## LG 27GX700A-B

# LG 27GX700A-B 27-inch UltraGear QHD OLED Gaming Monitor User Manual

Model: 27GX700A-B

## IMPORTANT SAFETY INFORMATION

Please read all safety warnings and instructions carefully before using the monitor to prevent injury or damage. Keep this manual for future reference.

- Do not block ventilation openings.
- Use only attachments/accessories specified by the manufacturer.
- Refer all servicing to qualified service personnel.
- Disconnect the power plug during lightning storms or when unused for long periods.

## PACKAGE CONTENTS

Verify that all items are present in the package:

- Monitor
- Power Cable
- HDMI 2.1 Cable
- DisplayPort Cable
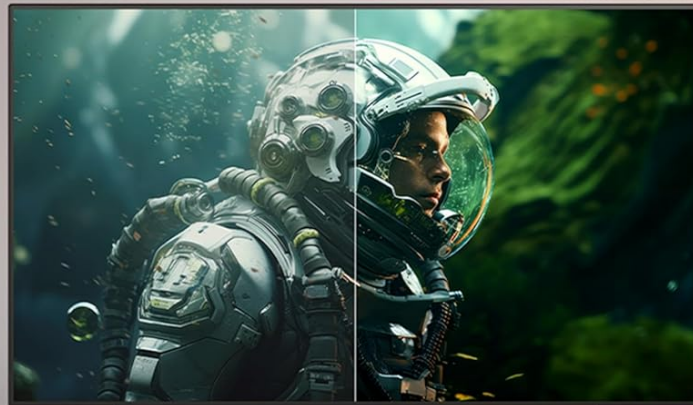- User Manual (this document)

## SETUP

### 1. Assembling the Stand

Attach the stand base to the stand neck, then attach the assembled stand to the monitor panel. Ensure all screws are tightened securely.

Image: Rear view of the LG 27GX700A-B monitor with its stand fully assembled and attached. The stand provides stability and allows for various adjustments.

## 2. Connecting Cables

Connect the power cable to the monitor and a power outlet. Use the provided HDMI 2.1 or DisplayPort cable to connect the monitor to your computer or gaming console. The monitor features multiple input ports for versatile connectivity.

Image: Close-up of the rear input panel of the LG 27GX700A-B monitor, showing HDMI 1, HDMI 2, DisplayPort, and USB 3.0 ports. This illustrates where to connect your video and peripheral devices.

## 3. Adjusting the Monitor Position

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

- **Height:** Adjust the monitor vertically to eye level.
- **Tilt:** Angle the screen up or down for comfortable viewing.
- **Swivel:** Rotate the screen horizontally.
- **Pivot:** Rotate the screen to a portrait orientation.

Image: Side view of the LG 27GX700A-B monitor demonstrating its height adjustment capability. The monitor can be moved up or down along the stand for ergonomic positioning.

## OPERATING THE MONITOR

### Power On/Off

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

### On-Screen Display (OSD) Menu

Access the OSD menu using the joystick button on the bottom center of the monitor to adjust settings such as brightness, contrast, color, and gaming features.

Image: The LG 27GX700A-B monitor displaying its On-Screen Display (OSD) menu, specifically showing game adjustment options like brightness, peak brightness, contrast, and sharpness. This interface allows users to customize their viewing experience.

## Gaming Features

- **Refresh Rate:** Up to 280Hz for smooth motion.
- **Response Time:** 0.03ms (GtG) for minimal ghosting.
- **Adaptive Sync:** Supports NVIDIA G-SYNC Compatible and AMD FreeSync Premium Pro for tear-free gaming.
- **Black Stabilizer:** Adjusts dark areas to reveal details in shadows.
- **Crosshair:** Provides an on-screen crosshair for improved aiming in games.
- **Dynamic Action Sync (DAS):** Minimizes input lag.
- **FPS Counter:** Displays the current frame rate on screen.

Your browser does not support the video tag.

Video: Demonstrates LG UltraGear Gaming Monitors featuring AMD FreeSync Premium Pro. This video illustrates how FreeSync technology eliminates screen tearing and stuttering for a smoother gaming experience.

Your browser does not support the video tag.

## LG Switch App

The LG Switch app allows for easy optimization of your monitor settings for gaming or daily use. Adjust brightness, fine-tune image quality, apply settings with hotkeys, split the screen into layouts, and launch video calls. Download the latest version from LG.com.

Image: The LG 27GX700A-B monitor screen showing the LG Switch App interface, which offers various customization options for display modes, screen splitting, and quick access to settings. This app streamlines monitor management.

## MAINTENANCE

### Cleaning the Monitor

- Always unplug the monitor before cleaning.
- Use a soft, lint-free cloth slightly dampened with water or a mild, non-abrasive cleaner.
- Do not spray cleaner directly onto the screen.

### Pixel Care

OLED panels may be susceptible to temporary image retention or burn-in under certain conditions. To minimize this, avoid displaying static images for extended periods. Utilize screen savers and power-saving features.

## TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|---------|----------------|----------|
| No Power | Power cable not connected or power outlet not working. | Ensure power cable is securely connected. Test the power outlet with another device. |
| No Signal | Video cable not connected or incorrect input selected. | Check video cable connections. Select the correct input source via the OSD menu. |
| Screen Tearing/Stuttering | Adaptive Sync (G-SYNC/FreeSync) is not enabled or compatible. | Ensure Adaptive Sync is enabled in both monitor OSD and graphics card settings. Verify graphics card compatibility. |
| Image Retention/Burn-in | Static images displayed for extended periods. | Use screen savers, enable pixel shift, and utilize power-saving modes. Avoid static content for long durations. |

## SPECIFICATIONS

- **Model:** 27GX700A-B
- **Screen Size:** 26.5 Inches (27-inch class)
- **Panel Type:** OLED
- **Resolution:** QHD (2560 x 1440)
- **Refresh Rate:** Up to 280Hz

- **Response Time:** 0.03ms (GtG)
- **Aspect Ratio:** 16:9
- **Brightness:** Up to 1500 nits (peak)
- **Color Gamut:** DCI-P3 99.5%
- **HDR Support:** VESA DisplayHDR True Black 500
- **Adaptive Sync:** NVIDIA G-SYNC Compatible, AMD FreeSync Premium Pro
- **Connectivity:** 2x HDMI 2.1, 1x DisplayPort 1.4, 3x USB 3.0
- **Audio:** DTS Headphone:X support, 4-pole headphone jack
- **Adjustments:** Height, Tilt, Swivel, Pivot
- **Weight:** 19.8 pounds (with stand)
- **Dimensions (WxHxD):** 9.8 x 23.8 x 22.8 inches (with stand)

## WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or visit the official LG website. For technical support, driver downloads, or service inquiries, please visit LG.com or contact LG customer service.