



Manuals.plus /

- › LG /
- › LG 43QNED70A 43 inch Class 70A Series QNED AI 4K Smart TV (2025) User Manual

## LG 43QNED70A

# LG 43QNED70A 43 inch Class 70A Series QNED AI 4K Smart TV (2025) User Manual

Model: 43QNED70A

## INTRODUCTION

---

Thank you for purchasing the LG 43QNED70A 43 inch Class 70A Series QNED AI 4K Smart TV. This manual provides essential information for the safe and efficient use of your television. Please read it thoroughly before operating the product and retain it for future reference.



Verify that all items are present in your product box:

- LG 43QNED70A 43 inch QNED AI 4K Smart TV
- AI Magic Remote Control
- Power Cord
- TV Stand (2 pieces) and Screws
- User Manual (this document)
- Batteries for Remote Control (AA or AAA, depending on region)

## SETUP

---

### 1. Physical Setup (Stand Installation or Wall Mounting)

Before installing the TV, ensure the power cord is disconnected. Place the TV face down on a soft cloth or cushion to protect the screen.

#### Stand Installation:

1. Align the two stand pieces with the corresponding slots on the bottom of the TV.
2. Secure the stands using the provided screws. Ensure they are tightened firmly.
3. Carefully lift the TV to an upright position on a stable surface.

#### Wall Mounting:

This TV supports VESA mount standard 200 x 200 mm. Wall mounting requires a compatible wall mount bracket (sold separately) and professional installation. Refer to the wall mount bracket's instructions for proper installation.

### 2. Connecting External Devices

Your LG 43QNED70A TV provides various ports for connecting external devices such as Blu-ray players, game consoles, soundbars, and USB storage devices.

# Alpha 7 AI Processor Gen8

Enhanced brightness, improved sound,  
refined picture detail  
with 4K upscaling\* and Dynamic Tone Mapping Pro.



\*Image quality of upscaled content will vary based on source solution.

Figure 2: Rear view of the TV with input ports.

- **HDMI Ports:** Connect high-definition devices like Blu-ray players or game consoles. This model has 1 HDMI port.
- **USB Ports:** Connect USB storage devices for media playback. This model has 1 USB 3.0 port.
- **Audio Input (RCA):** For connecting older audio devices.
- **Ethernet Port:** For a wired internet connection.

After connecting devices, ensure all cables are securely fastened.

### 3. Initial Power On and Network Setup

1. Connect the power cord to the TV and then to a wall outlet.
2. Press the power button on the remote control or the TV to turn it on.
3. Follow the on-screen instructions for the initial setup, which includes language selection, country, and network connection.
4. For network setup, you can choose between Wi-Fi or a wired Ethernet connection. Follow the prompts to connect to your home network.

## 1. AI Magic Remote Control Overview

The AI Magic Remote allows for intuitive control of your TV with point-and-click, scrolling, and voice commands.



Figure 3: LG AI Magic Remote Control.

# 4K Super Upscaling

Transform your regular content into 4K  
for sharper definition  
with detail, even on our biggest screens



\*Image quality of upscaled content will vary based on source resolution

Figure 4: Key features of the AI Magic Remote.

- **Power Button:** Turns the TV on or off.
- **AI Button:** Activates AI features for search and recommendations.
- **Scroll Wheel (OK Button):** Navigates menus and confirms selections.
- **Directional Buttons:** Moves cursor or navigates menus.
- **Home Button:** Accesses the webOS Smart TV home screen.
- **Volume/Channel Buttons:** Adjusts volume and changes channels.
- **Streaming Service Buttons:** Quick access to popular streaming apps like Netflix, Prime Video, Disney+, and LG Channels.

