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> [LG C2 Series 77-Inch Class OLED evo Smart TV OLED77C2PUA User Manual](#)

## LG OLED77C2PUA

# LG C2 Series 77-Inch Class OLED evo Smart TV OLED77C2PUA User Manual

## INTRODUCTION

The LG C2 Series 77-Inch Class OLED evo Smart TV OLED77C2PUA offers an exceptional viewing experience for movies, games, and sports. Featuring LG's self-lit OLED pixels, it delivers infinite contrast, deep blacks, and over a billion vibrant colors, now even brighter. Powered by the  $\alpha 9$  Gen 5 AI Processor 4K, the TV intelligently optimizes picture and sound quality based on content.

Key features include advanced gaming capabilities with low input lag, fast response times, Auto Low-Latency Mode, HGiG compliance, and four HDMI 2.1 connections. It supports voice control via Google Assistant and Amazon Alexa, and integrates with Apple AirPlay and HomeKit. Access popular streaming services directly through the built-in webOS platform.



Figure 1: Front view of the LG C2 Series OLED evo Smart TV, showcasing its vibrant display.



Figure 2: The LG C2 Series OLED evo Smart TV integrated into a modern living room environment.

## SETUP

### Unboxing and Contents

Carefully remove the TV and all accessories from the packaging. Ensure all components listed below are present.

- Television
- Power Cable
- Magic Remote
- Remote Control Battery (AA)
- Quick Start Guide

# LG OLED

OLED77C2PUA

# 77" Class

(76.7" Diag)

  

The diagram illustrates the dimensions of the LG C2 Series TV. The main view shows the TV with a colorful abstract background. Dimensions are indicated: 67.4" width, 38.7" height, and 20.5" stand footprint. A side view shows the TV on its stand, with a height of 40.7" and a stand width of 10.5". A depth of 1.9" is also shown. To the right, the Magic Remote is displayed, featuring a numeric keypad, directional pad, and various function buttons including Netflix, Disney+, and LG Channels.

|                                      |                            |                     |
|--------------------------------------|----------------------------|---------------------|
| <b>Dimensions</b> (Inches W x H x D) | <b>What's in the box</b>   |                     |
| 67.4 x 38.7 x 1.9 (without stand)    | • Magic Remote             | • Stand             |
| 67.4 x 40.7 x 10.5 (with stand)      | • Remote Control Batteries | • Quick Start Guide |
| 20.5 x 10.5 (stand footprint)        | • Power Cable              |                     |

Figure 3: Diagram showing the dimensions of the LG C2 Series TV and a list of items included in the box.

### Physical Installation

The LG C2 TV can be installed using the included stand or mounted on a wall (VESA mount sold separately). For

stand installation, carefully attach the stand to the TV following the instructions in the Quick Start Guide, ensuring all screws are securely fastened. For wall mounting, refer to the VESA mount manufacturer's instructions and ensure proper wall reinforcement.



Figure 4: Side view of the LG C2 Series TV with its integrated stand.





Figure 5: Close-up of the ultra-thin side profile of the LG C2 Series TV.

### **Initial Power On and Basic Settings**

Once physically installed, connect the power cable to the TV and a power outlet. Press the power button on the TV or the Magic Remote to turn it on. Follow the on-screen prompts to complete the initial setup, including selecting your preferred language, connecting to a Wi-Fi network, setting the time zone, and agreeing to terms and conditions. This

process ensures your TV is ready for optimal use.

## OPERATING

### Using the Magic Remote

The LG Magic Remote provides intuitive control with its point-and-click functionality, scroll wheel, and voice recognition. Use the scroll wheel for quick navigation, point the remote at the screen to move the cursor, and press the microphone button for voice commands. Dedicated buttons for popular streaming services offer quick access.





Figure 6: The LG Magic Remote, featuring a scroll wheel, voice command button, and quick access buttons for streaming services.

## Smart TV Features (webOS)

The LG C2 TV runs on the webOS smart platform, providing a user-friendly interface for accessing a wide range of content. The Home Dashboard allows you to manage connected devices, while the App List provides quick access to pre-installed streaming applications like Netflix, Prime Video, Disney+, HBO Max, and more. You can also download additional apps from the LG Content Store.

