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› LG /

› LG QNED evo AI TV 55QNED86A 55" 4K Smart TV | Dolby Vision | AMD FreeSync Premium 55 inch QNED evo User Manual

LG 55QNED86ASA.ATC

LG QNED evo AI TV 55QNED86A User Manual

Model: 55QNED86ASA.ATC | Brand: LG

1. PRODUCT OVERVIEW

The LG QNED evo AI TV 55QNED86A is a 55-inch 4K Smart TV designed to deliver an immersive viewing experience. Featuring QNED evo display technology, an $\alpha 8$ AI Processor Gen2, and webOS 25, this television offers advanced picture and sound capabilities, along with smart functionalities for seamless entertainment.



Figure 1.1: Front view of the LG QNED evo AI TV 55QNED86A, showcasing its slim bezel and vibrant display.

Key Features:

- **Display:** QNED evo technology for enhanced color and contrast.

- **Processing:** α8 AI Processor Gen2 for optimized picture and sound.
- **AI Sound:** α8 AI Sound Pro for immersive audio.
- **Operating System:** webOS 25 for intuitive smart TV experience.
- **Connectivity:** 4 HDMI inputs, Bluetooth, Wi-Fi, USB.
- **Gaming:** AMD FreeSync Premium support for smooth gaming.

2. SAFETY INFORMATION

Please read all safety instructions carefully before using your television. Keep this manual for future reference.

- **Power:** Ensure the power cord is securely plugged into a grounded outlet. Do not overload power strips.
- **Placement:** Place the TV on a stable, level surface or mount it securely to a wall. Ensure adequate ventilation around the TV. Avoid direct sunlight, heat sources, and excessive dust.
- **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 before cleaning. Use a soft, dry cloth. Do not use liquid cleaners or aerosol cleaners.
- **Ventilation:** Do not block ventilation openings. Ensure there is sufficient space around the TV for proper airflow.
- **Lightning:** For added protection during a lightning storm or when left unattended for long periods, unplug the TV from the wall outlet and disconnect the antenna or cable system.

3. SETUP

3.1 Unpacking and Inspection

Carefully remove the TV and all accessories from the packaging. Check for any signs of damage. Retain the packaging for future transport or service.

3.2 Stand Assembly (Optional)

If you are not wall-mounting the TV, attach the stand according to the instructions provided in the separate stand assembly guide. Ensure all screws are tightened securely.

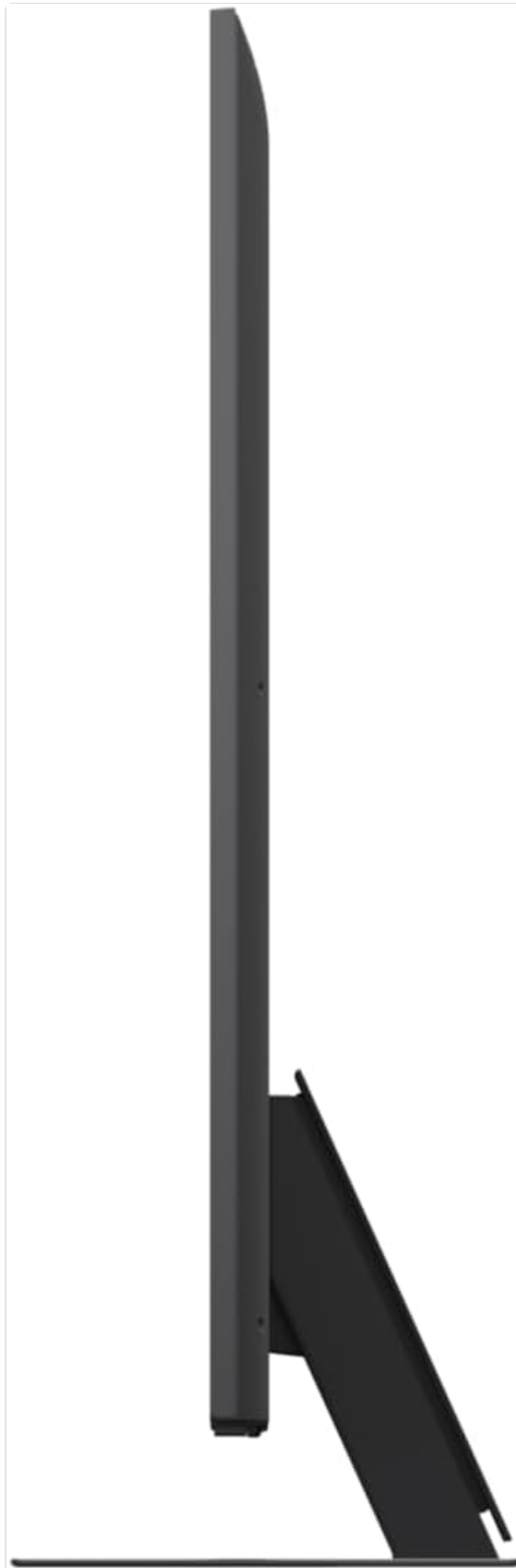


Figure 3.1: Side profile of the LG QNED evo AI TV, illustrating its slim design and the attached stand.

3.3 Connecting Power

1. Connect the power cable to the power input port on the back of the TV.
2. Plug the other end of the power cable into a wall outlet.

3.4 Connecting External Devices

The TV features multiple input ports for various devices. Refer to the back panel image for port locations.



