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LG 24GN65R

LG Ultragear IPS Gaming Monitor 24GN65R User Manual

Model: 24GN65R

1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your LG Ultragear IPS Gaming Monitor, model 24GN65R. Please read this manual thoroughly before operating the device and retain it for future reference.



Front view of the LG Ultragear IPS Gaming Monitor 24GN65R, showcasing its sleek design and display.

2. WHAT'S IN THE BOX

Verify that all components are present in the package:

- LG Ultragear IPS Gaming Monitor (24GN65R)
- Stand Base
- Stand Neck
- Power Cable
- HDMI Cable
- DisplayPort Cable
- Regulatory Information / User Manual (this document)



Image showing the monitor, power cable, and regulatory information included in the box.

3. SETUP INSTRUCTIONS

3.1 Monitor Assembly

1. Attach the stand neck to the monitor panel. Ensure it clicks securely into place.
2. Attach the stand base to the stand neck. Tighten the screw at the bottom of the base to secure it.



Side view of the monitor, illustrating the assembled stand.

3.2 Connecting to a Computer

Connect the monitor to your computer using the provided cables. Ensure the power cable is securely connected to the monitor and a power outlet.

- **DisplayPort:** For optimal gaming performance, connect the DisplayPort cable from your graphics card to the monitor's DisplayPort input.
- **HDMI:** Alternatively, connect an HDMI cable from your computer to the monitor's HDMI input.
- **Headphone Out:** Connect your headphones or external speakers to the headphone out port for audio.



Rear view of the monitor, highlighting the DisplayPort, HDMI, and Headphone Out ports.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off and OSD Menu

The monitor features a joystick button located at the bottom center for power control and On-Screen Display (OSD) menu navigation.

- **Power On:** Press the joystick button once.
- **Power Off:** Press and hold the joystick button for a few seconds.
- **OSD Menu:** Press the joystick button once to bring up the main menu. Use the joystick to navigate through options like Picture Mode, Game Adjust, Input, and General settings.

4.2 Ergonomic Adjustments

The monitor stand allows for various adjustments to optimize your viewing experience:

