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› [LG 27U631A-B 27-inch QHD IPS Computer Monitor User Manual](#)

LG 27U631A-B

LG 27U631A-B 27-inch QHD IPS Computer Monitor User Manual

Model: 27U631A-B | Brand: LG

1. INTRODUCTION

This manual provides essential information for setting up, operating, and maintaining your LG 27U631A-B 27-inch QHD (2560x1440) IPS Computer Monitor. Designed for both productivity and entertainment, this monitor features a 100Hz refresh rate, 5ms response time, HDR10 support, and USB Type-C connectivity with 15W power delivery. It offers vivid visuals, smooth motion, and eye-care features for comfortable extended use.

2. WHAT'S IN THE BOX

Upon unpacking, please ensure all the following items are present:

- Monitor
- Power Cable
- HDMI Cable

LG Monitor Best Monitor Brand



"Readers' Choice
best monitor lineup
for gamers and
those demanding
high-quality
performance"

Contents of the LG 27U631A-B monitor packaging, including the monitor, power cable, and HDMI cable.

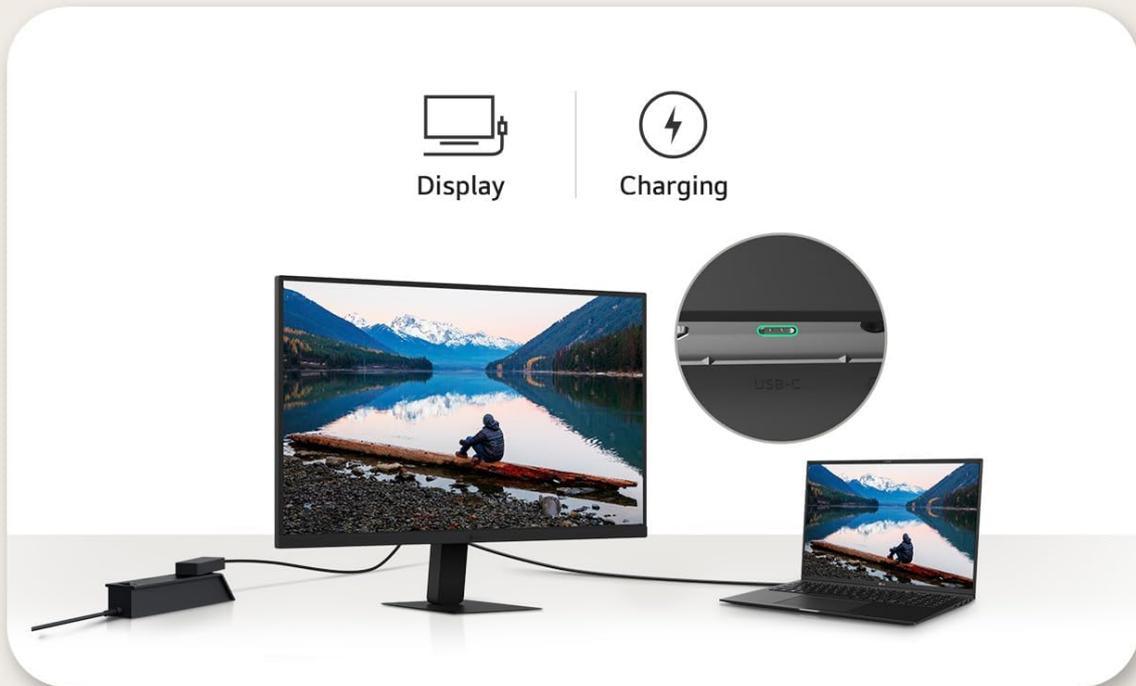
3. SETUP

3.1 Physical Assembly

Carefully remove all components from the packaging. Attach the stand to the monitor following the instructions provided in the Quick Setup Guide. Ensure the stand is securely fastened before placing the monitor on a stable surface.

LG Monitor

USB Type-C connectivity



Side view of the LG 27U631A-B monitor with its stand assembled, ready for use.

