Type	Wall Mount

WARRANTY INFORMATION

This product comes with a Limited Warranty. For detailed information regarding the warranty terms, conditions, and duration, please refer to the warranty card included in your product packaging or visit the official LG website.

CUSTOMER SUPPORT

For further assistance, technical support, or service inquiries, please visit the official LG Electronics website or contact their customer service department. You can find contact information and support resources on the LG website.