Figure 3.2: Rear view of the LG QNED evo AI TV, highlighting the arrangement of HDMI, USB, and other connectivity ports.

- **HDMI:** Connect Blu-ray players, game consoles, or set-top boxes to the HDMI ports (4 available).
- **USB:** Connect USB storage devices for media playback.
- **Antenna/Cable:** Connect an antenna or cable TV signal.
- **Ethernet:** For a wired internet connection.

3.5 Initial Setup Wizard

Upon first power-on, the TV will guide you through the initial setup process. Follow the on-screen prompts to:

- Select language and country.
- Connect to a Wi-Fi network.
- Tune channels (if using antenna/cable).
- Agree to terms and conditions.

4. OPERATING INSTRUCTIONS

4.1 Using the Magic Remote

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

- **Power Button:** Turns the TV on/off.
- **Wheel (OK) Button:** Selects items and scrolls.
- **Voice Recognition Button:** Activates voice commands.
- **Home Button:** Accesses the webOS Home screen.
- **Input Button:** Changes input source.

4.2 Navigating webOS 25

The webOS 25 operating system provides a user-friendly interface for accessing apps, content, and settings.

- Press the **Home** button to open the Launcher Bar, which displays your installed apps and recommended content.
- Use the Magic Remote's pointer or directional buttons to navigate.
- Customize the Launcher Bar by rearranging or adding apps.

4.3 Picture and Sound Settings

Access settings to optimize your viewing and listening experience.

- **Picture Mode:** Select from various modes like Vivid, Standard, Cinema, Game, or customize your own.
- **AI Picture Pro:** Utilizes the α8 AI Processor Gen2 to automatically enhance picture quality based on content.
- **Sound Mode:** Choose from Standard, Cinema, Clear Voice, or AI Sound Pro.
- **AI Sound Pro:** Optimizes audio based on the room environment and content type.

4.4 Smart Features and Connectivity

- **Wi-Fi:** Connect to your home wireless network for internet access and streaming.
- **Bluetooth:** Pair Bluetooth devices such as headphones or soundbars.
- **App Store:** Download and install a wide range of applications from the LG Content Store.
- **Voice Assistant:** Use the built-in voice assistant for quick searches and controls.

4.5 Gaming Features

The TV supports AMD FreeSync Premium for a smoother gaming experience with compatible devices.

- **Game Optimizer:** Access dedicated gaming settings for low input lag and optimized visuals.
- **VRR (Variable Refresh Rate):** Ensures tear-free and stutter-free gameplay.

5. MAINTENANCE

5.1 Cleaning the TV

- **Screen:** Gently wipe the screen with a soft, dry microfiber cloth. For stubborn smudges, slightly dampen the cloth with water (do not spray directly on the screen).
- **Frame and Stand:** Use a soft, dry cloth to wipe the frame and stand.
- **Caution:** Do not use abrasive cleaners, waxes, or solvents. Always unplug the TV before cleaning.

5.2 Software Updates

Regularly check for and install software updates to ensure optimal performance and access to new features.

- Go to **Settings > Support > Software Update**.
- Enable automatic updates for convenience.

6. TROUBLESHOOTING

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

Problem	Possible Cause / Solution
No power	<p>Ensure the power cord is securely plugged into the TV and the wall outlet.</p> <p>Check if the wall outlet is working by plugging in another device.</p> <p>Press the power button on the TV itself, not just the remote.</p>
No picture, but sound is present	<p>Check the input source. Press the Input button on the remote to cycle through sources.</p> <p>Ensure external devices (e.g., Blu-ray player) are powered on and connected correctly.</p> <p>Try a different HDMI cable.</p>
No sound, but picture is present	<p>Check the volume level and ensure mute is not activated.</p> <p>Verify audio output settings (TV speakers, external soundbar).</p> <p>If using an external device, check its volume and audio settings.</p>
Remote control not working	<p>Replace the batteries in the Magic Remote.</p> <p>Ensure there are no obstructions between the remote and the TV.</p> <p>Re-pair the Magic Remote if necessary (refer to TV's on-screen guide).</p>
Cannot connect to Wi-Fi	<p>Ensure your Wi-Fi router is on and functioning.</p> <p>Re-enter the Wi-Fi password carefully.</p> <p>Move the TV closer to the router or consider a wired Ethernet connection.</p> <p>Restart both the TV and the router.</p>

7. SPECIFICATIONS

Feature	Specification
Model Name	QNED86A
Model Number	55QNED86ASA.ATC
Screen Size	55 Inches (140 cm)
Display Technology	QNED evo
Resolution	4K (3840 x 2160)
Refresh Rate	120 Hz
Processor	α8 AI Processor Gen2
Operating System	webOS 25
HDMI Inputs	4
Connectivity	Bluetooth, Wi-Fi, USB, HDMI
Included Components	Magic Remote, Remote Control Batteries, Power Cable
Product Dimensions (W x H x D)	123.6 cm x 78.6 cm x 26 cm (with stand)
Package Dimensions (W x H x D)	135.5 cm x 81.8 cm x 18.6 cm
Package Weight	24.22 kg

8. WARRANTY AND SUPPORT

LG provides a standard manufacturer's warranty for this product. Please refer to the warranty card included with your TV or visit the official LG website for detailed warranty terms and conditions specific to your region.

For technical support, service requests, or further assistance, please contact LG Customer Service or visit the LG support website:

- **LG Official Website:** www.lg.com/support
- Refer to the contact information provided in your product packaging for local support numbers.