LG 27US550-W

LG 27US550-W 27-inch 4K UHD UltraFine IPS Monitor Instruction Manual

Model: 27US550-W

1. INTRODUCTION

This manual provides essential information for setting up, operating, and maintaining your LG 27US550-W 27-inch 4K UHD UltraFine IPS Monitor. Please read this manual thoroughly before using the product to ensure proper and safe operation. Keep this manual for future reference.

Figure 1: Front view of the LG 27US550-W monitor.

2. WHAT'S IN THE BOX

Verify that all components are present in the package:

- LG 27-inch 4K UHD UltraFine IPS Monitor (Model: 27US550-W)
- Monitor Stand and Base
- Power Cable
- 1.5m HDMI Cable
- User Manual / Quick Start Guide
- VESA Screws (for optional wall mounting)
- 2x Deco Gear 6FT Universal 4K HDMI 2.0 Cable with 28AWG Pure Copper Conductors
- Tech Smart USA Elite Suite 18 Standard Editing Software Bundle

Figure 2: Contents of the LG 27US550-W monitor package.

3. SETUP

3.1. Monitor Assembly

The monitor stand and base are designed for tool-free assembly. Simply attach the stand to the base, then secure the assembled stand to the back of the monitor until it clicks into place.

Figure 3: Assembled LG 27US550-W monitor on its stand.

3.2. Video Connections

Connect your computer or other devices to the monitor using the appropriate cables. The LG 27US550-W features multiple input options:

- **HDMI 2.0:** For high-definition video and audio. Two HDMI ports are available.
- **DisplayPort 1.4:** For high-resolution video and audio.
- **USB-A 2.0:** For connecting peripheral devices.
- **Audio Out:** For connecting external speakers or headphones.

Your browser does not support the video tag. Please update your browser.

Video 1: This video demonstrates the general steps for connecting video and power cables to a monitor. Note that the specific monitor model shown in the video may differ from your LG 27US550-W, but the connection principles are similar.

3.3. Power Connection

Connect the power cord to the monitor's DC-IN port and then plug the other end into a power outlet.

4. OPERATING THE MONITOR

4.1. Power On/Off

Press the power button, usually located on the bottom or back of the monitor, to turn it on or off.

4.2. Display Features

- **4K UHD (3840x2160) IPS Display:** Experience stunning visual clarity and vibrant colors with a sharp resolution.
- **HDR10 & DCI-P3 90% (Typ.):** Enjoy brilliant, cinematic visuals with enhanced brightness up to 300 nits and accurate color reproduction for realistic depth and detail.
- **3-side Virtually Borderless Design:** Maximizes screen space and minimizes distractions, ideal for multi-monitor setups.

4.3. Ergonomic Adjustments

Customize your viewing experience for optimal comfort and productivity:

- **Tilt:** Adjust the screen angle forward or backward.
- **Height:** Raise or lower the monitor to eye level.
- **Swivel:** Rotate the screen horizontally.
- **Pivot:** Rotate the screen vertically for portrait mode.

Figure 4: LG 27US550-W monitor adjusted to portrait orientation.

4.4. LG Switch App

Utilize the LG Switch app to optimize your workflow. This application allows you to:

- Divide the display into up to 6 sections for efficient multitasking.
- Change theme designs.
- Launch video call platforms with mapped hotkeys.

5. MAINTENANCE

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

- **Cleaning:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, use a screen-cleaning solution specifically designed for monitors. Avoid harsh chemicals or abrasive materials.
- **Ventilation:** Ensure the monitor's ventilation openings are not blocked to prevent overheating.
- **Storage:** When not in use for extended periods, store the monitor in a cool, dry place away from direct sunlight and extreme temperatures.

6. 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 (HDMI, DisplayPort) is correctly connected to both the monitor and your computer. Ensure the correct input source is selected on the monitor.
- **Flickering Screen:** Check the video cable for damage or loose connections. Try adjusting the refresh rate in your computer's display settings.
- **Incorrect Colors:** Reset the monitor to factory settings via the On-Screen Display (OSD) menu. Ensure your computer's graphics drivers are up to date.
- **Sound Issues:** If using the monitor's audio output, ensure external speakers/headphones are properly connected and selected as the output device on your computer.

For further assistance, consult the full user manual or contact LG customer support.

7. SPECIFICATIONS

Feature	Specification
Model Number	27US550-W
Screen Size	27 Inches
Resolution	3840 x 2160 Pixels (4K UHD 2160p)
Aspect Ratio	16:9
Panel Type	IPS
HDR Support	HDR10
Color Gamut	DCI-P3 90% (Typical)
Image Brightness	300 nits
Screen Surface	Matte
Product Dimensions	24.15 x 9.97 x 21.23 inches
Item Weight	7.3 pounds
Manufacturer	LG

8. WARRANTY AND SUPPORT

Your LG 27US550-W monitor comes with a **LG 1 Year Limited Protection**. Additionally, this bundle includes a **Deco Gear CPS Exclusive 26 Months Premium Extended Service Protection Plan**, which covers accidental damage and burn-in.

For warranty claims or technical support, please refer to the contact information provided in your product documentation or visit the official LG support website.