

LG OLED65C2PUA

LG C2 Series 65-Inch Class OLED evo Smart TV User Manual

Model: OLED65C2PUA

1. INTRODUCTION

This manual provides essential information for the setup, operation, and maintenance of your LG C2 Series 65-Inch Class OLED evo Smart TV. Please read this manual thoroughly before operating your TV and retain it for future reference. The LG C2 Series OLED evo Smart TV offers an exceptional viewing experience with its self-lit OLED pixels, delivering infinite contrast, deep blacks, and vibrant colors. Powered by the α 9 Gen 5 AI Processor 4K, it intelligently optimizes picture and sound. Key features include advanced gaming support with NVIDIA G-SYNC and FreeSync Premium, Filmmaker Mode for cinematic viewing, and integrated voice control with Alexa and Google Assistant compatibility.

2. WHAT'S IN THE BOX

Verify that all components are present in the packaging:

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

Note: TV stand and wall mount are sold separately.

LG OLED

OLED65C2PUA

65" Class

(64.5" Diag)



Dimensions (Inches W x H x D)

56.7 x 32.5 x 1.8 (without stand)

56.7 x 34.6 x 9.1 (with stand)

17.7 x 9.1 (stand footprint)

What's in the box

- Magic Remote
- Remote Control Batteries
- Power Cable
- Stand
- Quick Start Guide

Figure 2.1: Package Contents and Dimensions. This image illustrates the physical dimensions of the 65-inch LG C2 TV, including width, height, and depth, both with and without the stand. It also visually lists the main components included in the box, such as the TV, Magic Remote, and power cable.

3. SETUP

3.1. Placement

Choose a suitable location for your TV. Ensure the area is well-ventilated and away from direct sunlight or heat sources. For optimal viewing, position the TV at eye level when seated.



Figure 3.1: Recommended TV Placement. This image shows the LG C2 TV integrated into a living room environment, demonstrating how it can be mounted on a wall or placed on a media console for an aesthetically pleasing setup.

3.2. Connecting Power

Connect the power cable securely to the TV's power input and then to a wall outlet. Ensure the voltage matches the TV's requirements (AC 120V, 50/60Hz).

3.3. Initial Setup

Upon first power-on, the TV will guide you through the initial setup process, including language selection, network connection (Wi-Fi or Ethernet), and channel tuning. Follow the on-screen prompts using the Magic Remote.

3.4. Connecting External Devices

The LG C2 TV features multiple connectivity options:

- **HDMI:** Four HDMI 2.1 ports are available for connecting gaming consoles, Blu-ray players, sound systems, and other HDMI-compatible devices.
- **USB:** Connect USB storage devices for media playback.
- **Ethernet:** For a stable wired internet connection.
- **RF:** For antenna or cable connections.
- **Bluetooth:** For wireless audio devices and other Bluetooth accessories.



Figure 3.2: Rear Connectivity Ports. This image displays the back panel of the LG C2 TV, highlighting the location of HDMI, USB, Ethernet, and other input/output ports for connecting external devices.

4. OPERATING YOUR TV

4.1. Magic Remote Functions

The Magic Remote allows intuitive control of your TV. Point and click, use the scroll wheel, or utilize voice commands for navigation and input.

4.2. Smart TV Features (webOS)

Your LG C2 TV runs on the webOS smart platform, providing access to a wide range of streaming services and applications. The home dashboard offers quick access to inputs, apps, and connected devices.



Figure 4.1: webOS Smart TV Interface. This image shows the user interface of the LG webOS, featuring a horizontal bar of popular streaming apps like Netflix, Prime Video, Disney+, and HBO Max, along with content recommendations and system information.

4.3. Picture and Sound Settings

Customize your viewing experience through the TV's settings menu. Adjust picture modes (e.g., Standard, Vivid, Cinema, Filmmaker Mode), brightness, contrast, and color. For audio, select sound modes or fine-tune equalizer settings. The $\alpha 9$ Gen 5 AI Processor 4K automatically adjusts picture and sound based on content, while Dolby Vision IQ and Dolby Atmos enhance the immersive experience.