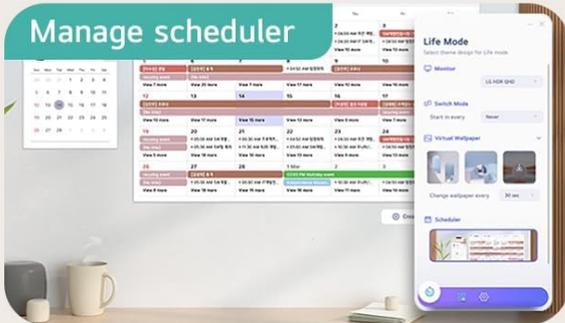
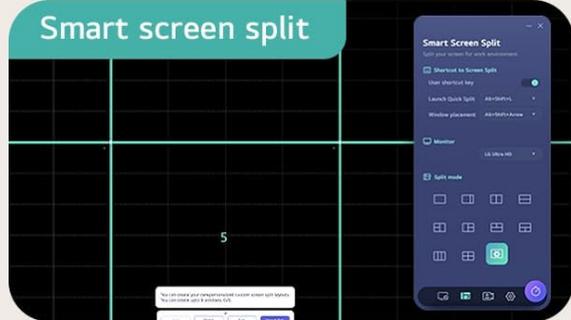
3.2 Connecting to Your Device

The LG 27U631A-B monitor offers multiple connectivity options:

- **HDMI Connection:** Use the provided HDMI cable to connect your computer or other device to one of the HDMI ports on the monitor.
- **USB Type-C Connection:** For compatible devices, use a USB Type-C cable to connect. This single connection can provide display, data transfer, and up to 15W power delivery.

LG Monitor

LG Switch App



*To download the latest version of the LG Switch app, visit LG.com.

Rear view of the LG 27U631A-B monitor, highlighting the various input ports including HDMI and USB Type-C.



Diagram illustrating USB Type-C connectivity for display and power delivery to a laptop.

3.3 Power On

Connect the power cable to the monitor and a power outlet. Press the power button, usually located on the bottom center of the monitor, to turn it on.

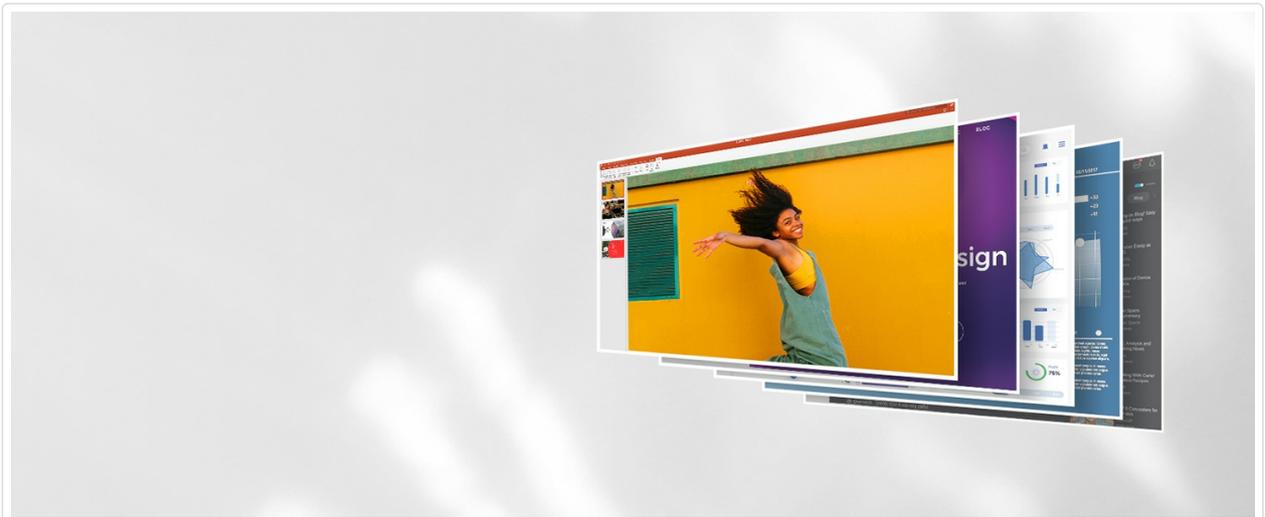
4. OPERATING INSTRUCTIONS

4.1 Display Features

- **QHD (2560x1440) IPS Display:** Experience exceptional picture quality with vivid and vibrant visuals, even at wider viewing angles.
- **100Hz Refresh Rate & 5ms (GTG) Response Time:** Enjoy smoother motion and fluid visuals, beneficial for scrolling, editing, and gaming.
- **HDR10 Support:** Enhances picture quality with improved contrast and color depth, making content visually pop.
- **Reader Mode:** Reduces blue light emission to help minimize eye fatigue during extended viewing sessions.
- **Flicker Safe:** Minimizes screen flicker to provide a more comfortable viewing experience.



