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› LG C2 Series 55-Inch Class OLED evo Smart TV (OLED55C2PUA) Instruction Manual

LG OLED55C2PUA

LG C2 Series 55-Inch Class OLED evo Smart TV (OLED55C2PUA) Instruction Manual

Model: OLED55C2PUA

1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your LG C2 Series 55-Inch Class OLED evo Smart TV, model OLED55C2PUA. Please read this manual thoroughly before operating your TV and retain it for future reference.

The LG C2 OLED evo Smart TV offers an advanced viewing experience with its self-lit OLED pixels, delivering infinite contrast, deep blacks, and vibrant colors. It features the α 9 Gen 5 AI Processor 4K for optimized picture and sound, and supports various smart functionalities including built-in voice assistants and access to popular streaming services.



Image 1.1: Front view of the LG C2 OLED evo Smart TV.

2. WHAT'S IN THE BOX

Verify that all components are present in the packaging before proceeding with the setup:

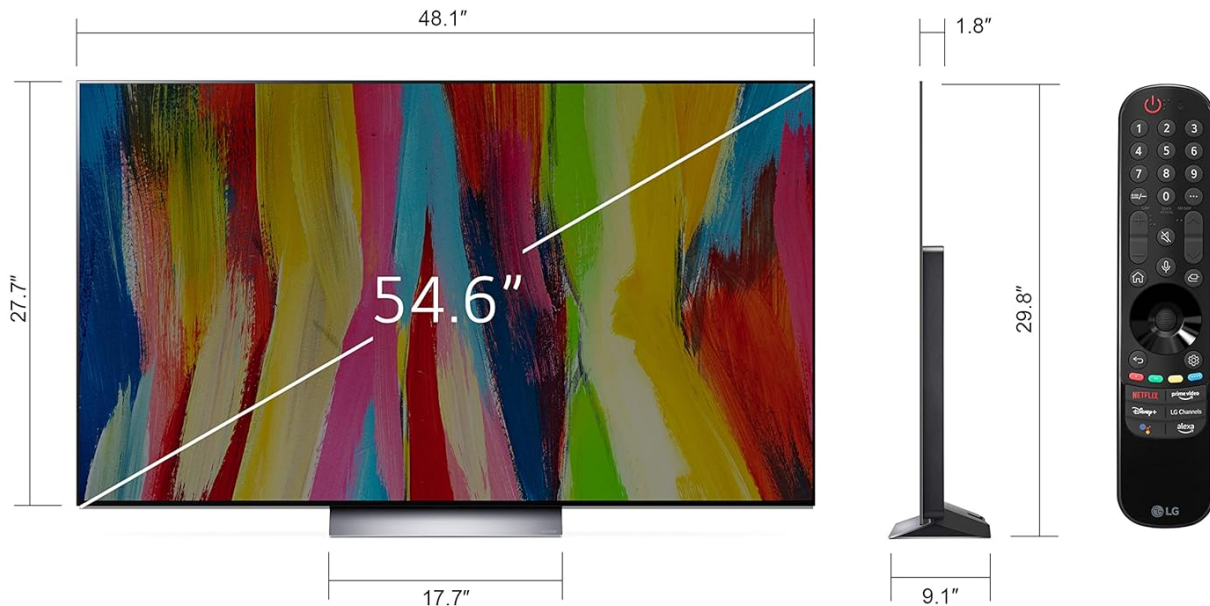
- LG C2 Series 55-Inch OLED evo Smart TV (OLED55C2PUA)
- Magic Remote Control
- Remote Control Batteries (AA)
- Power Cable
- TV Stand (if included with your purchase)
- Quick Start Guide

LG OLED

OLED55C2PUA

55" Class

(54.6" Diag)



Dimensions (Inches W x H x D)

48.1 x 27.7 x 1.8 (without stand)

48.1 x 29.8 x 9.1 (with stand)

17.7 x 9.1 (stand footprint)

What's in the box

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

Image 2.1: Diagram illustrating the TV dimensions and included accessories.

