

LG 43QNED82AUA

LG 43QNED82AUA 43 Inch QNED AI 4K Smart TV Instruction Manual

Model: 43QNED82AUA

1. INTRODUCTION

This manual provides detailed instructions for the safe and efficient use of your LG 43QNED82AUA 43 Inch QNED AI 4K Smart TV, along with the included Walts Large/Extra Large Full Motion Mount and Amber Protection 3-Outlet-Surge Surge Protector. Please read this manual thoroughly before installation and operation, and retain it for future reference.

Package Contents

- LG 43QNED82AUA 43 Inch QNED AI 4K Smart TV
- Magic Remote Control
- Power Cable
- Walts Large/Extra Large Full Motion Mount
- Amber Protection 3-Outlet-Surge Surge Protector
- User Manuals and Documentation



Figure 1.1: Front view of the LG 43QNE82AUA 43 Inch QNED AI 4K Smart TV.



Figure 1.2: Side view of the LG 43QNE82AUA 43 Inch QNED AI 4K Smart TV, showing the included stand.

2. SETUP

2.1 Unpacking and Initial Inspection

Carefully remove all components from the packaging. Inspect for any signs of damage. If any items are missing or damaged, contact your retailer immediately.

2.2 Mounting the TV (Walts Full Motion Mount)

The Walts Large/Extra Large Full Motion Mount allows for flexible positioning of your TV. Ensure the mounting surface is strong enough to support the weight of the TV and mount. The TV supports VESA 200 x 200 mounting patterns. The mount is compatible with VESA patterns up to 700mm x 500mm.

1. **Attach TV Brackets:** Secure the vertical brackets to the back of your LG TV using the appropriate screws provided with the mount. Ensure they are aligned with the VESA mounting holes.
2. **Install Wall Plate:** Locate wall studs and securely attach the wall plate of the mount to the wall using the provided hardware. Use a level to ensure it is straight.
3. **Hang TV:** Carefully lift the TV and hook the attached brackets onto the wall plate. Secure the TV to the mount according to the mount's specific instructions.
4. **Adjust Position:** Utilize the full motion capabilities to extend, swivel, and tilt the TV to your desired viewing angle.



Figure 2.1: Walts Full Motion Mount in an extended position.



Figure 2.2: Front view of the Walts Full Motion Mount.

2.3 Connecting Power and Peripherals

1. **Surge Protector:** Plug the Amber Protection 3-Outlet-Surge Surge Protector into a wall outlet. The LED indicator will glow blue when working, confirming protection for your devices up to 1225 Joules.
2. **Power Cable:** Connect the TV's power cable to the TV and then to one of the outlets on the Amber Protection Surge Protector.
3. **HDMI Devices:** Connect external devices (e.g., Blu-ray player, game console) to the TV's HDMI ports (3 available).
4. **USB Devices:** Connect USB storage devices to the TV's USB port (1 available).
5. **Antenna/Cable:** Connect your antenna or cable TV source to the RF Input.
6. **Optical Audio:** For external audio systems, connect an optical cable to the SPDIF (Optical Digital Audio Out) port.



Figure 2.3: Amber Protection 3-Outlet-Surge Surge Protector.

2.4 Initial Setup Wizard

Upon first power-on, the TV will guide you through an initial setup process. This includes language selection, network connection (Wi-Fi 5), channel scanning, and remote control pairing.

3. OPERATING INSTRUCTIONS

3.1 Magic Remote Control

The Magic Remote Control allows for intuitive navigation using point-and-click, scroll, and voice commands. Refer to the separate Magic Remote manual for detailed button functions.

3.2 Smart TV Features (webOS 25)

Your LG TV runs on webOS 25, providing access to a wide range of streaming services and applications. Supported services include Netflix, Max, Disney+, YouTube, Prime Video, ESPN, Apple TV, Sling TV, and more. Navigate the home screen to access apps, inputs, and settings.