## 2. Smart TV Features (webOS)

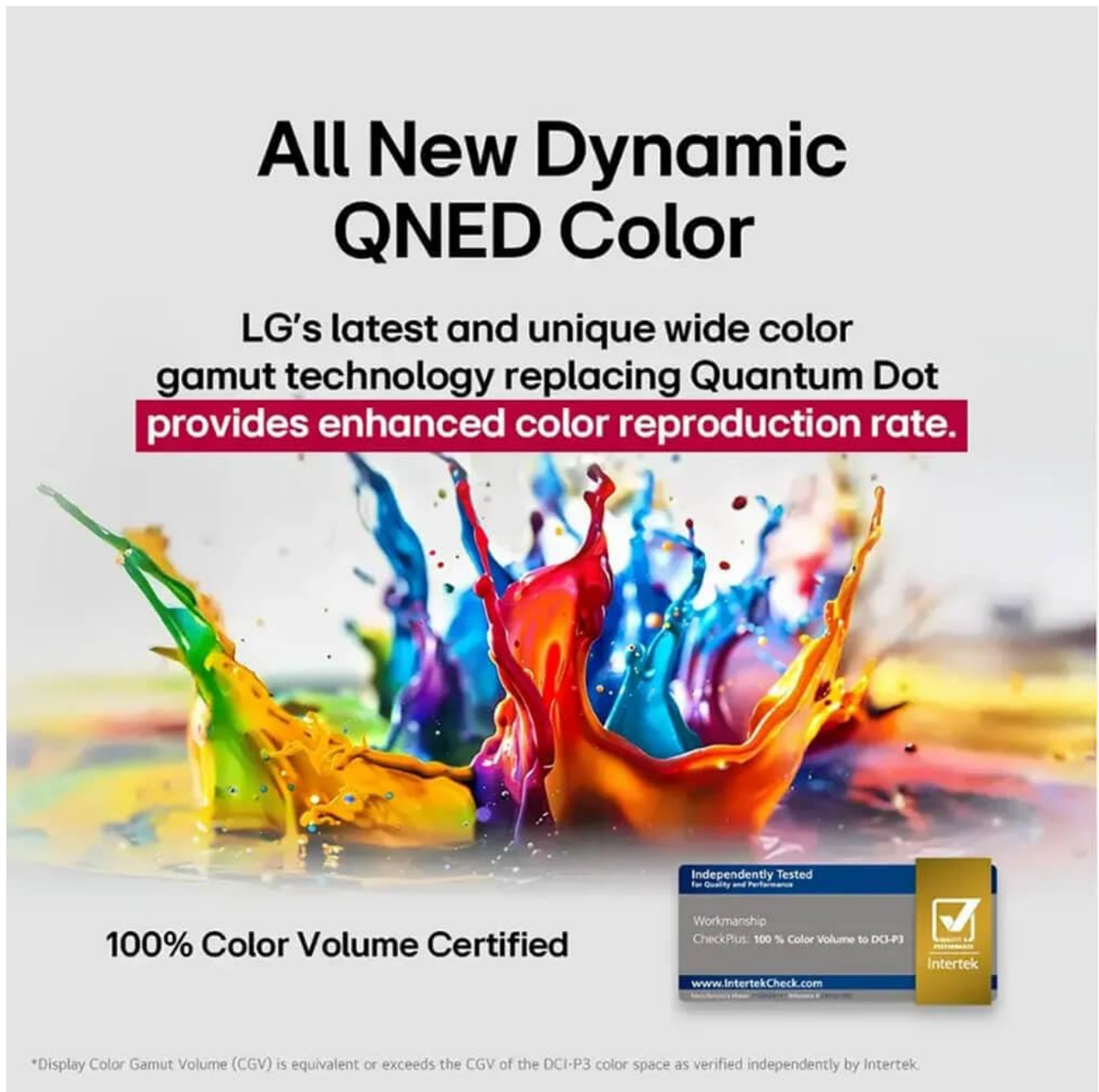
Your LG QNED AI 4K Smart TV runs on webOS, providing a user-friendly interface for accessing content and applications.

- **AI Search & Recommendations:** Use voice commands or the AI button to search for content, get personalized recommendations, and control smart home devices.
- **Streaming Services:** Access a wide range of popular streaming applications directly from the home screen.

- **LG Channels:** Enjoy free access to a variety of streaming channels provided by LG.

### 3. Picture and Sound Settings

Optimize your viewing experience with advanced picture and sound technologies.



**All New Dynamic QNED Color**

LG's latest and unique wide color gamut technology replacing Quantum Dot provides enhanced color reproduction rate.