3. SETUP

3.1. Stand Installation or Wall Mounting

Before installing the stand or wall mounting, place the TV face down on a soft, flat surface to prevent screen damage.

3.1.1. Stand Installation

1. Align the TV stand with the mounting holes on the bottom of the TV.
2. Secure the stand using the provided screws. Ensure the stand is firmly attached.

3.1.2. Wall Mounting

This TV supports VESA wall mounts (300 x 200 VESA mount, sold separately). For wall mounting, remove the stand (if attached) and follow the instructions provided with your specific wall mount kit. Ensure proper ventilation around the TV when wall-mounted.



Image 3.1: Rear view of the TV, indicating VESA mounting points and input panel.

3.2. Connecting External Devices

Connect your external devices (e.g., cable box, Blu-ray player, gaming console) to the appropriate HDMI ports on the TV. The LG C2 features four HDMI 2.1 connections for high-bandwidth devices.

- **HDMI:** For high-definition video and audio.
- **USB:** For connecting USB storage devices.
- **LAN:** For wired network connection.
- **Optical Digital Audio Out:** For connecting to an external audio system.

3.3. Power Connection

After connecting all external devices, plug the power cable into the TV's power inlet and then into a wall outlet. Ensure the power cable is securely connected.

3.4. Initial Power-On and Guided Setup

Press the power button on the remote control or the TV to turn it on. The TV will guide you through the initial setup process, including:

- Language selection
- Network connection (Wi-Fi or wired)
- Channel tuning
- Accepting terms and conditions

4. OPERATING YOUR TV

4.1. Using the Magic Remote

The Magic Remote allows intuitive control of your TV using a point-and-click interface, scroll wheel, and voice commands. Point the remote at the screen to activate the cursor. Use the scroll wheel to navigate menus and the directional buttons for precise control.

4.2. Navigating WebOS

The LG WebOS smart platform provides access to a wide range of applications and features. Press the Home button on your Magic Remote to access the Launcher Bar, which displays your installed apps, inputs, and other functions.



Image 4.1: The LG WebOS home screen displaying various streaming applications and content.

4.3. Smart Features and Voice Assistants

Your LG C2 TV integrates with various smart home ecosystems and voice assistants, including Google Assistant and Amazon Alexa. You can control your TV and compatible smart devices using voice commands through the Magic Remote.



*Google is a trademark of Google LLC. Google Assistant is not available in certain languages and countries. Apple, the Apple logo, Apple TV, AirPlay and HomeKit are trademarks of Apple Inc., registered in the U.S. and other countries. Supported menus and apps may vary by country. Voice Command availability may vary by products and countries. Menu displayed may be different upon release. Support for AirPlay 2 and HomeKit may vary by region.

4.4. Picture and Sound Settings

Access the settings menu to customize picture and sound modes. The $\alpha 9$ Gen 5 AI Processor 4K automatically adjusts settings for optimal viewing. For cinematic content, activate **Filmmaker Mode** to preserve the director's original vision. The TV also supports **Dolby Vision IQ** for dynamic HDR and **Dolby Atmos** for immersive audio.