Image showing the wide viewing angles of the IPS panel, indicating 178-degree visibility.



A monitor displaying business graphics, emphasizing the 100Hz IPS feature for smooth visuals.

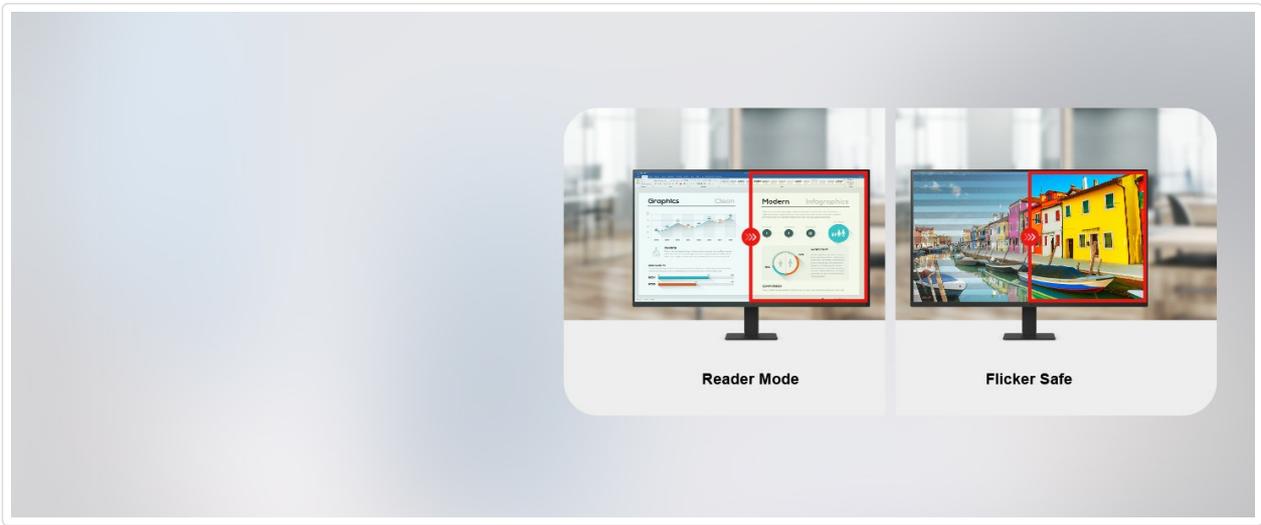


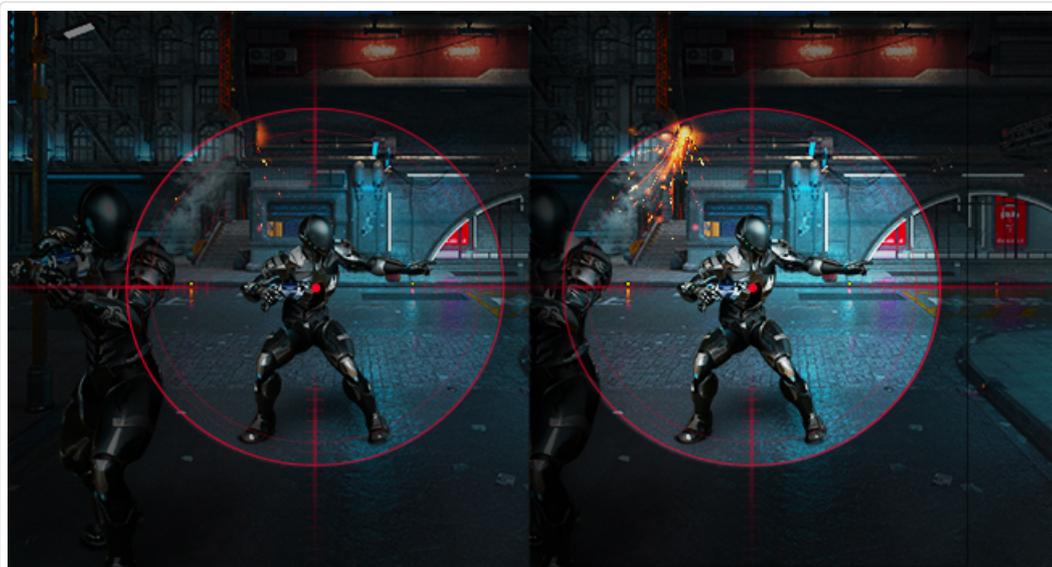
Image illustrating the benefits of Reader Mode and Flicker Safe technologies for eye comfort.

