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> [LG 55-Inch Class OLED evo Gallery Edition G2 Series 4K Smart TV User Manual \(OLED55G2PUA\)](#)

LG OLED55G2PUA

LG 55-Inch Class OLED evo Gallery Edition G2 Series 4K Smart TV User Manual

Model: OLED55G2PUA

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your LG 55-Inch Class OLED evo Gallery Edition G2 Series 4K Smart TV. Please read this manual thoroughly before using your television and retain it for future reference. This television features advanced OLED evo technology, an a9 Gen5 AI Processor 4K, and smart functionalities including voice control and cloud gaming capabilities.



Figure 1: LG 55-Inch Class OLED evo Gallery Edition G2 Series 4K Smart TV

The LG 55-Inch Class OLED evo Gallery Edition G2 Series 4K Smart TV is designed for an immersive viewing experience with its sleek gallery design and advanced display technology.

2. KEY FEATURES

- **OLED evo Gallery Edition:** Self-lit OLED pixels deliver infinite contrast, perfect black, and vibrant colors.
- **a9 Gen5 AI Processor 4K:** Automatically adjusts picture and sound settings for optimal viewing.
- **Brightness Booster Max:** Enhances brightness for a more luminous picture.
- **Voice Control:** Built-in support for Google Assistant, Amazon Alexa, Apple AirPlay, and HomeKit.
- **Home Cinema Experience:** Features Filmmaker Mode, Dolby Vision IQ, and Dolby Atmos.
- **Ultimate Gaming:** Supports NVIDIA G-SYNC, FreeSync Premium, VRR, LG Game Optimizer, and 4 HDMI 2.1 ports.