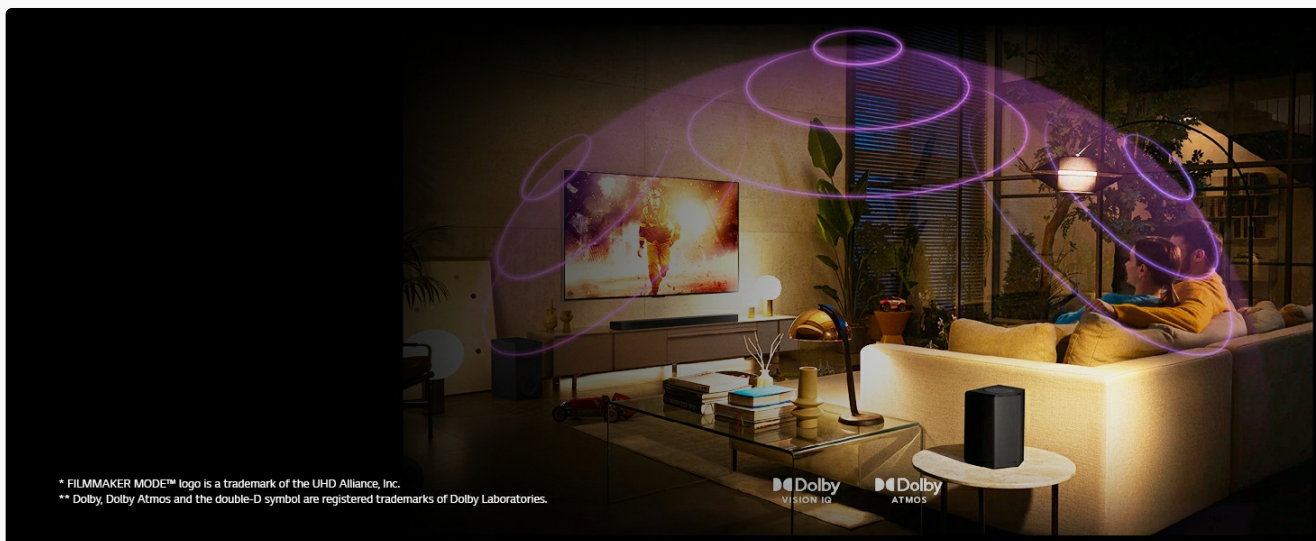


Image 4.3: Illustration of immersive audio and visual experience with Dolby technologies.

4.5. Gaming Features

The LG C2 is optimized for gaming with features like **NVIDIA G-SYNC**, **FreeSync Premium**, and **Variable Refresh Rate (VRR)** for smooth, tear-free gameplay. The **Game Optimizer** mode centralizes all your gaming settings for quick adjustments.

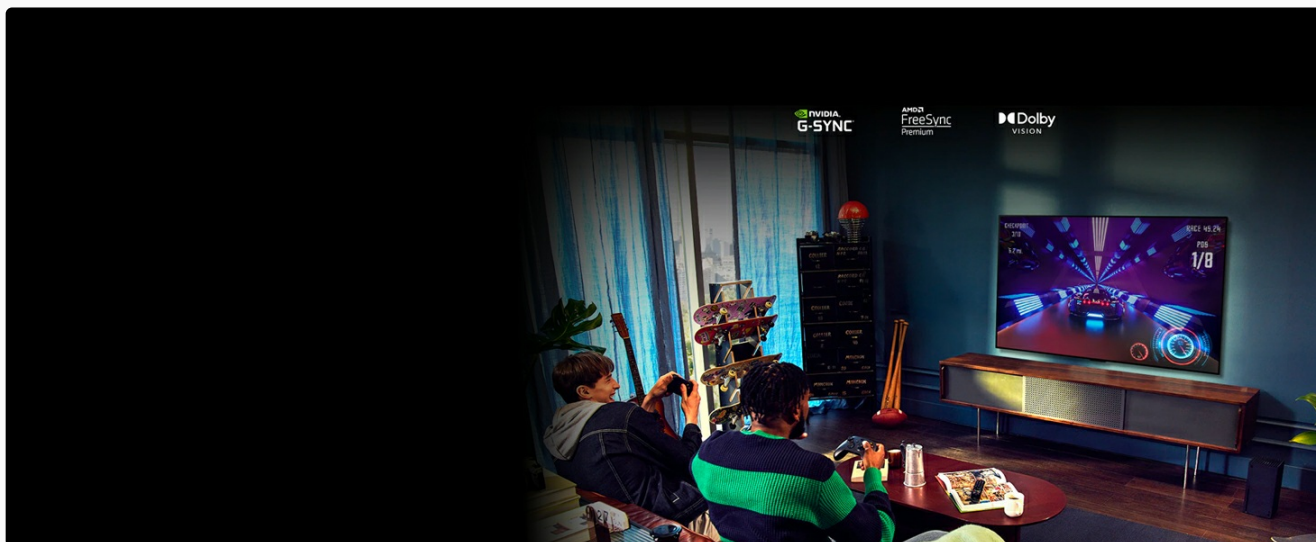


Image 4.4: Gaming experience on the LG C2 TV with advanced synchronization technologies.