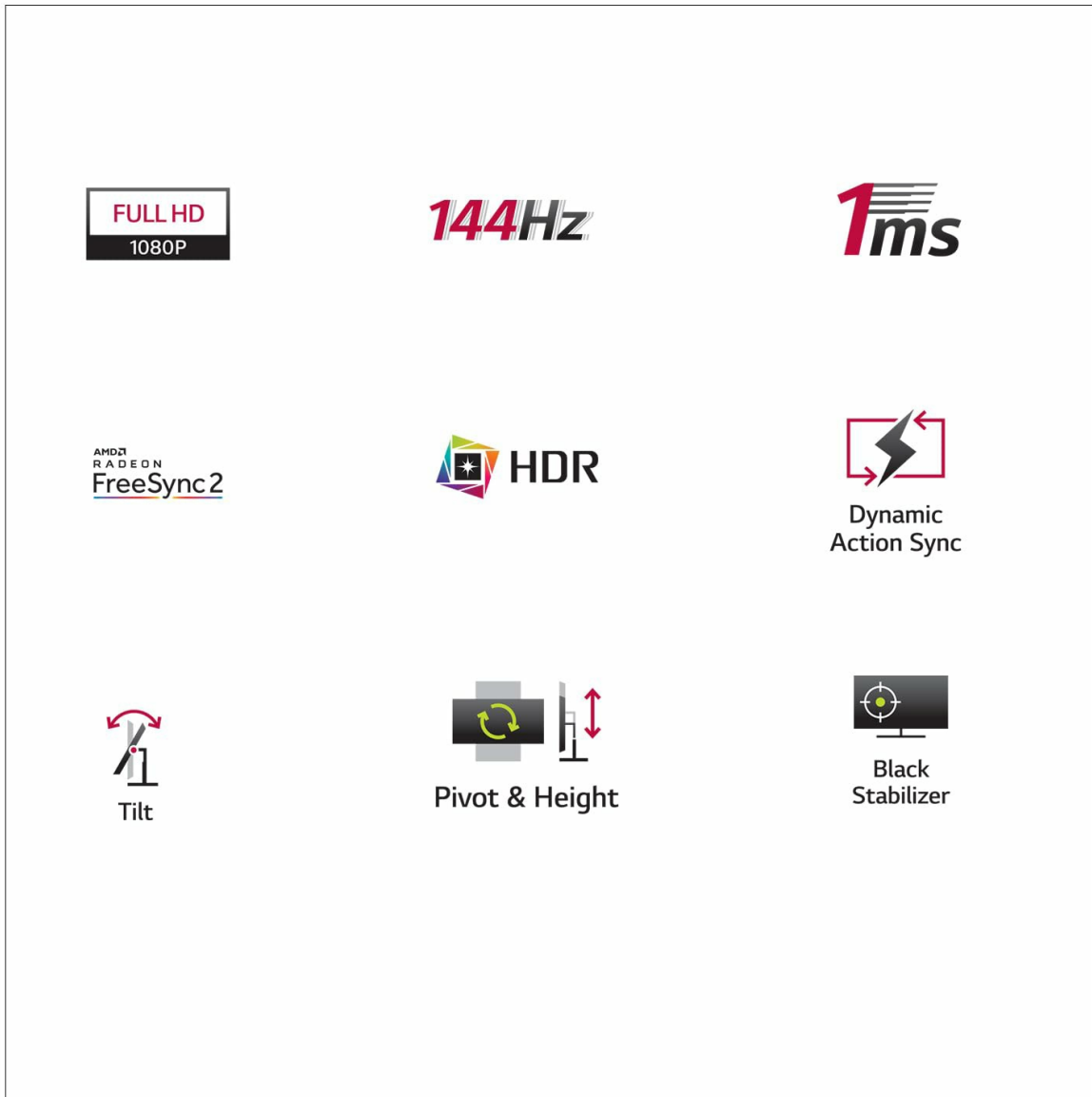
- **Height Adjustment:** Adjust the monitor's height to your preferred level.
- **Tilt Adjustment:** Tilt the screen forward or backward to find the most comfortable viewing angle.
- **Pivot Adjustment:** Rotate the screen 90 degrees for portrait mode viewing.



The monitor demonstrating its height adjustment capability.



The monitor demonstrating its pivot adjustment capability.



The monitor demonstrating its tilt adjustment capability.

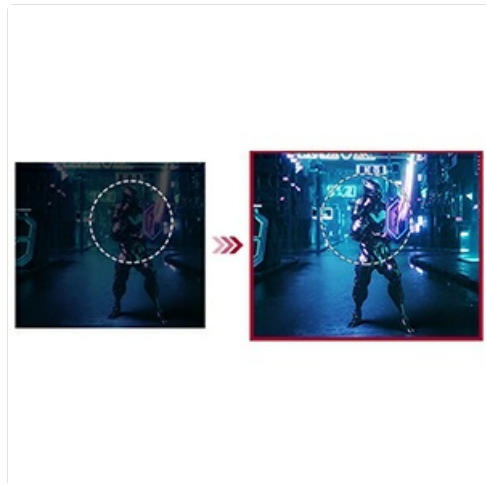
5. KEY FEATURES

The LG Ultragear 24GN65R monitor is designed with features to enhance your gaming and viewing experience:

- **24-inch Full HD IPS Display:** Enjoy vibrant colors and wide viewing angles (178 degrees) with a 1920 x 1080 resolution.
- **144Hz Refresh Rate:** Experience smooth and fluid motion in fast-paced games.
- **1ms (GTG) Response Time:** Minimize motion blur and ghosting for clear, crisp visuals.
- **AMD FreeSync Compatible:** Synchronizes the monitor's refresh rate with your graphics card to eliminate screen tearing and stuttering.
- **HDR10 with sRGB 99% (Typ.):** Delivers enhanced contrast and a wide color gamut for more realistic and immersive visuals.
- **Black Stabilizer:** Improves visibility in dark scenes, allowing you to spot enemies hiding in shadows.
- **Dynamic Action Sync:** Reduces input lag, providing a more responsive gaming experience.
- **Crosshair Feature:** Places a fixed crosshair in the center of the screen to enhance aiming accuracy in FPS games.



