LG 27UD68-P

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

Model: 27UD68-P

Introduction

This manual provides detailed instructions for the setup, operation, and maintenance of your LG 27UD68-P 27-Inch 4K UHD IPS Monitor. Please read this manual thoroughly before using the product to ensure proper and safe operation.
The LG 27UD68-P is a 27-inch monitor featuring 4K UHD (3840 x 2160) resolution, an IPS panel for wide viewing angles and accurate color reproduction, and AMD FreeSync technology for a smooth gaming experience. It boasts sRGB over 99% color gamut and convenient On-Screen Control with Screen Split functionality.

Setup

1. Unpacking the Monitor

Carefully remove all components from the packaging. The box should contain the monitor panel, power cord, stand components, HDMI cable, CD (for drivers/software), ESG (Easy Setup Guide), and a cable holder.

2. Assembling the Stand

Attach the stand base to the stand neck, then secure the assembled stand to the back of the monitor panel. Ensure all screws are tightened appropriately. While the stand provides stability, it offers limited adjustability, primarily tilt. For more versatile positioning, the monitor supports VESA mounting (100x100mm) for use with compatible third-party monitor arms or wall mounts.

3. Connecting Cables

1. **Power Connection:** Connect the power cord to the monitor's power input and then to a power outlet.
2. **Video Connection:**
   - For 4K UHD resolution at 60Hz, use either the supplied HDMI cable (ensure your graphics card supports HDMI 2.0) or a DisplayPort cable.
   - Connect one end of the video cable to the corresponding port on your computer's graphics card and the other end to the monitor's input port (DisplayPort or HDMI).
3. **Audio Connection (Optional):** If you wish to use external speakers or headphones, connect them to the monitor's headphone

jack. The monitor itself does not have built-in speakers.

4. Initial Power-On

Press the power button (often a joystick-style button located on the bottom center of the monitor) to turn on the display. Your computer should detect the monitor automatically. If not, you may need to adjust display settings in your operating system.



Figure 1: Front view of the LG 27UD68-P monitor in operation.