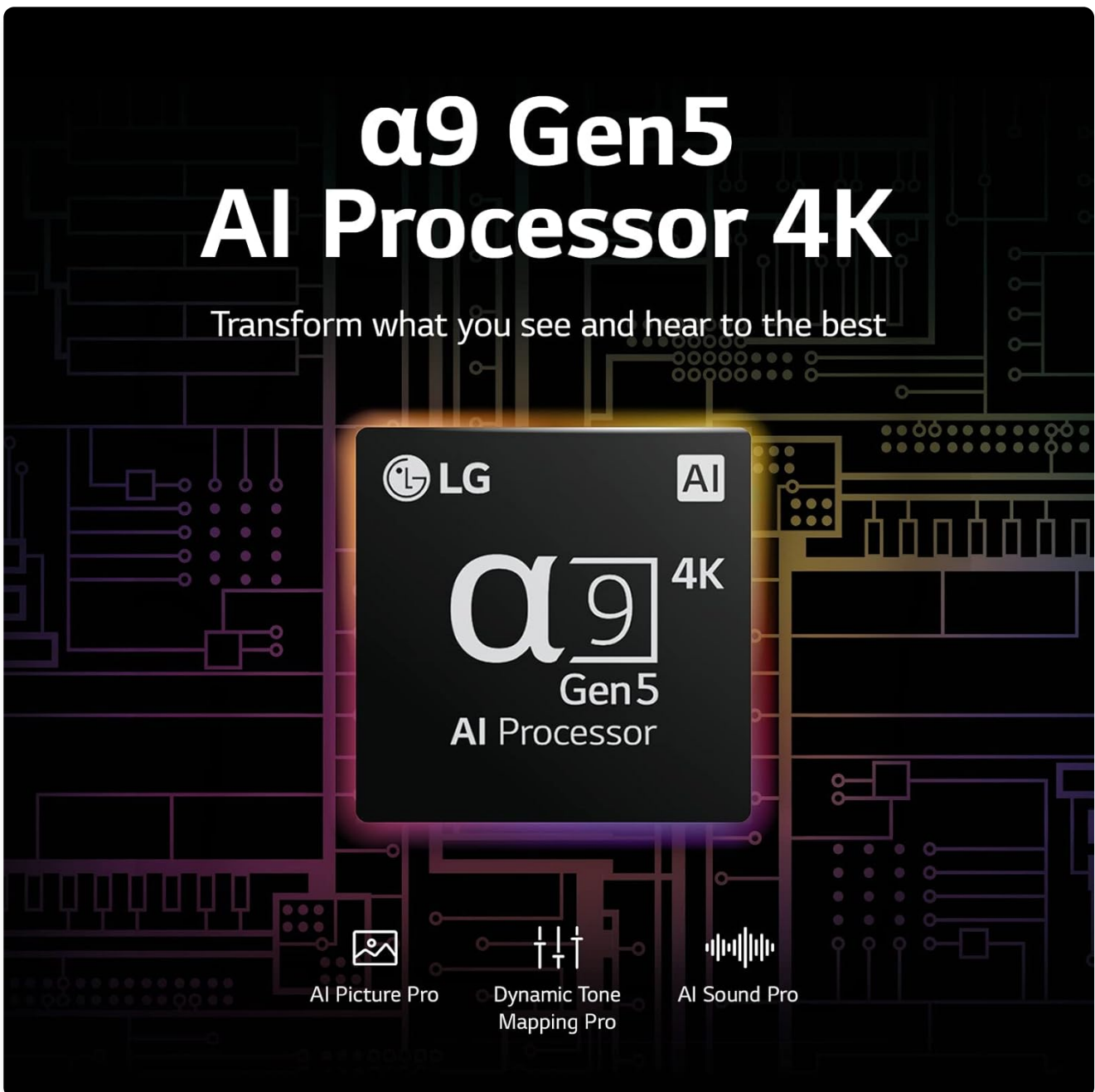


Figure 2: The a9 Gen5 AI Processor 4K

The a9 Gen5 AI Processor 4K is central to the TV's intelligent picture and sound optimization.

SELF-LIT OLED evo

Self-lit OLED pixels brings to life infinite contrast,
perfect black and over a billion colors



Conventional

OLED evo



Infinite
Contrast

*Dramatization for illustrative purposes only.

Figure 3: Self-Lit OLED evo Technology

Self-lit OLED evo pixels provide infinite contrast and perfect black levels for superior image quality.

3. SETUP

3.1. Unboxing and Package Contents

Carefully remove the television from its packaging. Ensure all components are present:

- LG 55-Inch Class OLED evo G2 Series 4K Smart TV
- Magic Remote Control
- Power Cable
- Wall Mount (Flush Mount)

- Remote Control Batteries

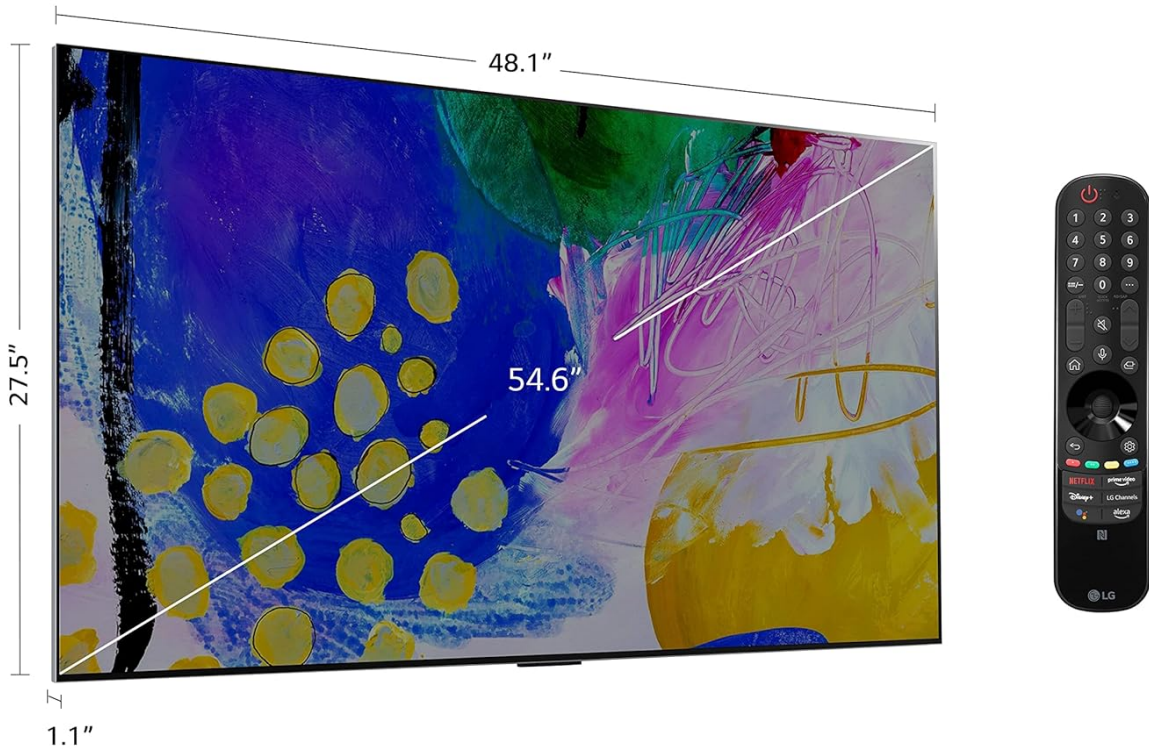
Note: A table stand is not included and must be purchased separately if wall mounting is not desired.