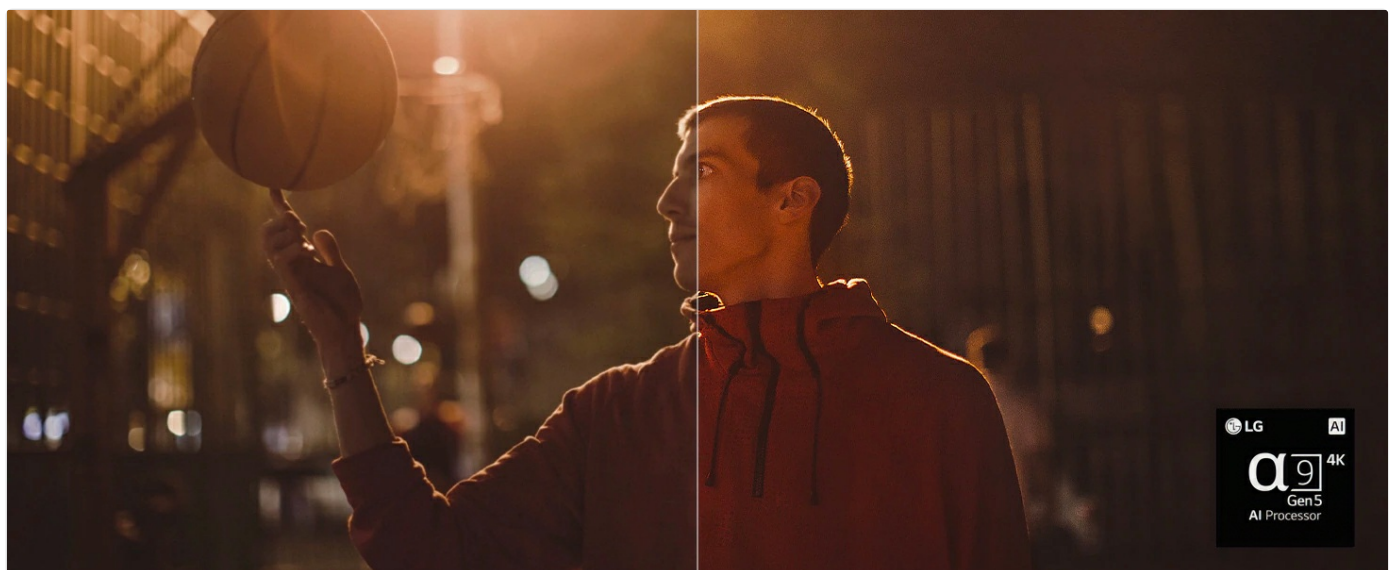


Figure 4.2: AI Picture and Sound Enhancement. This image illustrates the visual improvement provided by the $\alpha 9$ Gen 5 AI Processor 4K, showcasing vibrant colors and optimized contrast for a superior viewing experience.

4.4. Gaming Features

The LG C2 is optimized for gaming with features like NVIDIA G-SYNC, FreeSync Premium, and Variable Refresh Rate (VRR). Access Game Optimizer mode to manage all game-related settings in one place, ensuring fluid on-screen motion

and low input lag.

