

## LG 43QNED82AUA

# LG 43-Inch Class QNED AI 4K Smart TV (Model 43QNED82AUA) User Manual

Your guide to setting up and enjoying your new LG QNED AI 4K Smart TV.

## 1. INTRODUCTION

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Thank you for purchasing the LG 43-Inch Class QNED AI 4K Smart TV. This manual provides essential information for the safe and efficient operation of your television. Please read it thoroughly before use and keep it for future reference.

The LG QNED AI 4K TV offers vivid, immersive color with its wide color gamut technology, enhanced by the  $\alpha 7$  AI Processor Gen8. It intelligently optimizes picture and sound based on content. Powered by LG webOS 24, it provides a streamlined streaming experience with customizable Quick Cards and the Magic Remote. Enjoy virtual 5.1 surround sound, FILMMAKER MODE, and advanced gaming features like FreeSync, VRR, and GeForce NOW.

## 2. 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.

- Do not expose the TV to rain or moisture.
- Do not open the TV casing; refer all servicing to qualified personnel.
- Ensure proper ventilation and do not block ventilation openings.
- Use only the power cord supplied with the TV.
- Keep the TV away from heat sources and direct sunlight.
- Avoid placing heavy objects on the power cord or TV.

## 3. WHAT'S IN THE BOX

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Verify that all components are present:

- LG 43-Inch Class QNED AI 4K Smart TV
- Power Cable
- Remote Control (2 AAA batteries included)
- Stand components
- User Manual (this document)

## 4. SETUP

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### 4.1 Attaching the Stand

Carefully place the TV screen-down on a soft, flat surface. Attach the stand components to the designated slots on the bottom of the TV using the provided screws. Ensure the stand is securely fastened before placing the TV upright.



*Image: Rear view of the LG 43QNED82AUA TV with its stand.*

### 4.2 Wall Mounting (Optional)

This TV supports VESA mount standard 200 x 200 mm. For wall mounting, remove the stand and use a compatible wall mount bracket (sold separately). Follow the instructions provided with your wall mount.

### 4.3 Connecting Devices

Connect your external devices (cable box, Blu-ray player, gaming console, etc.) to the appropriate ports on the TV. The TV features 3 HDMI ports, 1 USB port, Ethernet, and S/PDIF (Optical) for audio output.



*Image: Connectivity ports on the back of the LG 43QNED82AUA TV.*

## 4.4 Power On

Plug the power cable into the TV and then into a wall outlet. Press the power button on the remote control or on the TV to turn it on. Follow the on-screen instructions for initial setup, including network connection and channel scanning.

## 5. OPERATING YOUR TV

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### 5.1 Remote Control

The included Magic Remote allows for intuitive control with point-and-click functionality, voice commands, and a scroll wheel. Insert the two AAA batteries (included) into the remote control.

### 5.2 WebOS 24 Smart Platform

Your TV runs on LG's webOS 24 operating system. Navigate through apps, settings, and inputs using the customizable Quick Cards. Access popular streaming services like Netflix, Prime Video, Disney Plus, HBO Max, and Apple TV directly from the home screen.

### 5.3 Picture and Sound Settings

Access the settings menu to adjust picture modes (e.g., Standard, Vivid, Cinema, Filmmaker Mode) and sound modes (e.g., AI Sound Pro, Standard, Cinema). The  $\alpha 7$  AI Processor Gen8 automatically optimizes these settings based on the content being viewed.



*Image: Dynamic QNED Color representation.*

## **6. SMART FEATURES AND AI**

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### **6.1 AI Picture and Sound**

The  $\alpha 7$  AI Processor Gen8 enhances brightness, improves sound, and refines picture detail with 4K upscaling and Dynamic Tone Mapping. AI Sound Pro provides virtual 5.1 surround sound, and WOW Orchestra integrates TV speakers with compatible LG soundbars for an enhanced audio experience.