LG OLED

OLED55G2

55" Class

(54.6" Diag)



Dimensions (Inches W x H x D)

- 48.1 x 27.5 x 1.1 (without stand)
- 48.1 x 29.8 x 9.6 (with stand)
- 17.0 x 9.6 (stand footprint)

What's in the box

- Magic Remote with Magic Tap
- Remote Control Batteries
- Power Cable
- Wall Mount
- Stand Sold Separately
- Quick Start Guide

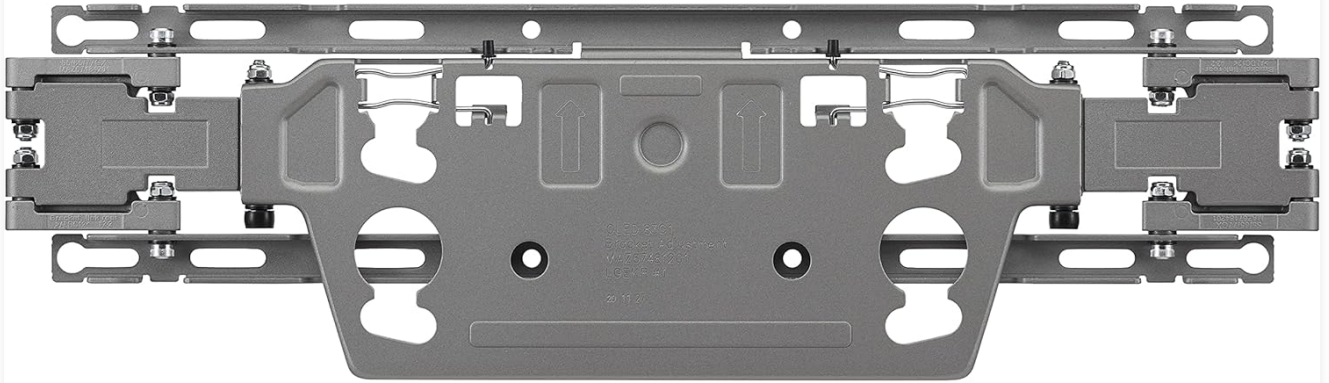
Figure 4: TV Dimensions and Included Accessories

This image illustrates the dimensions of the LG G2 TV and lists the items typically found in the product box, including the Magic Remote, power cable, and wall mount.

3.2. Mounting Options

The LG G2 Series is designed for a sleek, flush-to-wall installation. A dedicated wall mount is included for this purpose. If you prefer a tabletop setup, a compatible stand must be purchased separately.

INCLUDED: Flush Wall Mount



***Stand can be purchased separately**

Figure 5: Included Flush Wall Mount

The television comes with a flush wall mount, allowing for a minimal gap between the TV and the wall. A stand is sold separately.

3.3. Connecting Devices

Connect your external devices (e.g., cable box, gaming console, Blu-ray player) to the HDMI ports on the rear or side of the TV. The LG G2 features 4 HDMI 2.1 ports for high-bandwidth connections.



Figure 6: Rear Connectivity Ports

The rear panel includes HDMI 2.1 ports, USB inputs, LAN, optical digital audio out, and antenna/cable input.





Figure 7: Side Connectivity Ports

Additional HDMI and USB ports are conveniently located on the side for easy access.

