

## LG 43UA85006LA



# LG 43 Inch UHD 4K Smart TV User Manual

Model: 43UA85006LA.AFU (2025 Model)

## 1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your LG 43 Inch UHD 4K Smart TV, Model 43UA85006LA.AFU. Please read it thoroughly before operating the television and retain it for future reference. This television offers a true 4K Ultra HD resolution, powered by an advanced  $\alpha 7$  AI Processor Gen8, and features the webOS operating system for a smart and personalized viewing experience.



Front view of the LG 43 Inch UHD 4K Smart TV.

## 2. SAFETY INFORMATION

---

Always follow these basic safety precautions to reduce the risk of fire, electric shock, or injury:

- Do not expose the TV to rain or moisture.
- Do not block ventilation openings.
- Ensure proper grounding for the power plug.
- Avoid placing the TV on unstable surfaces.
- Unplug the TV during lightning storms or when unused for long periods.
- Do not open the TV casing; refer all servicing to qualified personnel.

## 3. SETUP

---

### 3.1 Unboxing and Inspection

Carefully remove the TV and all accessories from the packaging. Verify that all included components are present: Power Cable, Remote Control, and Stand.

### 3.2 Stand Installation

Attach the TV stand securely using the provided screws. Ensure the TV is stable before proceeding. Refer to the quick setup guide included in the box for detailed diagrams.

### 3.3 Connecting Devices

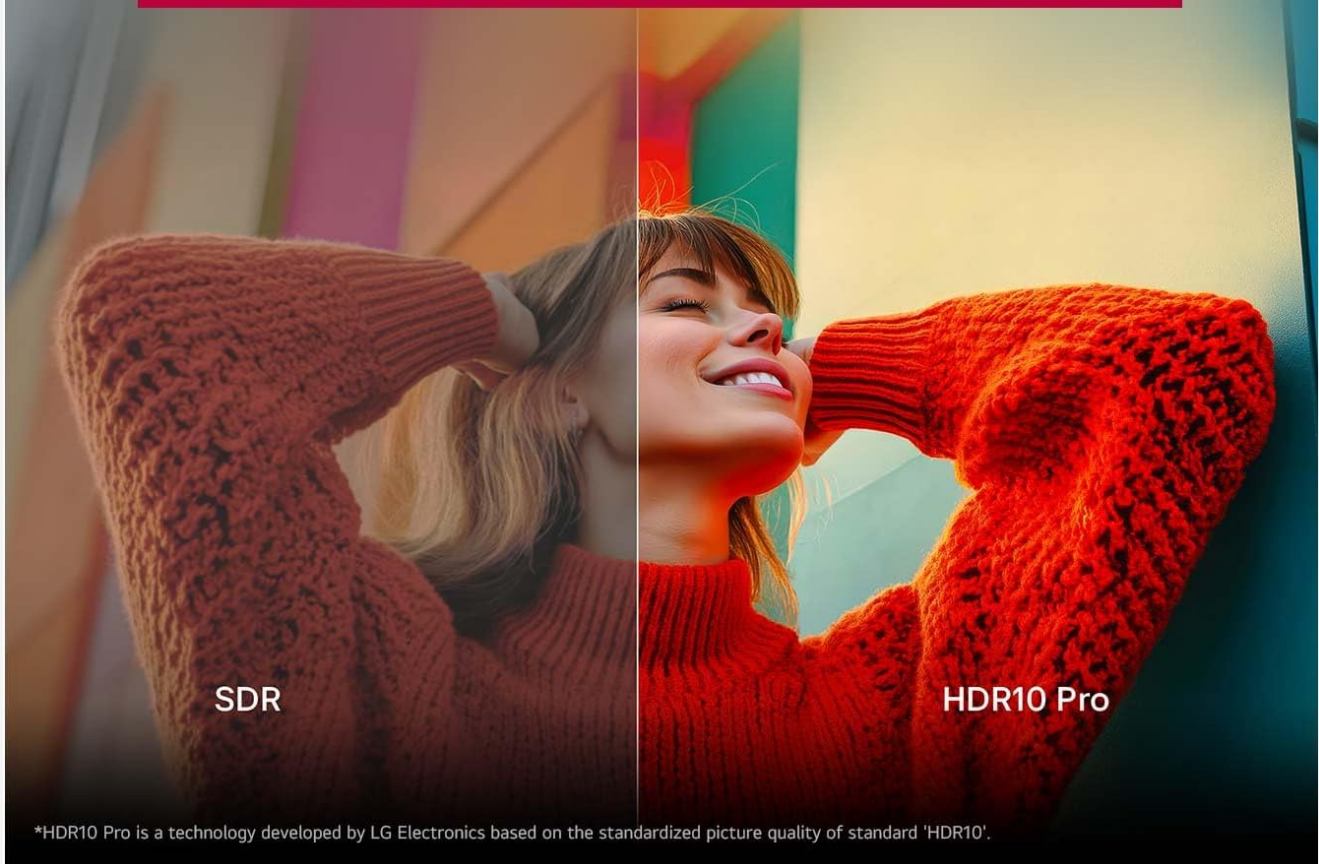
Your LG Smart TV offers various connectivity options:

- **HDMI Ports (x3):** Connect Blu-ray players, gaming consoles, or set-top boxes.
- **USB 2.0 Port (x1):** Connect USB storage devices for media playback.

- **Ethernet Port:** For a wired internet connection.
- **RF Input:** For antenna or cable connection.
- **Optical Audio Output:** For connecting to external sound systems.

# HDR10 Pro

Vibrant colors and brightness takes the screen resolution to new heights. Jump into elevated image quality with sharper contrast.



Rear view of the TV, highlighting various input and output ports for connecting external devices.

## 3.4 Initial Power On and Network Setup

After connecting the power cable, press the power button on the remote control. Follow the on-screen instructions to complete the initial setup, including language selection, time zone, and network connection (Wi-Fi or Ethernet). The TV supports Bluetooth 5 for wireless accessories.

## 4. OPERATING INSTRUCTIONS

### 4.1 Smart Features with webOS and AI Magic Remote

Your LG Smart TV runs on the webOS operating system, offering an intuitive interface. The AI Magic Remote allows for easy navigation, functioning like an air mouse. It also features dedicated AI buttons for enhanced smart functionalities.



The AI Magic Remote, illustrating its various AI-powered functions like AI Chatbot, AI Concierge, AI Search, AI Picture Wizard, AI Voice ID, and AI Sound Wizard.

Key AI features include:

- **AI Voice ID:** Recognizes individual voice signatures for personalized content recommendations.
- **AI Search:** Provides personalized recommendations and answers to your requests.
- **AI Concierge:** Offers customized keywords and recommendations based on your search and viewing history.
- **AI Chatbot:** Understands your intent and provides solutions from configuring settings to troubleshooting.

Your browser does not support the video tag.

Video demonstrating the AI Search and AI Magic Remote features, showing how users can find content and plan activities using voice commands.

## 4.2 Picture Settings

Your TV delivers stunning visuals with:

- **True 4K UHD Resolution:** Experience incredible clarity and detail.
- **α7 AI Processor Gen8:** Upscales 4K visuals with enhanced color and brightness.



A visual representation of the LG α7 AI Processor Gen8, highlighting its role in enhancing 4K visuals.

- **4K Super Upscaling:** Boosts lower resolution content to near 4K quality.



Image demonstrating the effect of 4K Super Upscaling, showing improved resolution, brightness, and clarity.

- **HDR10 Pro:** Delivers vibrant colors and enhanced contrast for elevated image quality. Supports HDR Vivid, HDR10+, and HLG formats.



Comparison image showing the difference between SDR and HDR10 Pro in terms of color and brightness.

- **Filmmaker Mode:** Preserves the director's original vision by disabling motion smoothing and other processing.

## 4.3 Sound Settings

The TV features 20 Watts of maximum speaker output power and supports advanced audio formats:

- Dolby Audio
- DTS Digital Surround
- DTS Virtual:X
- Surround Sound Channel Configuration: 9.1.2

## 4.4 Supported Internet Services

Access a wide range of streaming services directly from your TV:

- Apple TV
- Prime Video
- Disney+
- Netflix
- YouTube

## 4.5 Gaming Features

Enhance your gaming experience with:

- **ALLM (Auto Low Latency Mode):** Automatically switches to a low-latency mode for responsive gaming.
- **HDMI 2.0 eARC:** Enhanced Audio Return Channel for high-quality audio passthrough.