Icons representing key features: IPS 1ms, 144Hz Refresh Rate, and AMD FreeSync.





Icons representing Dynamic Action Sync, Black Stabilizer, and Crosshair features.

5.1 Product Overview Video

This video provides a general overview of the LG Ultragear IPS Gaming Monitor 24GN65R, highlighting its key specifications and features.

6. MAINTENANCE

To ensure the longevity and optimal performance of your monitor, follow these maintenance guidelines:

- **Cleaning the Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, lightly dampen the cloth with water or a specialized screen cleaner. Avoid using harsh chemicals or abrasive materials.
- **Cleaning the Casing:** Use a soft, dry cloth to clean the monitor's casing.
- **Ventilation:** Ensure the monitor's ventilation openings are not blocked to prevent overheating.
- **Power Off When Not in Use:** Turn off the monitor when not in use to save energy and extend its lifespan.

7. TROUBLESHOOTING

If you encounter issues with your monitor, refer to the following common troubleshooting steps:

- **No Power:** Check if the power cable is securely connected to both the monitor and the power outlet. Ensure the power outlet is functional.
- **No Signal:** Verify that the video cable (DisplayPort or HDMI) is correctly connected to both the monitor and your computer. Ensure the correct input source is selected in the OSD menu.
- **Flickering Screen:** Check the refresh rate settings on your computer. Ensure it matches the monitor's supported refresh rate (144Hz). Update your graphics card drivers.
- **Poor Picture Quality:** Adjust brightness, contrast, and color settings via the OSD menu. Ensure the monitor's resolution is set to its native 1920 x 1080.
- **Screen Tearing/Stuttering:** Ensure AMD FreeSync is enabled on both your monitor (via OSD) and your graphics card settings.

For persistent issues, contact LG customer support.

8. SPECIFICATIONS

Feature	Specification
Brand	LG
Model Number	24GN65R-B
Screen Size	24 Inches (60 cm)
Resolution	FHD 1920 x 1080
Display Type	IPS LCD
Refresh Rate	144 Hz
Response Time	1 Milliseconds (GTG)
Adaptive Sync	AMD FreeSync Compatible
Brightness	300 Candela (Nits)
Contrast Ratio	1000:1
Color Gamut	sRGB 99% (Typ.)
HDR Support	HDR 10
Viewing Angle	178 Degrees
Connectivity	1 x DisplayPort, 1 x HDMI, Headphone Out
Mounting Type	Desk Mount, VESA Wall Mount 100 x 100 compatible
Adjustments	Height Adjustment, Tilt Adjustment, Pivot Adjustment
Item Dimensions (D x W x H)	29.1D x 54.1W x 55.1H Centimeters
Item Weight	3.94 Kilograms

9. WARRANTY AND SUPPORT

Your LG Ultragear IPS Gaming Monitor 24GN65R comes with a standard manufacturer's warranty:

- **Warranty Type:** 3 Years Manufacturer Warranty
- **Warranty Description:** 3 Year Parts & Labor

For warranty claims, technical support, or service inquiries, please contact LG Electronics India Pvt. Ltd. using the information below:

- **Address:** A-24/6, Mohan Cooperative Industrial Estate, Mathura Road, New Delhi-110044
- **Email:** serviceindia@lge.com
- **Toll-Free Numbers:** 1800 315 9999 / 1800 180 9999
- **SMS:** 5757554



Image displaying LG India's contact details for customer support.