4. OPERATING INSTRUCTIONS

4.1. Magic Remote

The LG Magic Remote allows for intuitive control of your TV. It features a scroll wheel, point-and-click functionality, and voice command capabilities. To activate the cursor, shake the remote or press the scroll wheel button.

Magic Remote

More like a magic wand



NFC



Easy grip!



Point & Scroll



Figure 8: LG Magic Remote

The Magic Remote offers intuitive navigation with its scroll wheel and point-and-click features.

4.2. webOS Smart TV Platform

Your LG G2 TV runs on the webOS platform, providing access to a wide range of streaming services and apps. The customizable home screen allows for personalized content recommendations and quick access to your favorite entertainment.

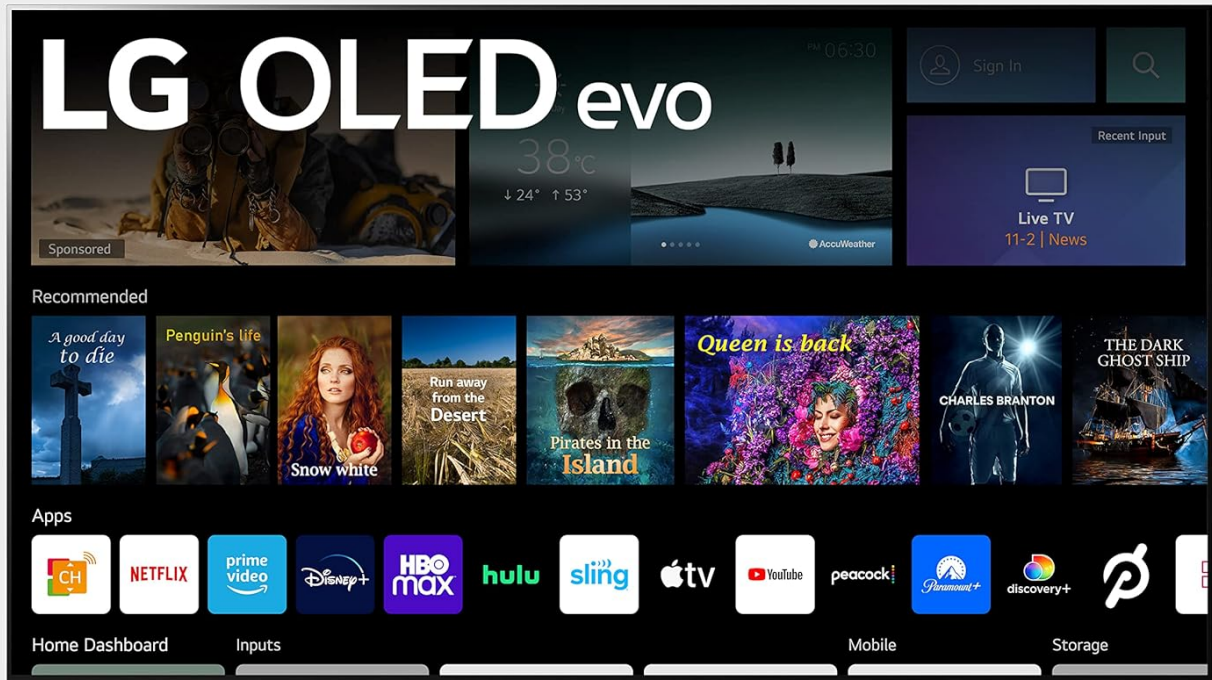


Figure 9: webOS Smart TV Interface

The webOS platform provides a user-friendly interface for accessing various streaming apps and personalized content.

4.3. Voice Control and Smart Assistants

Utilize the built-in voice control features to manage your TV and connected smart home devices. The TV supports Google Assistant, Amazon Alexa, Apple AirPlay, and HomeKit, offering versatile control options.

5. GAMING FEATURES

The LG G2 TV is optimized for an enhanced gaming experience. It supports NVIDIA G-SYNC, FreeSync Premium, and Variable Refresh Rate (VRR) for smooth, tear-free gameplay. The LG Game Optimizer provides quick access to gaming settings.

Meet the Next Level of Gaming

Experience real-time action



Game Dashboard & Optimizer | VRR | ALLM | eARC | HGIG
NVIDIA G-SYNC | AMD FreeSync Premium | HDMI 2.1 Ports

Figure 10: Ultimate Gaming on LG G2 TV

The LG G2 TV offers advanced features like NVIDIA G-SYNC and FreeSync Premium for a superior gaming experience.