**100% Color Volume Certified**

Independently Tested  
For Quality and Performance

Workmanship  
CheckPlus: 100 % Color Volume to DCI-P3

[www.IntertekCheck.com](http://www.IntertekCheck.com)

Intertek

\*Display Color Gamut Volume (CGV) is equivalent or exceeds the CGV of the DCI-P3 color space as verified independently by Intertek.

Figure 5: Dynamic QNED Color technology for enhanced color reproduction.

# HDR10 Pro

HDR10 Pro delivers a dramatic visual experience by

**enhancing each color on your screen for a “wow” effect.**

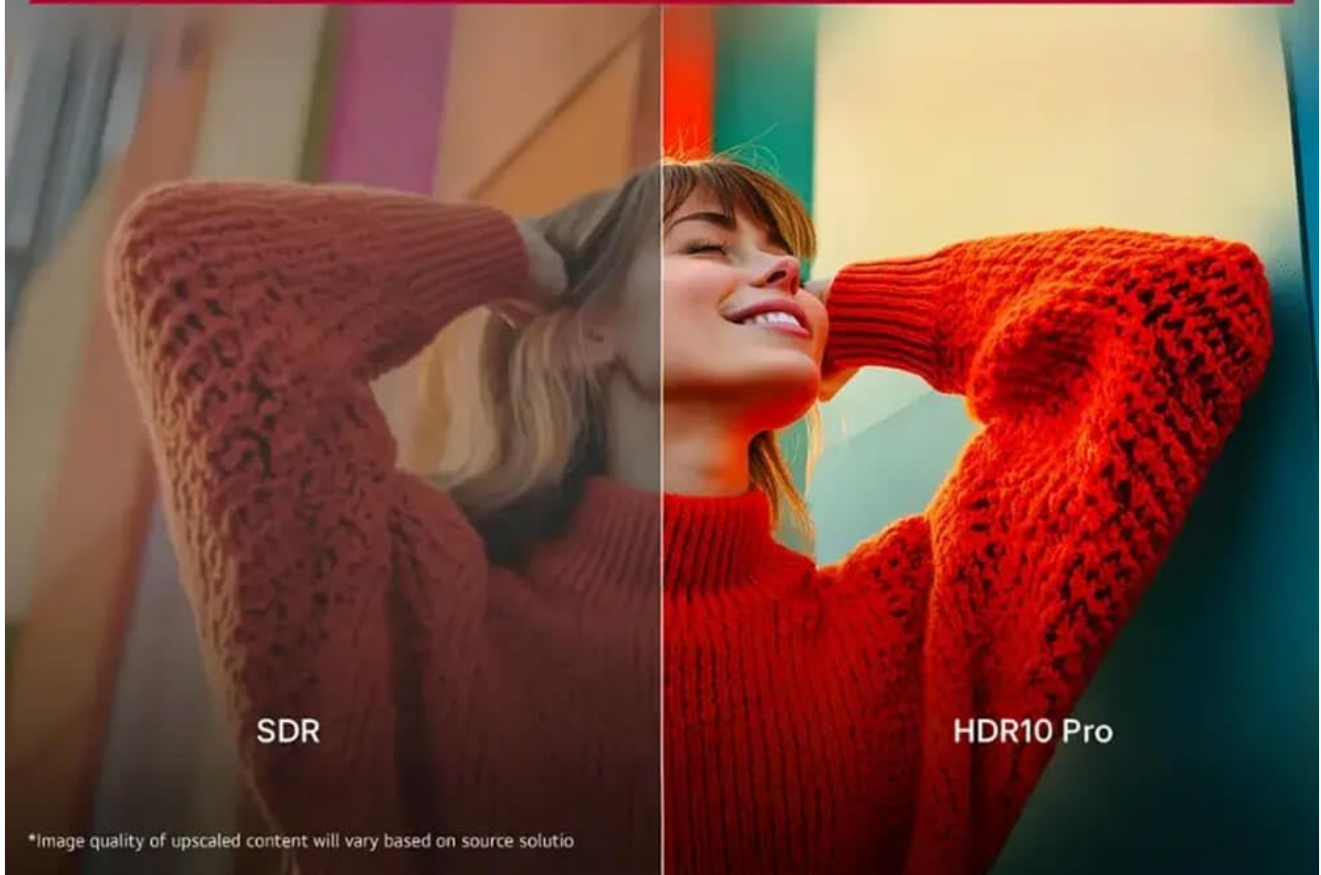


Figure 6: The  $\alpha 7$  AI Processor Gen8 enhances brightness, sound, and picture detail.