- **Game Optimizer:** Provides settings to fine-tune your gaming experience.
- **HGiG:** HDR Gaming Interest Group support for optimal HDR gaming.

## 4.6 Screen Mirroring

Share content from your compatible devices to the TV using:

- AirPlay 2
- Google Cast
- Smart Share
- Smart View
- Miracast

## 5. MAINTENANCE

To ensure the longevity and optimal performance of your LG TV:

- **Cleaning the Screen:** Gently wipe the screen with a soft, dry, lint-free cloth. For stubborn marks, slightly dampen the cloth with water or a specialized screen cleaner. Avoid harsh chemicals.
- **Cleaning the Casing:** Use a soft, dry cloth to clean the TV casing.
- **Ventilation:** Ensure the ventilation openings on the back of the TV are not blocked to prevent overheating.
- **Power Cord:** Regularly check the power cord for any damage.

## 6. TROUBLESHOOTING

If you encounter issues with your TV, try the following solutions before contacting support:

Problem	Possible Solution
No power	Check if the power cord is securely plugged into the TV and the wall outlet. Ensure the outlet is functional.
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 the volume level and mute settings. Ensure external audio systems are properly connected and powered on.
Remote control not working	Replace the AAA batteries (2 required). Ensure there are no obstructions between the remote and the TV.
Cannot connect to Wi-Fi	Restart your router and modem. Check Wi-Fi password. Try a wired Ethernet connection if available.

## 7. SPECIFICATIONS

Detailed technical specifications for the LG 43 Inch UHD 4K Smart TV, Model 43UA85006LA.AFU:

Feature	Detail
Brand Name	LG

Feature	Detail
Model Number	43UA85006LA
Manufacturing Year	2025
Screen Size	43 Inch
Display Technology	LED
Resolution	4K UHD
Refresh Rate	60 Hz
Special Features	Smart Voice Recognition, Bezel-less Design, Chromecast, Game Mode
Included Components	Power Cable, Remote Control, Stand
Connectivity Technology	HDMI, RF, USB, Ethernet, Wi-Fi
Product Dimensions (Depth x Width x Height)	6 x 97 x 57 cm
Supported Internet Services	Apple TV, Prime Video, Disney+, Netflix, YouTube
Screen Surface Description	Glossy
HDR Format Support	HDR Vivid, HDR10+, HLG
Image Enhancement Technology	AI 4K Upscaling
Screen Backlight Technology	LED
Item Weight	16 kg
Weight without Stand	12 kg
Total HDMI Ports	3
Hardware Interface	HDMI, USB, Ethernet, Bluetooth
Wireless Communication Technology	Bluetooth, Wi-Fi
Screen Mirroring Technology	AirPlay 2, Google Cast, Smart Share, Smart View, Miracast
Bluetooth Version	5
Connector Type	HDMI, USB, Ethernet, Optical
Total USB 2.0 Ports	1
Color	Black
Compatible Devices	Speaker, Tablet, Laptop, Gaming Console, Smartphone
Water Resistance Level	Not Water Resistant

Feature	Detail
Audio Decoding	DD
Maximum Speaker Output Power	20 Watts
Surround Sound Channel Configuration	9.1.2
Built-in Surround Sound Format	DTS Digital Surround, DTS Virtual:X, Dolby Audio
Operating System	webOS
Memory Storage Capacity	8 GB
Control Method	Voice, Remote, App
Remote Control Battery Size Required	AAA
Remote Control Battery Quantity Required	2
Country of Manufacture	Egypt

## 8. WARRANTY AND SUPPORT

This product is eligible for a two-year limited warranty provided by the manufacturer/brand from the date of purchase. For more details regarding warranty claims or technical support, please contact LG customer service or the seller directly. The webOS Re:New program offers free annual updates for 5 years, ensuring your TV's smart features remain current.