### **6.2 Voice Assistance and AI Search**

Your TV has Alexa Built-in. Press the Alexa button on your remote to activate voice commands. Utilize AI Search for personalized recommendations and to find content quickly. The TV also supports Google Assistant, Apple AirPlay 2, and Google Cast for seamless integration with your smart home ecosystem.

# AI Search

AI Search provides personalized recommendations to your requests.

Get additional solutions with Microsoft Copilot.



\*AI Search is available on OLED, QNED, NanoCell, and UHD TVs released from 2024 onwards.  
\*The US and Korea use the LLM Model.  
\*Internet connection required.

Image: LG AI Search interface.

## 7. GAMING FEATURES

The LG QNED AI 4K TV is designed for an optimal gaming experience with a 60 Hz native refresh rate, which can be boosted up to 144 Hz with VRR (Variable Refresh Rate) enabled. It supports FreeSync and features LG Game Optimizer and Game Dashboard for quick access to gaming settings.

- **FreeSync & VRR:** Reduces screen tearing and stuttering for smoother gameplay.
- **Game Optimizer & Dashboard:** Centralized hub for adjusting game settings, including genre-specific picture modes.
- **Cloud Gaming:** Access GeForce NOW and Xbox Cloud Gaming (subscriptions and compatible controllers required).
- **ALLM (Auto Low Latency Mode):** Automatically switches to a low-latency mode when a game console is detected.



*Image: Gaming experience on the LG 43QNED82AUA TV.*

## 8. CONNECTIVITY

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Your LG QNED AI 4K Smart TV offers a variety of connectivity options:

- **HDMI:** 3 ports for connecting external devices.
- **USB:** 1 port for media playback or connecting USB devices.
- **Ethernet:** For wired internet connection.
- **Wi-Fi:** Built-in for wireless internet access.
- **Bluetooth 5.0:** For connecting wireless headphones, soundbars, or other Bluetooth devices.
- **Optical (S/PDIF):** For digital audio output to sound systems.
- **Screen Mirroring:** Supports AirPlay 2 and Google Cast for casting content from mobile devices.

## 9. MAINTENANCE

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### 9.1 Cleaning the TV

Unplug the TV before cleaning. Use a soft, dry cloth to wipe the screen and exterior. For stubborn marks, lightly dampen the cloth with water or a specialized screen cleaner. Avoid using harsh chemicals or abrasive materials.

### 9.2 Software Updates

Ensure your TV's software is up to date for optimal performance and new features. Software updates auto-download when connected to the internet. If "auto-update" is disabled, you will receive a prompt to update manually.

## 10. TROUBLESHOOTING

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

| Problem                          | Solution  |
|----------------------------------|---|
| No power                         | Check power cable connection, wall outlet, and remote batteries.                                    |
| No picture, but sound is present | Verify input source, check cable connections, try a different HDMI port.                            |
| No sound, but picture is present | Check volume, mute status, audio output settings, and external audio device connections.            |
| Remote control not working       | Replace batteries, ensure no obstructions between remote and TV, re-pair Magic Remote if necessary. |
| Poor picture quality             | Adjust picture settings, check source resolution, ensure strong signal for broadcast channels.      |
| Cannot connect to Wi-Fi          | Restart router, check Wi-Fi password, ensure TV is within range, try wired Ethernet connection.     |

For further assistance, please refer to the full electronic manual available on the LG support website or contact LG customer support.

## 11. SPECIFICATIONS

| Feature                 | Detail  |
|-------------------------|---|
| Screen Size             | 43 Inches   |
| Display Technology      | LED (QNED)  |
| Resolution              | 4K (3840 x 2160)  |
| Refresh Rate            | 60 Hz (Native), up to 144 Hz (VRR)                                |
| Processor               | α7 AI Processor Gen8  |
| HDR Support             | HDR10, HLG  |
| Operating System        | webOS 24  |
| Connectivity            | Wi-Fi, Bluetooth 5.0, Ethernet, 3x HDMI, 1x USB, Optical (S/PDIF) |
| Voice Assistants        | Alexa Built-in, Google Assistant compatible                       |
| Dimensions (with stand) | 10.1"D x 38.1"W x 25"H  |
| Weight (without stand)  | 20.7 Pounds   |
| VESA Mount Standard     | 200 x 200 mm  |
| Power Consumption       | 82 Watts  |

| Feature                   | Detail                      |
|---------------------------|-----------------------------|
| Annual Energy Consumption | 152 Kilowatt Hours Per Year |