4.2 Gaming Features

- **Dynamic Action Sync:** Reduces input lag for a more responsive gaming experience, allowing you to react quickly to in-game events.
- **Black Stabilizer:** Brightens dark areas in games to improve visibility and help detect hidden enemies, giving you an advantage in dimly lit scenes.



Comparison image demonstrating Dynamic Action Sync, showing a faster response in a gaming scenario.



Comparison image demonstrating Black Stabilizer, showing improved visibility in dark game scenes.



Video demonstrating the multitasking capabilities of the LG 27U631A-B monitor, showcasing its performance for various tasks.



Video review discussing the suitability of the LG 27U631A-B monitor for different user needs, including productivity and gaming.



Video evaluating the LG 27U631A-B monitor's performance for gaming and multitasking scenarios.

4.3 LG Switch App

The LG Switch App allows you to customize your screen view, split the screen into multiple sections, and manage tasks efficiently. This application transforms your screen into a multitasking hub for work, gaming, and streaming, offering intuitive shortcuts for various functions.



Screenshot of the LG Switch App interface, showing options for virtual wallpaper, smart screen split, managing scheduler, and launching video calls.

5. MAINTENANCE

To ensure the longevity and optimal performance of your LG 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 harsh chemicals.
- **Cleaning the Casing:** Use a soft, dry cloth to clean the monitor's casing. Do not use abrasive cleaners.
- **Ventilation:** Ensure the monitor's ventilation openings are not blocked to prevent overheating.
- **Power Off:** Always turn off the monitor and unplug it from the power outlet before cleaning or when not in use for extended periods.

6. TROUBLESHOOTING

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

- **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 or USB Type-C) is correctly connected to both the monitor and your computer. Select the correct input source on the monitor using its OSD (On-Screen Display)

menu.

- **Flickering Screen:** Ensure the refresh rate is set correctly in your computer's display settings. Check for loose cable connections.
- **Image Quality Issues:** Adjust brightness, contrast, and color settings through the monitor's OSD menu. Ensure your graphics card drivers are up to date.
- **USB Type-C Not Working:** Confirm your device supports display output and power delivery over USB Type-C. Try a different USB Type-C cable.

7. SPECIFICATIONS

Feature	Value
Standing screen display size	27 Inches
Screen Resolution	2560x1440
Max Screen Resolution	2560 x 1440 Pixels
Number of USB 3.0 Ports	1
Brand	LG
Series	27U631A-B.AUSQ
Item model number	27U631A-B.AUSQ
Item Weight	9.7 pounds
Product Dimensions	8.46 x 24.14 x 17.91 inches
Item Dimensions LxWxH	8.46 x 24.14 x 17.91 inches
Color	Black
Voltage	240 Volts
Manufacturer	LG Electronics Inc.
ASIN	B0DS2S3GF2
Date First Available	January 2, 2025
Screen Size	27 Inches
Resolution	QHD Wide 1440p
Aspect Ratio	16:9
Screen Surface Description	Matte

8. WARRANTY AND SUPPORT

For detailed warranty information, technical assistance, or to access customer support, please visit the official LG website or contact LG customer service directly. It is recommended to retain your purchase receipt as proof of purchase for any warranty claims.