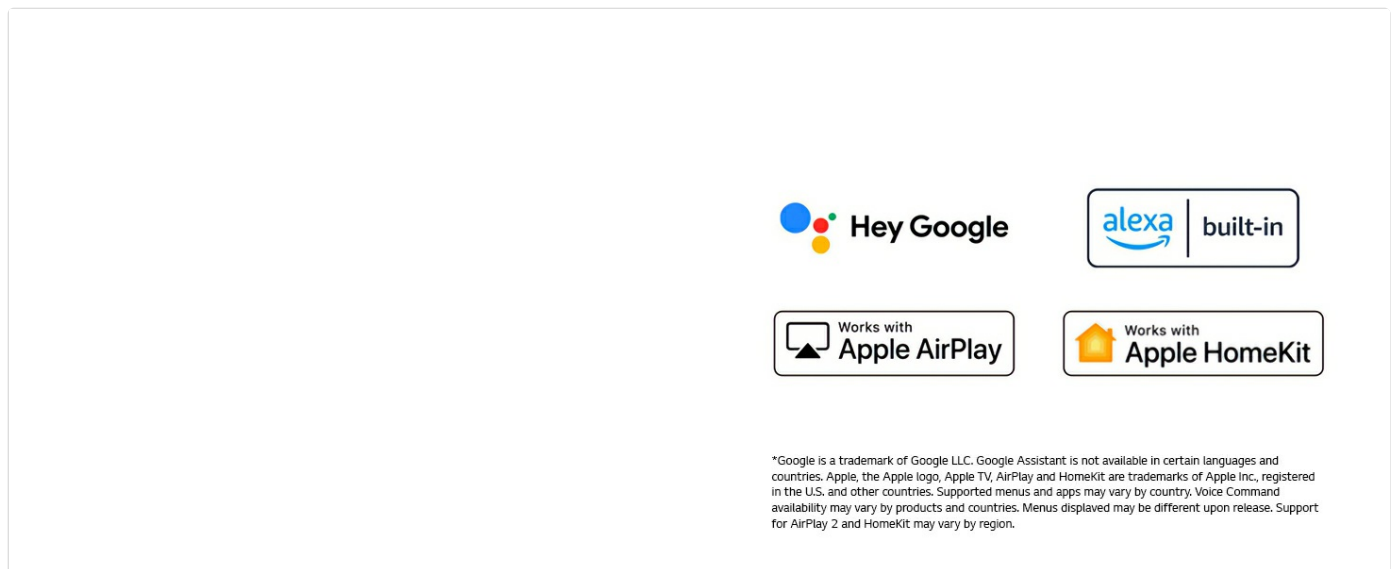


Figure 4.3: Enhanced Gaming Experience. This image depicts two individuals engaged in gaming on the LG C2 TV, emphasizing the smooth gameplay and vibrant graphics enabled by its advanced gaming features like G-SYNC and FreeSync Premium.

4.5. Voice Control

The TV supports intelligent voice recognition with built-in Alexa and compatibility with Google Assistant, Apple AirPlay, and HomeKit. Use voice commands to control the TV, search for content, and manage connected smart home devices.



Figure 4.4: Voice Assistant and Smart Home Integration. This image displays logos for various voice assistants and smart home platforms, indicating the LG C2 TV's compatibility with Hey Google, Alexa, Apple AirPlay, and Apple HomeKit for integrated control.

5. MAINTENANCE

5.1. Screen Cleaning

To clean the screen, gently wipe it with a soft, dry microfiber cloth. For stubborn marks, slightly dampen the cloth with water or a specialized screen cleaner. Avoid using harsh chemicals, abrasive materials, or direct spraying onto the screen.

5.2. General Care

Keep the TV free from dust by regularly wiping the cabinet with a soft, dry cloth. Ensure ventilation openings are not blocked. Unplug the TV during lightning storms or when it will be unused for extended periods.

5.3. OLED Pixel Care

LG OLED TVs include features to protect against pixel degradation, such as Screen Shift and Logo Luminance Adjustment. These features operate automatically to maintain picture quality over time. Avoid displaying static images for

prolonged periods at maximum brightness.

6. TROUBLESHOOTING

This section addresses common issues you might encounter. For more detailed troubleshooting, refer to the full user manual available online or contact LG customer support.

Problem	Possible Cause	Solution
No Power	Power cable disconnected; Power outlet issue	Ensure power cable is securely connected. Test outlet with another device.
No Picture/Sound	Incorrect input selected; External device off/disconnected	Verify correct input source. Check external device power and cable connections.
Remote Not Working	Batteries depleted; Obstruction between remote and TV	Replace remote batteries. Remove any obstructions. Re-pair Magic Remote if necessary.
Wi-Fi Disconnection	Router issue; Weak signal	Restart router. Move TV closer to router or use a wired Ethernet connection.

7. SPECIFICATIONS

Feature	Detail
Brand	LG
Model Number	E1LGOLED65C2PUARB
Screen Size	65 Inches (64.5" Diagonal)
Display Technology	OLED evo
Resolution	4K (3840 x 2160)
Refresh Rate	120 Hz
Processor	α9 Gen 5 AI Processor 4K
Connectivity	Bluetooth, RF, Wi-Fi, USB, Ethernet, 4x HDMI 2.1
Special Features	Nvidia G-Sync, AMD FreeSync Premium, Intelligent Voice Recognition (Alexa Built-in, Google Assistant, Apple AirPlay, HomeKit), Browser, Filmmaker Mode, Dolby Vision IQ, Dolby Atmos
Item Weight	56.9 pounds
Product Dimensions (with stand)	9.1"D x 56.7"W x 34.6"H
Voltage	AC 120V, 50/60Hz
Energy Consumption	213 kWh per year (estimated)

8. WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or visit the official LG website. LG provides customer support for technical assistance, troubleshooting, and service inquiries.

You can also find the official User Manual (PDF) for more detailed instructions and support:

[Download Official User Manual \(PDF\)](#)

For additional support and product information, visit the LG Store on Amazon:

[Visit the LG Store](#)

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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

Email

you@example.com

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