## Picture and Sound Optimization

The  $\alpha 9$  Gen 5 AI Processor 4K automatically enhances picture and sound. Utilize Filmmaker Mode to preserve the director's original vision for movies. Dolby Vision IQ and Dolby Atmos further enhance the viewing experience with dynamic HDR and immersive audio. For gamers, the LG Game Optimizer mode, with NVIDIA G-SYNC, FreeSync Premium, and Variable Refresh Rate (VRR), ensures fluid on-screen motion and centralizes game settings.

## Connectivity

The LG C2 TV offers extensive connectivity options for all your devices.

- **HDMI 2.1:** Four ports for high-bandwidth devices like gaming consoles (PS5, Xbox Series X) and sound systems. One port supports eARC for enhanced audio return.
- **USB:** Multiple USB ports for connecting external storage devices or accessories.
- **Ethernet (LAN):** For a stable wired internet connection.
- **Wi-Fi & Bluetooth:** Built-in wireless connectivity for internet access and pairing Bluetooth devices like headphones or soundbars.
- **Antenna/Cable In:** For traditional broadcast signals.
- **Optical Digital Audio Out:** For connecting to external audio systems.



Figure 7: Rear view of the LG C2 Series TV, showing the layout of the input and output ports.





Figure 8: Close-up side view of the LG C2 Series TV's connectivity ports.

## MAINTENANCE

To ensure the longevity and optimal performance of your LG C2 TV, follow these maintenance guidelines:

- **Screen Cleaning:** Gently wipe the screen with a soft, dry microfiber cloth. For stubborn smudges, slightly dampen the cloth with water or a screen-specific cleaning solution (never spray directly onto the screen).
- **Frame Cleaning:** Use a soft, dry cloth to clean the TV frame. Avoid abrasive cleaners or solvents.
- **Ventilation:** Ensure adequate airflow around the TV by keeping vents clear of obstructions.
- **Power Off:** When not in use for extended periods, unplug the TV from the power outlet.

## TROUBLESHOOTING

If you encounter issues with your LG C2 TV, try the following basic troubleshooting steps:

- **No Power:** Check if the power cable is securely connected to both the TV and the power outlet. Try a different outlet.
- **No Signal:** Verify that the correct input source is selected. Check all HDMI or other input cables for secure connections.
- **Picture Issues (No Picture/Distorted):** Ensure all cables are connected properly. Try restarting the TV and any

connected devices.

- **Sound Issues (No Sound/Distorted):** Check the volume level and mute settings. Verify audio output settings in the TV menu. If using external speakers, check their connections and power.
- **Remote Control Not Working:** Replace the batteries in the Magic Remote. Ensure there are no obstructions between the remote and the TV.

For more complex issues, refer to the comprehensive User Manual (PDF) or contact LG customer support.

## SPECIFICATIONS

| Feature                      | Detail  |
|------------------------------|---|
| Brand Name                   | LG  |
| Item Weight                  | 53.8 Pounds   |
| Product Dimensions           | 10.5 x 67.4 x 40.7 inches   |
| Item model number            | OLED77C2PUA   |
| Color Name                   | Multicolor  |
| Special Features             | Nvidia G Sync, Intelligent Voice Recognition, Amd freesync, Browser |
| Speaker Type                 | 2.2 Channel   |
| Standing screen display size | 77 Inches   |
| Aspect Ratio                 | 16:9  |
| Wattage                      | 150 watts (On-mode power consumption)                               |
| Resolution                   | 4K  |
| Refresh Rate                 | 120 Hz  |
| Connectivity Technology      | Bluetooth, RF, Wi-Fi, USB, Ethernet, HDMI                           |
| Date First Available         | March 27, 2022  |

## WARRANTY AND SUPPORT

Your LG C2 Series TV comes with a manufacturer's warranty. For detailed warranty information, please refer to the official documentation included with your product or visit the LG website.

For further assistance, troubleshooting, or to access the complete user manual, please visit the official LG support website or refer to the [User Manual \(PDF\)](#).