

LG 27UD68-W

LG 27UD68-W 27-Inch 4K UHD IPS Monitor User Manual

Model: 27UD68-W | Brand: LG

INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your LG 27UD68-W 27-inch 4K UHD IPS Monitor. This monitor features a 4K UHD resolution (3840 x 2160) IPS display, offering precise color accuracy with over 99% sRGB coverage. It includes AMD FreeSync technology for smoother visuals and various gaming features such as Black Stabilizer and Game Mode. The monitor also supports On-Screen Control with screen split functionality.

WHAT'S IN THE BOX

Verify that all components are present before proceeding with assembly and setup:

- Monitor Display
- Monitor Base
- Power Cord
- HDMI Cable
- DisplayPort Cable
- Driver CD & Manual

SETUP

1. Assembling the Stand

To assemble the monitor stand:

1. Place the monitor base on a flat, stable surface.
2. Attach the stand arm to the base, aligning the screw hole.
3. Secure the arm to the base using the provided thumb screw.

4. Carefully attach the assembled stand to the back of the monitor display, ensuring it clicks into place.
5. Insert the decorative white plastic piece into the back of the stand arm for a finished look.



Figure 1: Front view of the LG 27UD68-W monitor.

2. Connecting Cables

Connect the necessary cables to the monitor and your computer:

- **Power:** Connect the power cord to the monitor's DC-IN port and then to a power outlet.
- **Video Input:** Connect either an HDMI cable (HDMI IN 1 or HDMI IN 2) or a DisplayPort cable (DP-IN) from your computer's graphics card to the corresponding port on the monitor.
- **Audio Output:** If desired, connect headphones or external speakers to the H/P (headphone) jack.

