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› LG OLED55CX6LA Smart TV 4K 55" User Manual

## LG OLED55CX6LA APID

# LG OLED55CX6LA Smart TV 4K 55" User Manual

Model: OLED55CX6LA APID

## 1. INTRODUCTION

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Welcome to the user manual for your new LG OLED55CX6LA Smart TV. This guide provides essential information for setting up, operating, maintaining, and troubleshooting your television. Please read this manual thoroughly before using the product to ensure safe and optimal performance.

The LG OLED55CX6LA features a stunning 55-inch 4K OLED display, powered by the  $\alpha$ 9 Gen3 AI Processor. It integrates advanced technologies like Dolby Vision IQ, Dolby Atmos, AI ThinQ, and FILMMAKER MODE, offering an immersive viewing and gaming experience. Built-in Google Assistant and Amazon Alexa provide convenient voice control.

## 2. IMPORTANT SAFETY INFORMATION

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Always follow basic safety precautions when using this product to reduce the risk of fire, electric shock, or injury to persons.

- **Power Source:** Connect the TV to an AC power outlet that matches the voltage specified on the product label.
- **Ventilation:** Ensure proper ventilation. Do not block ventilation openings. Install the TV in a location that allows adequate airflow.
- **Water and Moisture:** Do not expose the TV to rain or moisture. Do not place objects filled with liquids, such as vases, on the TV.
- **Cleaning:** Unplug the TV from the power outlet before cleaning. Use a soft, dry cloth. Do not use liquid cleaners or aerosol cleaners.
- **Children:** Supervise children to ensure they do not climb on or play with the TV.

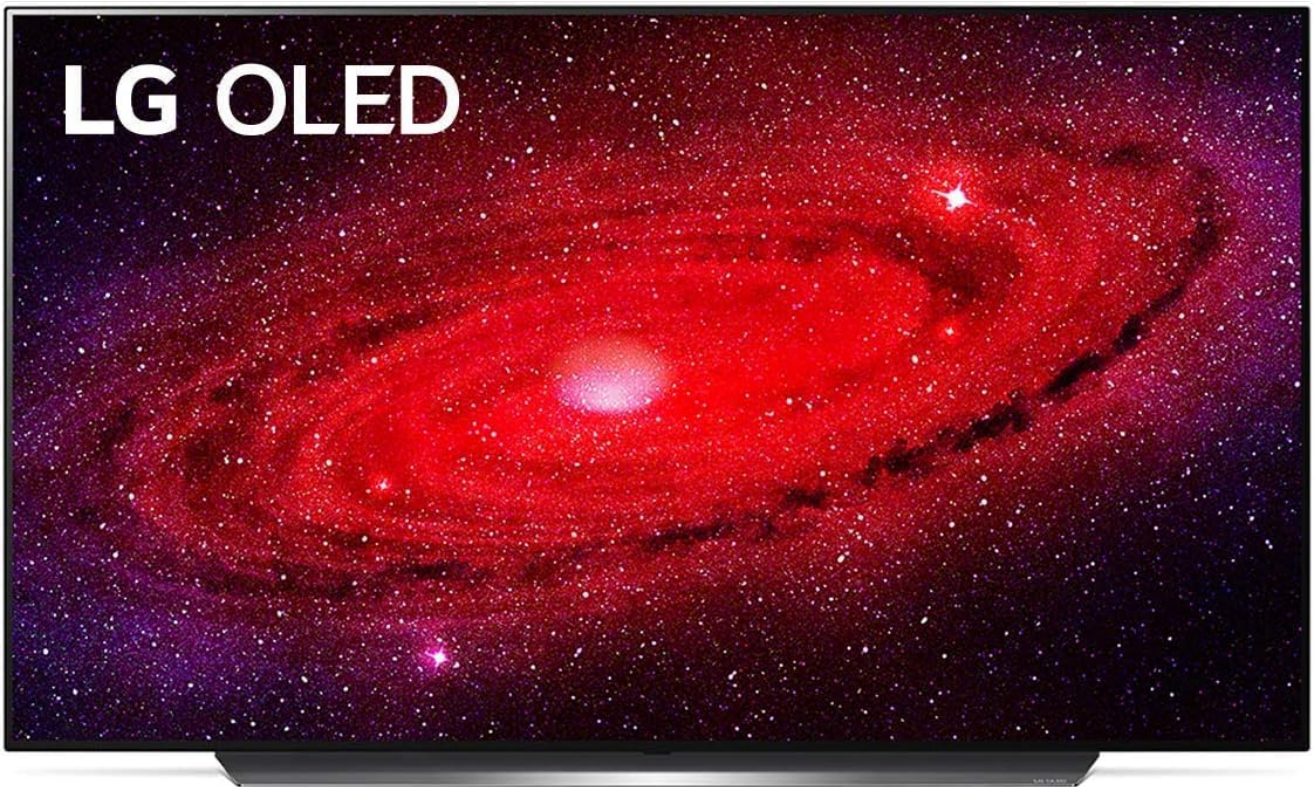
- **Handling:** Handle the TV with care. Due to its size and weight, it is recommended that two or more people lift and move the TV.