Your browser does not support the video tag.

Video 1: LG OLED Ultimate Gaming. This video highlights the gaming capabilities of LG OLED TVs, showcasing smooth graphics and responsive gameplay.

6. AUDIO AND VISUAL SETTINGS

6.1. Picture Quality

The a9 Gen5 AI Processor 4K continuously optimizes picture quality. For cinematic viewing, activate Filmmaker Mode. Dolby Vision IQ further enhances HDR content by intelligently adjusting settings based on ambient light.

AI Picture Pro

Bring it to life



Conventional

AI Picture Pro

*Dramatization for illustrative purposes only.

Figure 11: AI Picture Pro

AI Picture Pro enhances visual quality by intelligently analyzing and optimizing content.

FILMMAKER MODE

Get in the action the way directors intended



Figure 12: Filmmaker Mode

Filmmaker Mode preserves the director's original vision by disabling motion smoothing and other post-processing effects.

6.2. Sound Quality

Experience immersive audio with Dolby Atmos support. The AI Sound Pro feature up-mixes 2-channel audio into virtual 7.1.2 channel sound for a cinema-like experience. The TV is also WiSA Ready for wireless high-fidelity speaker connectivity.

AI Sound Pro

Immerse yourself in the action



Figure 13: AI Sound Pro

AI Sound Pro enhances audio by optimizing sound based on content, creating a more immersive experience.

Your browser does not support the video tag.

Video 2: LG OLED evo. This video showcases the vibrant colors and deep blacks of LG OLED evo technology.

7. MAINTENANCE

7.1. Screen Cleaning

To clean the screen, gently wipe it with a soft, dry microfiber cloth. For stubborn smudges, lightly dampen the cloth with distilled water. Avoid using harsh chemicals, abrasive materials, or excessive pressure, as these can damage the screen.

7.2. Pixel Care

OLED TVs include pixel cleaning/refresh modes to help prevent image retention (burn-in). It is recommended to allow the TV to perform these automatic cycles as needed. Avoid displaying static images for extended periods to minimize risk.

8. TROUBLESHOOTING

8.1. No Power

- Ensure the power cable is securely connected to both the TV and a working electrical outlet.
- Check if the outlet is receiving power by plugging in another device.
- Try a different power outlet.

8.2. No Picture/Sound

- Verify that the correct input source is selected on the TV.
- Check all HDMI or other connection cables for secure connections.
- If using external audio equipment, ensure it is powered on and correctly configured.

8.3. Remote Control Not Working

- Replace the batteries in the Magic Remote.
- Ensure there are no obstructions between the remote and the TV.
- Re-pair the Magic Remote with the TV if necessary (refer to the on-screen guide for instructions).

9. SPECIFICATIONS

Feature	Specification
Brand	LG
Model Number	OLED55G2
Screen Size	55 Inches
Display Technology	OLED
Resolution	4K (3840 x 2160)
Refresh Rate	120 Hz
Processor	a9 Gen5 AI Processor 4K

Feature	Specification
Connectivity Technology	HDMI (4x HDMI 2.1)
Operating System	webOS
Voice Assistant Built-in	Alexa, Google Assistant
Product Dimensions (without stand)	1.1"D x 48.1"W x 27.5"H
Item Weight	37.7 Pounds
Output Wattage	60 Watts

10. WARRANTY AND SUPPORT

10.1. 5-Year Panel Warranty

The LG G2 Series OLED TV comes with a 5-year limited panel warranty. During the first year, panels, parts, and labor costs are covered. For the 2nd to 5th year, only the panel is covered, and labor will be charged. This warranty demonstrates LG's confidence in the durability of their OLED panels, including protection against burn-in.



Figure 14: 5-Year Limited Panel Warranty

The LG G2 TV includes a 5-year limited panel warranty, offering extended coverage for the display panel.

For full terms and conditions, please refer to the official LG website or the warranty card included with your product.

10.2. Customer Support

For technical assistance, troubleshooting, or service requests, please contact LG Customer Support. You can find contact information on the LG website or in your product documentation.