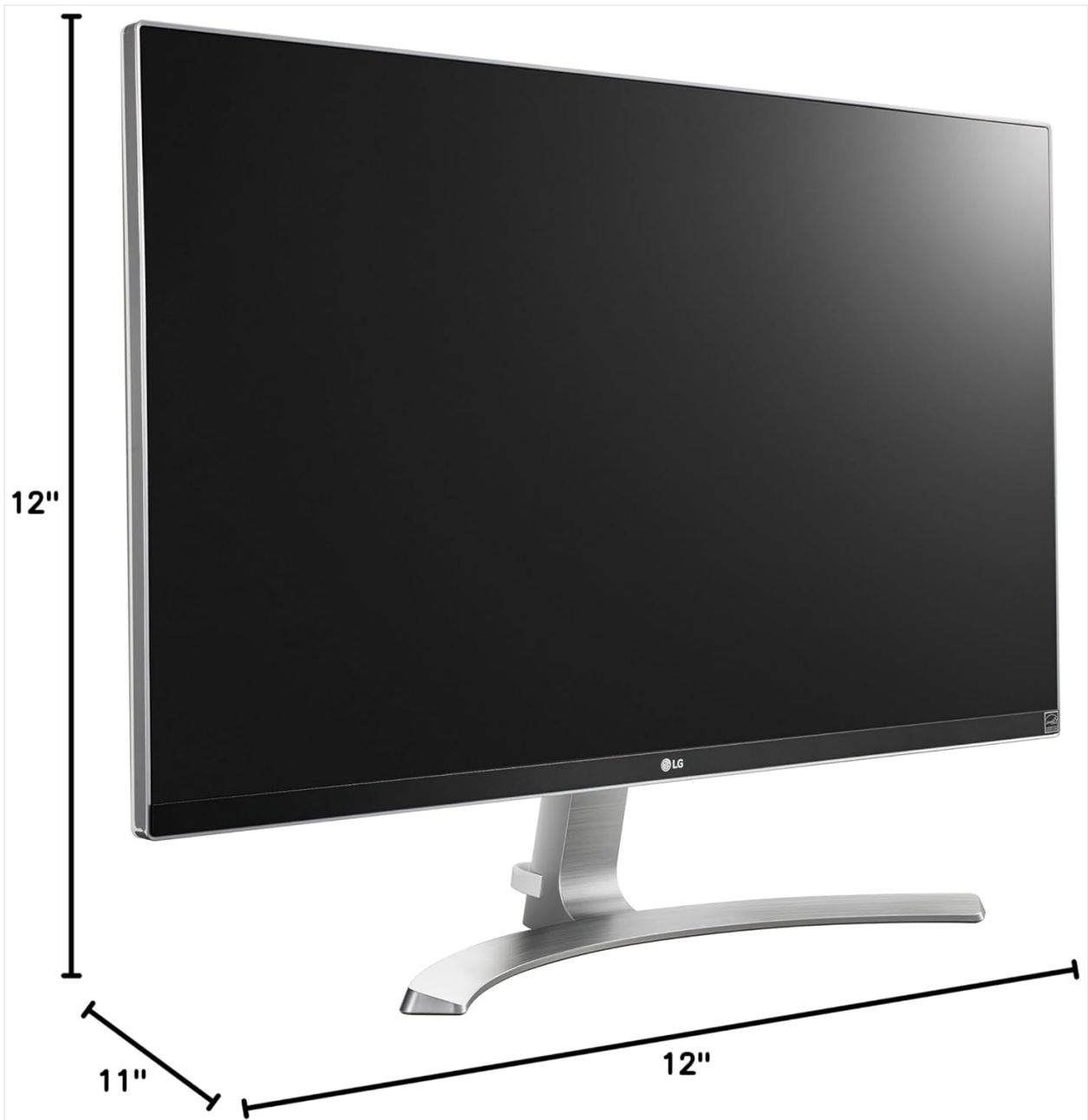


Figure 2: Side view of the LG 27UD68-W monitor with dimensions.

3. Cable Management

Utilize the integrated cable management clip on the stand arm to organize your cables for a tidy workspace.

OPERATING THE MONITOR

1. On-Screen Display (OSD) Controls

The monitor features a joystick control located on the bottom center for navigating the On-Screen Display (OSD) menu. This joystick allows for intuitive adjustment of various settings.

2. Picture Modes and Adjustments

The OSD menu provides access to several picture modes and fine-tuning options:

- **Brightness & Contrast:** Adjust these settings to suit your viewing environment.
- **Picture Modes:** Select from preset modes like Custom, Reader, Photo, Cinema, sRGB, or specific Game modes (FPS Game 1, FPS Game 2, RTS Game).
- **Sharpness:** Enhance image clarity.

- **Black Level:** Adjust the black levels for deeper blacks or to reveal more detail in dark scenes.
- **Color Temperature:** Modify the overall color warmth or coolness.
- **Six Color Adjustment:** Fine-tune individual color components (Red, Green, Blue, Cyan, Magenta, Yellow) for precise color calibration.

3. AMD FreeSync

This monitor supports AMD FreeSync technology, which synchronizes the monitor's refresh rate with your AMD graphics card's frame rate. This helps to eliminate screen tearing and stuttering, providing a smoother gaming experience.

4. On-Screen Control with Screen Split

Install the LG On-Screen Control software (available on the included CD or LG's website) to manage monitor settings directly from your desktop. The Screen Split feature allows you to arrange multiple windows on your screen for enhanced multitasking.

5. Picture-in-Picture (PIP)

The monitor supports Picture-in-Picture functionality, allowing you to display content from two different input sources simultaneously.

MAINTENANCE

To ensure the longevity and optimal performance of your LG 27UD68-W 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:** Always power off the monitor and unplug it from the power outlet before cleaning or if it will be unused for an extended period.

TROUBLESHOOTING

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

- **No Power:** Check if the power cord is securely connected to both the monitor and the power outlet. Ensure the power outlet is functioning.
- **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 OSD menu.
- **Flickering Screen:** Check the video cable connection. Ensure your graphics card drivers are up to date. If using FreeSync, ensure it is enabled in both the monitor's OSD and your graphics card settings.
- **Incorrect Resolution:** Adjust the display resolution in your computer's operating system settings to 3840 x 2160.
- **Color Issues:** Reset the picture settings to default in the OSD menu. Adjust color temperature or individual color settings as needed.
- **Stand Wobble:** Ensure all stand assembly screws are tightened. If using a VESA mount, ensure it is securely attached.

For further assistance, consult the full electronic manual on the provided CD or visit the LG support website.

SPECIFICATIONS

Feature	Specification
Standing Screen Display Size	27 Inches
Screen Resolution	3840x2160 (4K UHD)
Max Screen Resolution	3840 x 2160 Pixels
Panel Type	IPS
sRGB Coverage	Over 99 percent
AMD FreeSync	Yes
Brightness	350 cd/m2
Aspect Ratio	16:9
Screen Surface Description	Anti-glare, Hard coating (3H)
Inputs/Outputs	1x DisplayPort (ver1.2), 2x HDMI (2.0), 2x USB 2.0 Ports, 1x Headphone Out, DC-IN
Item Weight	10.8 pounds
Product Dimensions	24.2 x 7.3 x 17.9 inches
Voltage	100~240 Volt, 50/60 Hertz
Color	Silver/White

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the warranty card included with your product or visit the official LG website. You can find detailed support resources, driver downloads, and contact information for customer service.

LG Official Website: <https://www.lg.com/us/support>