### 3. WHAT'S IN THE BOX

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Upon unpacking your LG OLED55CX6LA Smart TV, please verify that all components are present and undamaged:

- LG OLED55CX6LA Smart TV Unit
- Power Cable
- Magic Remote Control
- TV Stand (with screws)
- User Manual (this document)
- Batteries for Remote Control (may be included separately)



*Figure 3.1: Front view of the LG OLED55CX6LA TV displaying a vibrant galaxy image.*

### 4. SETUP

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#### 4.1 Assembling the Stand

If you are not wall-mounting your TV, follow these steps to attach the stand:

1. Carefully place the TV screen-down on a soft, flat surface (e.g., a blanket or foam) to prevent damage.

2. Align the stand with the mounting holes on the bottom of the TV.
3. Secure the stand using the provided screws. Ensure they are tightened firmly.



*Figure 4.1: Top-down view of the LG OLED55CX6LA TV, showing the integrated stand and rear ventilation.*

## 4.2 Connecting Power

Plug the power cable into the TV's power input and then into a wall outlet. Ensure the connection is secure.

## 4.3 Connecting External Devices

Your LG OLED TV offers multiple connectivity options:

- **HDMI:** Connect Blu-ray players, game consoles, soundbars, or set-top boxes to the HDMI ports. This model supports HDMI 2.1 for advanced features like 4K@120Hz.
- **USB:** Connect USB drives for media playback or external storage.
- **Optical Digital Audio Out:** For connecting to external audio systems.
- **LAN:** For a wired internet connection.

## 4.4 Initial Setup and Network Connection

Upon first power-on, the TV will guide you through the initial setup process, including language selection, country,

and network connection.

1. Turn on the TV using the remote control.
2. Follow the on-screen prompts to select your language and region.
3. For network connection, choose between **Wi-Fi** (wireless) or **Wired** (LAN cable).
  - For Wi-Fi, select your network from the list and enter the password.
  - For Wired, simply connect an Ethernet cable from your router to the TV's LAN port.
4. Complete the remaining setup steps, including agreeing to terms and conditions, and setting up voice assistants if desired.

## 5. OPERATING THE TV

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### 5.1 Magic Remote Control

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

- **Power Button:** Turns the TV on/off.
- **Number Buttons:** Direct channel access.
- **Volume Up/Down:** Adjusts volume.
- **Channel Up/Down:** Changes channels.
- **Home Button:** Accesses the WebOS Home screen.
- **Settings Button:** Opens quick settings menu.
- **Voice Recognition Button:** Activates Google Assistant or Amazon Alexa.
- **Navigation Wheel (Scroll/OK):** Navigates menus and confirms selections.

### 5.2 WebOS Smart TV Features

Your LG OLED TV runs on the WebOS platform, providing access to a wide range of applications and services.

- **App Store:** Download and install popular streaming apps like Netflix, Disney+, Apple TV, and YouTube.
- **AI ThinQ:** Control your smart home ecosystem directly from your TV.
- **Voice Assistants:** Use Google Assistant or Amazon Alexa for hands-free control, searching content, or getting information.
- **Screen Share:** Mirror content from your smartphone or tablet to the TV.

### 5.3 Picture and Sound Settings

Customize your viewing experience through the settings menu:

- **Picture Mode:** Select from various modes like Standard, Vivid, Cinema, Sports, Game, and FILMMAKER MODE.
- **FILMMAKER MODE:** Preserves the director's original vision by disabling motion smoothing and other post-processing effects.

- **Brightness/Contrast/Color:** Fine-tune picture quality.
- **Sound Mode:** Choose from AI Sound Pro, Standard, Cinema, Clear Voice, Sports, Music, and Game.
- **Dolby Atmos:** Experience immersive, multi-dimensional audio.
- **Dolby Vision IQ:** Optimizes picture quality based on ambient light and content genre.

## 5.4 Gaming Features

The LG OLED55CX6LA is optimized for gaming, offering a smooth and responsive experience:

- **NVIDIA G-Sync Compatibility:** Ensures tear-free and stutter-free gaming.
- **Low Input Lag:** Minimizes delay between controller input and on-screen action.
- **HDMI 2.1:** Supports 4K resolution at 120 frames per second (4K@120Hz).
- **OLED Motion Pro:** Reduces motion blur for clear fast-paced action.