3.3 Picture and Display Settings

- **Dynamic QNED Color:** Experience vibrant and accurate colors with 100% Color Volume.
- **Dimming Pro:** Enhances contrast with precise local dimming control.
- **HDR10 Pro:** Delivers a dramatic visual experience with improved brightness and contrast in compatible content.
- **Alpha 7 AI Processor Gen8:** This processor automatically optimizes picture and sound quality, including 4K upscaling and Dynamic Tone Mapping Pro.

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



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

Figure 3.1: Visual representation of Dynamic QNED Color technology.

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 3.2: Close-up of the Alpha 7 AI Processor Gen8 chip.

3.4 Audio Settings

- **LG Sound Sync:** Wirelessly connect compatible LG soundbars or speakers.
- **Sound Mode Share:** Share sound settings across compatible devices.
- **Bluetooth Surround Ready:** Connect Bluetooth speakers for a surround sound experience.
- **WOW Orchestra:** Integrates TV speakers with a compatible soundbar for enhanced audio.

3.5 AI Features and Connectivity

- **AI Concierge, AI Search, AI Chatbot, Voice ID:** Utilize these features for personalized content recommendations, quick searches, and voice recognition.
- **Smart Home Integration:** Compatible with Google Assistant, Amazon Alexa, Apple Home, and Apple AirPlay2.
- **Game Service & ALLM:** Access gaming services and benefit from Auto Low Latency Mode for a smoother gaming experience.

4. MAINTENANCE

4.1 Cleaning the TV Screen and Body

Before cleaning, unplug the TV from the power outlet. Use a soft, dry cloth to gently wipe the screen and TV body. For stubborn marks, lightly dampen the cloth with water or a specialized screen cleaner. Avoid using harsh chemicals, abrasives, or direct spraying of liquids onto the TV.

4.2 Software Updates

Ensure your TV's software is up to date for optimal performance and security. You can usually check for and install updates through the TV's settings menu under "General" or "Support."

5. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power cable disconnected; surge protector off/tripped	Check power cable connection; ensure surge protector is on and functioning.
No picture, but sound is present	Incorrect input source selected; external device issue	Verify correct HDMI input; check external device power and connection.
No sound	Volume muted; external audio system issue; incorrect audio output setting	Unmute volume; check external audio system; adjust TV audio output settings.
Remote control not working	Batteries depleted; obstruction; remote not paired	Replace batteries; remove obstructions; re-pair Magic Remote (refer to remote manual).
Network connection issues	Wi-Fi signal weak; router issue; incorrect password	Restart router; check Wi-Fi password; move TV closer to router or use wired connection.

For further assistance, please refer to the LG support website or contact customer service.

6. SPECIFICATIONS

Feature	Detail
Screen Size	43 Inches
Brand	LG
Display Technology	QNED
Resolution	4K
Refresh Rate	60 Hz
Product Dimensions (D x W x H)	10.1"D x 38.1"W x 25"H
Item Weight	21.6 Pounds
Model Name	43QNED82AUA
Color	Black

Feature	Detail
Operating System	webOS 25
Controller Type	Magic Remote Control
Total Number of HDMI Ports	3
Total USB Ports	1
Wireless Technology	Bluetooth, Wi-Fi
Mounting Type	Wall Mount (VESA 200 x 200)
Model Year	2025
Supported Internet Services	Netflix, Max, Disney+, YouTube, Prime Video, ESPN, Apple TV, Sling TV, and More
Audio Output Mode	Surround
Number of Audio Channels	2

7. PRODUCT VIDEOS

Your browser does not support the video tag.

Video 7.1: An overview of the LG QNED82AUA Series TV, highlighting its key features and design. This video is provided by Walts TV.

8. WARRANTY AND SUPPORT

Your LG 43QNED82AUA TV comes with a manufacturer's warranty. Please refer to the warranty card included in your package for specific terms and conditions. For technical support, service, or warranty claims, please visit the official LG website or contact their customer service department. Keep your purchase receipt as proof of purchase. For support regarding the Walts Full Motion Mount or Amber Protection Surge Protector, please refer to their respective documentation or contact their customer support channels.