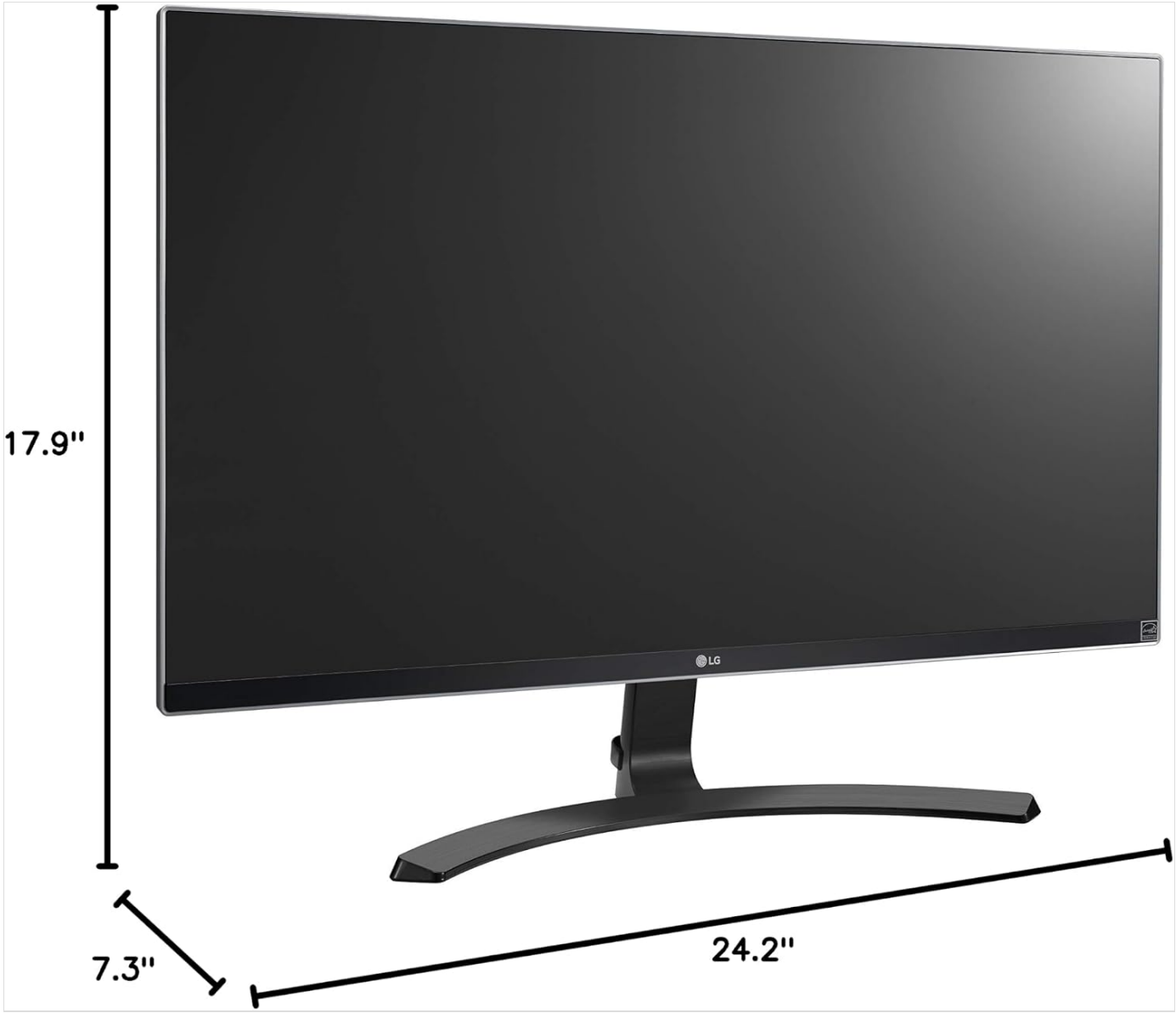


Figure 2: Physical dimensions of the LG 27UD68-P monitor.

Operating the Monitor

1. On-Screen Control (OSC)

The monitor features an intuitive joystick-style button located on the bottom center, just behind the LG logo. This single button allows you to navigate the On-Screen Display (OSD) menu to adjust various settings.

- Press the joystick button to open the main OSD menu.
- Move the joystick up/down/left/right to navigate through menu options.
- Press the joystick again to select an option or confirm a setting.

2. Key Features and Settings

- **Resolution:** The monitor supports 4K UHD (3840 x 2160) resolution. Ensure your computer's display settings are configured to this resolution for optimal clarity.
- **Color Settings:** The IPS panel provides sRGB over 99% color accuracy. You can fine-tune color temperature, gamma, and other parameters through the OSD menu to suit your preferences or professional needs.
- **Screen Split:** Utilize the On-Screen Control software (available from LG's website) to enable the Screen Split feature, allowing you to arrange multiple windows efficiently on the large 4K display.

- **FreeSync:** For compatible AMD graphics cards, enable FreeSync in both the monitor's OSD menu and your graphics card's control panel. This technology synchronizes the monitor's refresh rate with the GPU's frame rate, reducing screen tearing and stuttering in games.
- **Input Selection:** Easily switch between DisplayPort and HDMI inputs using the OSD menu.

Maintenance

Cleaning the Monitor

- Always unplug the monitor from the power outlet before cleaning.
- Use a soft, lint-free cloth slightly dampened with water or a specialized screen cleaner.
- Do not spray cleaning solutions directly onto the screen or frame.
- Avoid using abrasive cleaners, waxes, or solvents as they can damage the display surface.

Troubleshooting

- **Monitor does not wake from sleep:** If the monitor fails to display an image after your computer wakes from sleep, try unplugging and re-plugging the video cable (HDMI or DisplayPort) from both the monitor and the computer. Ensure your graphics drivers are up to date.
- **Backlight Bleeding:** While generally uncommon for this model, minor backlight bleeding might be visible, especially in dark environments or with dark content. If you observe significant or distracting backlight bleeding, contact LG customer support.
- **No Sound/USB Ports:** Please note that the LG 27UD68-P monitor does not include built-in speakers or USB ports. Audio output is available via the headphone jack.
- **Driver Installation:** After connecting the monitor, it is recommended to install the latest drivers from the included CD or LG's official website. This ensures proper recognition by your operating system and allows access to all display options, including 60Hz refresh rate at 4K UHD.
- **Image Quality Issues:** If the image appears blurry or incorrect, verify that your computer's display resolution is set to 3840 x 2160. Check cable connections for looseness or damage.

Specifications

Feature	Detail
Brand	LG
Model Number	27UD68-P
Screen Size	27 Inches
Screen Resolution	3840 x 2160 Pixels (4K UHD)
Panel Type	IPS
Aspect Ratio	1.78:1
Color Gamut	sRGB over 99%
Adaptive Sync Technology	FreeSync
Screen Surface Description	Anti-glare, Hard coating (3H)

Feature	Detail
Connectivity	1x DisplayPort, 2x HDMI
Audio Output	Headphone Jack
Item Weight	10.8 pounds
Product Dimensions (LxWxH)	24.2 x 7.3 x 17.9 inches
Color	Black
Manufacturer	LG Electronics
First Available Date	February 1, 2016

Warranty Information

Specific warranty terms and conditions for the LG 27UD68-P monitor are provided with the product at the time of purchase. Please refer to the warranty card included in your product packaging or visit the official LG website for detailed information regarding warranty coverage, duration, and service procedures. Keep your proof of purchase for warranty claims.

Customer Support

For technical assistance, troubleshooting beyond this manual, or service inquiries, please contact LG Customer Support. You can find contact information (phone numbers, email, chat support) on the official LG Electronics website for your region.
When contacting support, please have your monitor's model number (27UD68-P) and serial number ready.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question