Figure 7: HDR10 Pro delivers a dramatic visual experience by enhancing colors.



Figure 8: 4K Super Upscaling transforms regular content into sharper 4K definition.

- **Picture Mode:** Select from various preset picture modes (e.g., Vivid, Standard, Cinema, Game, Filmmaker Mode) or customize settings like brightness, contrast, and color.
- **Sound Mode:** Choose sound presets (e.g., Standard, Cinema, Clear Voice) or adjust equalizer settings. The TV also supports immersive sound with LG Soundbars.
- **AI Picture Pro / AI Sound Pro:** The  $\alpha 7$  AI Processor Gen8 automatically optimizes picture and sound based on content and environment.
- **Dynamic Tone Mapping:** Enhances HDR content for optimal brightness and contrast.

## MAINTENANCE

---

### 1. Cleaning the Screen and Cabinet

To maintain the appearance and performance of your TV:

- **Screen:** Gently wipe the screen with a soft, dry microfiber cloth. For stubborn marks, lightly dampen the cloth with water or a specialized screen cleaner (do not spray directly on the screen).
- **Cabinet:** Wipe the cabinet with a soft, dry cloth. Avoid using abrasive cleaners, waxes, or solvents.
- Always unplug the TV before cleaning.

### 2. Software Updates

LG regularly releases software updates to improve performance and add new features. Ensure your TV is connected to the internet to receive these updates.

- Navigate to **Settings > All Settings > General > About This TV > Check for Updates**
- Follow the on-screen prompts to download and install any available updates.

## TROUBLESHOOTING

---

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

<b>Problem</b>	<b>Possible Solution</b>
No power / TV won't turn on	Check if the power cord is securely plugged into the TV and the wall outlet. Try a different outlet. Ensure the remote control batteries are not depleted.
No picture, but sound is present	Check the input source. Ensure external devices are powered on and connected correctly. Try a different HDMI cable.
No sound, but picture is present	Check the volume level. Ensure the TV is not muted. Check audio output settings (e.g., internal speakers, external soundbar).
Remote control not working	Replace the batteries. Ensure there are no obstructions between the remote and the TV. Repair the AI Magic Remote if necessary (refer to the on-screen guide).
Poor picture quality	Check the input source resolution. Adjust picture settings (brightness, contrast, sharpness). Ensure the antenna/cable connection is secure.
Cannot connect to Wi-Fi	Ensure your Wi-Fi router is on and working. Re-enter the Wi-Fi password. Try restarting the TV and router.

If the problem persists after trying these solutions, please contact LG customer support.

## **SPECIFICATIONS**

---

Detailed technical specifications for the LG 43QNED70A Smart TV:

Feature	Specification
Model Name	43QNED70A
Screen Size	43 Inches
Display Technology	QNED
Resolution	4K (3840 x 2160)
Refresh Rate	120 Hz
Aspect Ratio	16:9
Processor	α7 AI Processor Gen8
Picture Quality Enhancement	Dynamic Tone Mapping, HDR10 Pro
Display Backlight Technology	Self-Luminous
Supported Internet Services	Netflix, YouTube, Amazon Prime, etc.
Color	Black
Model Year	2025
Total HDMI Ports	1
Total USB 3.0 Ports	1
Audio Input	USB, RCA
Control Method	Remote
VESA Mount Standard	200 x 200 mm
Manufacturer	LG

## WARRANTY AND SUPPORT

---

Your LG 43QNED70A TV comes with a limited warranty. Please refer to the warranty card included in your package for specific terms and conditions, including coverage duration and limitations.

For technical support, service, or warranty claims, please contact LG Customer Service:

- **Website:** Visit the official LG website for support resources, FAQs, and contact information.  
[www.lg.com/us/support](http://www.lg.com/us/support)
- **Phone:** Refer to your warranty card or the LG website for the appropriate customer service phone number in your region.

When contacting support, please have your TV's model number (43QNED70A) and serial number ready.