5. MAINTENANCE

5.1. Screen Cleaning

To clean the screen, gently wipe it with a soft, dry microfiber cloth. For stubborn marks, lightly 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 away from direct sunlight and heat sources.
- Ensure adequate ventilation around the TV.
- Unplug the TV during lightning storms or when unused for extended periods.

5.3. Pixel Care Features

LG OLED TVs include features to protect the screen and prevent image retention:

- **Pixel Shifting:** Slightly moves the screen pixels periodically to prevent static images from causing retention.
- **Logo Luminance Adjustment:** Detects static logos and reduces their brightness to minimize potential image retention.
- **Screen Saver:** Activates automatically when a static image is displayed for a prolonged period.

These features operate automatically and contribute to the longevity of your OLED panel.

6. TROUBLESHOOTING

If you encounter issues with your TV, refer to the following common problems and solutions:

Problem	Possible Solution
No power	Check if the power cable is securely plugged into the TV and the wall outlet. Try a different outlet.
No picture, but sound is present	Verify the correct input source is selected. Check cable connections to external devices.
No sound, but picture is present	Check volume levels and mute status. Ensure external audio systems are correctly connected and powered on.
Remote control not working	Replace the batteries. Ensure there are no obstructions between the remote and the TV. Re-pair the Magic Remote if necessary.
Network connection issues	Restart your router and modem. Reconnect to the Wi-Fi network or check the Ethernet cable connection.
Image retention / Burn-in	Ensure Pixel Care features are enabled (Pixel Shifting, Logo Luminance Adjustment). Avoid displaying static images for extended periods.

For more complex issues or problems not listed here, please refer to the comprehensive user guide available on the LG support website or contact LG customer service.

7. SPECIFICATIONS

The following are key technical specifications for the LG C2 Series 55-Inch Class OLED evo Smart TV (OLED55C2PUA):

- **Brand:** LG
- **Model Number:** OLED55C2PUA
- **Screen Size:** 55 Inches (54.6" Diagonal)
- **Display Technology:** OLED evo

- **Resolution:** 4K (3840 x 2160)
- **Refresh Rate:** 120 Hz
- **Processor:** α9 Gen 5 AI Processor 4K
- **Special Features:** NVIDIA G-SYNC, FreeSync Premium, VRR, AI-Powered 4K, Alexa Built-in, Google Assistant, Apple AirPlay, HomeKit, Filmmaker Mode, Dolby Vision IQ, Dolby Atmos
- **Connectivity:** 4x HDMI 2.1, USB, LAN, Optical Digital Audio Out
- **Speaker Type:** Built-In
- **Aspect Ratio:** 16:9
- **Product Dimensions (with stand):** 48.1" W x 29.8" H x 9.1" D
- **Item Weight:** 45.9 pounds
- **On-mode Power Consumption:** 22 watts
- **Annual Energy Consumption:** 176 kWh (based on 4 hours/day)
- **VESA Mount Compatibility:** 300 x 200 mm

8. WARRANTY AND SUPPORT

8.1. Product Warranty

Your LG C2 Series OLED evo Smart TV is covered by a limited warranty. Specific warranty terms and conditions, including coverage duration and limitations, are provided with your purchase documentation. Please retain your proof of purchase for warranty claims.

8.2. Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty service, please contact LG Customer Support:

- **Website:** Visit the official LG support website for your region (e.g. [lg.com/us/support](https://www.lg.com/us/support)) for FAQs, downloads, and service requests.
- **Phone:** Refer to your quick start guide or the LG website for the appropriate customer service phone number.

When contacting support, please have your TV's model number (OLED55C2PUA) and serial number ready.