## 6. MAINTENANCE

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### 6.1 Cleaning the TV

To maintain the appearance and performance of your TV:

- **Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, slightly dampen the cloth with water or a specialized screen cleaner (apply to cloth, not directly to screen).
- **Frame:** Use a soft, dry cloth to wipe the frame and stand.
- **Do NOT:** Use abrasive cleaners, waxes, or solvents. Avoid spraying liquids directly onto the TV.

### 6.2 Software Updates

Ensure your TV's software is up-to-date for optimal performance and new features. The TV can automatically check for updates when connected to the internet. You can also manually check via the settings menu.

## 7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No Power	Power cable disconnected; no power from outlet.	Check power cable connection. Test outlet with another device.
No Picture / Black Screen	Incorrect input selected; external device off or disconnected.	Press the Input button on the remote to select the correct source. Ensure external devices are powered on and connected.
No Sound	Volume muted or too low; incorrect audio output setting.	Increase volume. Check if Mute is active. Verify audio output settings (TV speakers, external sound system).
Remote Control Not Working	Batteries dead or incorrectly inserted; obstruction between remote and TV.	Replace batteries. Ensure line of sight to TV's IR receiver.
Network Connection Issues	Incorrect Wi-Fi password; router issues; TV too far from router.	Re-enter Wi-Fi password. Restart router. Move TV closer to router or use a wired connection.

## 8. SPECIFICATIONS

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Detailed technical specifications for the LG OLED55CX6LA Smart TV:



Figure 8.1: Energy efficiency label for the LG OLED55CX6LA TV, showing energy consumption ratings.  
For more details, visit the official EU EPREL database: <https://eprel.ec.europa.eu/qr/407058>

### General Specifications

Feature	Value
Brand	LG
Model Number	OLED55CX6LA APID
Screen Size	55 Inches (140 cm)
Display Technology	OLED
Resolution	4K (3840 x 2160)
Refresh Rate	120 Hz (Native), 480 Hz (Motion Pro)
Processor	α9 Gen3 AI Processor 4K
Connectivity Technology	Wireless (Wi-Fi), Bluetooth, USB
Internet Services Supported	Netflix, Apple TV, YouTube, Disney+, etc.
Special Features	AI ThinQ, Dolby Vision IQ, Dolby Atmos, FILMMAKER MODE, HDR, Google Assistant, Alexa, NVIDIA G-Sync Compatibility
Aspect Ratio	16:9
Product Dimensions (W x H x D)	122.8 x 73.8 x 25.1 cm (with stand)
Product Weight	18 kg
Energy Efficiency Class (SDR)	G
Energy Consumption (SDR)	106 kWh/1000h
Energy Efficiency Class (HDR)	G
Energy Consumption (HDR)	171 kWh/1000h

### Detailed Product Information (from provided image)



*Figure 8.2: A table detailing product information and specifications, including model identification, power consumption, screen size, and display technology.*

No.	Information	Value and Precision	Unit
1	Supplier Name or Trademark	LG Electronics	-
	Supplier Address	LG Electronics European Shared Services Center B.V., Krijgsman 1, 1186 DM Amstelveen, Netherlands	-
2	Model Identifier	OLED55CX6LA	-
3	Energy Efficiency Class (SDR)	G	-
4	On-mode Power Consumption (SDR)	106	W
5	Energy Efficiency Class (HDR)	G	-
6	On-mode Power Consumption (HDR)	188	W
7	Off-mode Power Consumption	N/A	W
8	Standby Power Consumption	0.5	W
9	Networked Standby Power Consumption	2.0	W
10	Type of Electronic Display	Television	-
11	Aspect Ratio	16:9	-
12	Screen Resolution (H X V)	3840X2160	pixels
13	Screen Diagonal	138.8	cm
14	Screen Diagonal	55	inches
15	Visible Screen Area	82.3	dm <sup>2</sup>
16	Panel Technology	OLED	-
17	Automatic Brightness Control (ABC) Available	YES	-
18	Voice Recognition Sensor Available	NO	-
19	Presence Detection Sensor Available	NO	-
20	Image Refresh Rate	120	Hz
21	Minimum Availability of Software and Firmware Updates (from end of market placement)	8	Years
22	Minimum Availability of Spare Parts (from end of market placement)	8	Years
23	Minimum Guaranteed Product Support	8	Years

## 9. WARRANTY AND SUPPORT

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LG Electronics provides a warranty for this product. For detailed information regarding warranty terms, conditions, and duration, please refer to the warranty card included with your product or visit the official LG support website for your region.

Based on the provided product information, the minimum availability for software and firmware updates, spare parts, and product support is **8 years** from the end of market placement.

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

- **LG Official Website:** [www.lg.com/support](http://www.lg.com/support) (Select your region for specific contact details)
- **Phone Support:** Refer to your regional LG website for local contact numbers.

When contacting support, please have your TV's model number (OLED55CX6LA APID) and serial number ready.