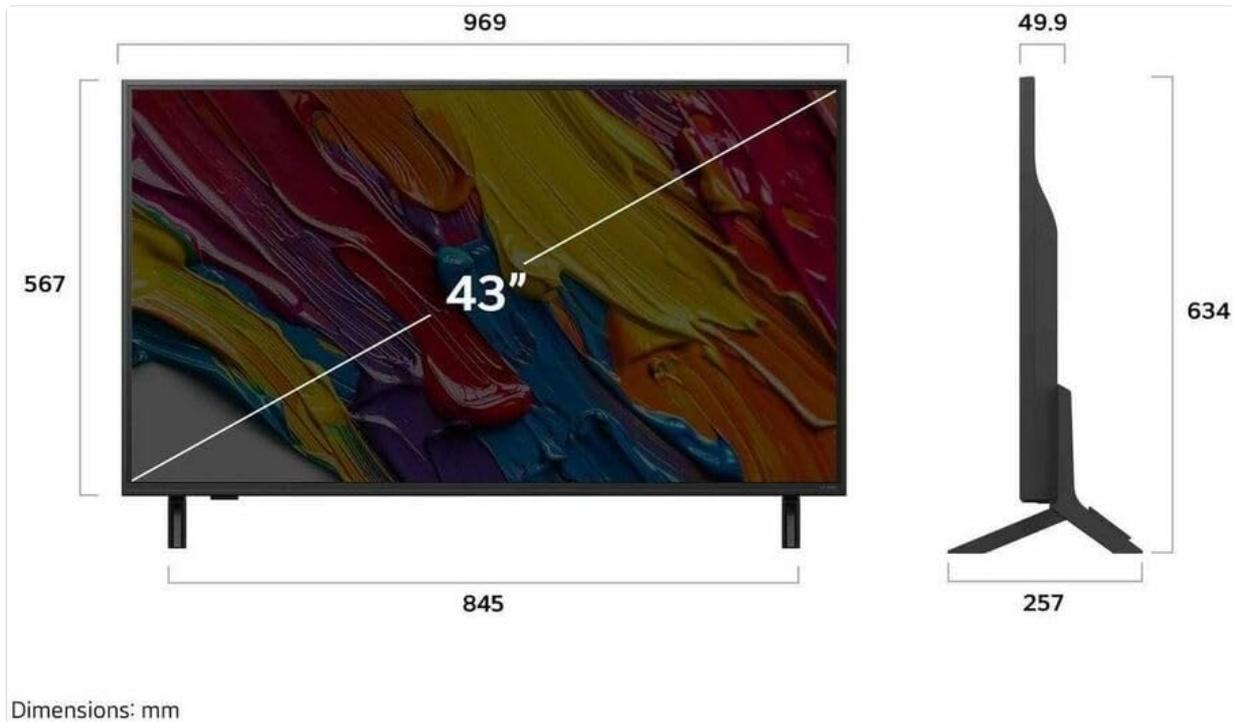


Image: LG 43QNE82AUA TV dimensions.

## 12. WARRANTY AND SUPPORT

### 12.1 Warranty Information

This LG TV comes with a 1 Year Parts & Labor Limited Warranty. Please retain your proof of purchase for warranty claims. For full warranty terms and conditions, refer to the warranty card included with your product or visit the official LG website.

### 12.2 Customer Support

For technical support, product registration, or service inquiries, please visit the LG support website or contact their customer service hotline. Contact information can be found on the LG official website or in the documentation provided with your TV.