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> LG 86QNED85AUA 86" QNED AI 4K Smart TV (2025) Instruction Manual

LG E1LG86QNED85AUA

LG 86QNED85AUA 86" QNED AI 4K Smart TV (2025) User Manual

Model: E1LG86QNED85AUA

INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, maintenance, and troubleshooting of your LG 86QNED85AUA 86" QNED AI 4K Smart TV. Please read this manual thoroughly before using your television to ensure proper and safe operation. Keep this manual for future reference.

IMPORTANT SAFETY INFORMATION

Always follow basic safety precautions when using this product to reduce the risk of fire, electric shock, and injury to persons. This includes, but is not limited to:

- Do not block ventilation openings.
- Do not install near any heat sources.
- Protect the power cord from being walked on or pinched.
- Only use attachments/accessories specified by the manufacturer.
- Unplug this apparatus during lightning storms or when unused for long periods.
- Refer all servicing to qualified service personnel.

WHAT'S IN THE BOX

Verify that all components are present before beginning setup:

- LG QNED evo AI QNED85A 4K HDR Smart Mini-LED TV
- Magic Remote MR25 with Battery
- Power Cable
- Deco Gear 6FT Universal 4K HDMI 2.0 Cable (x2)
- Deco Mount 37"-100" TV Wall Mount Bracket Bundle
- Stanley SurgePro 6 NT 750 Joule 6-Outlet Surge Adapter with Night Light



Image: The LG 86QNED85AUA 86-inch QNED AI 4K Smart TV shown with its included accessories: Magic Remote, power cable, two HDMI cables, a wall mount bracket, a surge protector, and a home theater guidebook.

SETUP

1. Unpacking and Placement

Carefully remove the TV and all accessories from the packaging. It is recommended to have at least two people for handling the 86-inch television due to its size and weight. Place the TV on a stable, level surface or prepare for wall mounting.



Image: Front view of the LG 86QNED85AUA 86-inch QNED AI 4K Smart TV, displaying a vibrant, colorful abstract image on its screen.

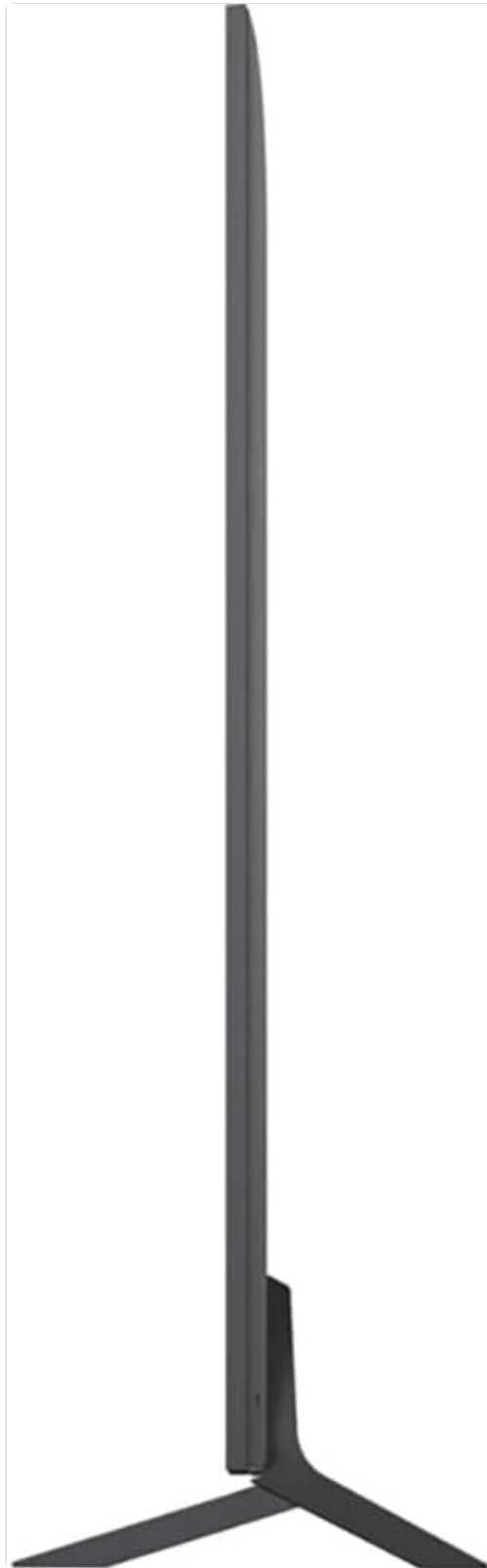


Image: Side profile of the LG 86QNE85AUA TV, highlighting its slim design and the stand.

2. Connecting Devices

Connect your external devices such as cable boxes, Blu-ray players, or gaming consoles to the HDMI ports. Ensure the power cable is securely connected to the TV and a wall outlet (preferably via the included surge protector).



Image: A close-up view of the input ports on the back of the LG 86QNE85AUA TV, showing HDMI, USB, LAN, and antenna connections.

- **HDMI:** For high-definition video and audio.
- **USB:** For connecting USB storage devices.
- **LAN:** For wired network connection.
- **Optical Digital Audio Out:** For connecting to soundbars or audio receivers.

3. Initial Power-On and Setup Wizard

Plug in the TV and press the power button on the remote control. The TV will guide you through the initial setup wizard, including language selection, network connection (Wi-Fi or wired), and channel scanning.

OPERATING YOUR TV

1. Using the Magic Remote

The LG Magic Remote allows for intuitive control with point, click, scroll, and voice commands. Point the remote at the screen to activate the cursor. Use the scroll wheel for navigation and the voice button for voice commands.

2. Smart TV Features (webOS 25)

Your LG QNED AI 4K Smart TV runs on webOS 25, providing access to a wide range of streaming services and smart features. Navigate the home screen to find apps, inputs, and settings.

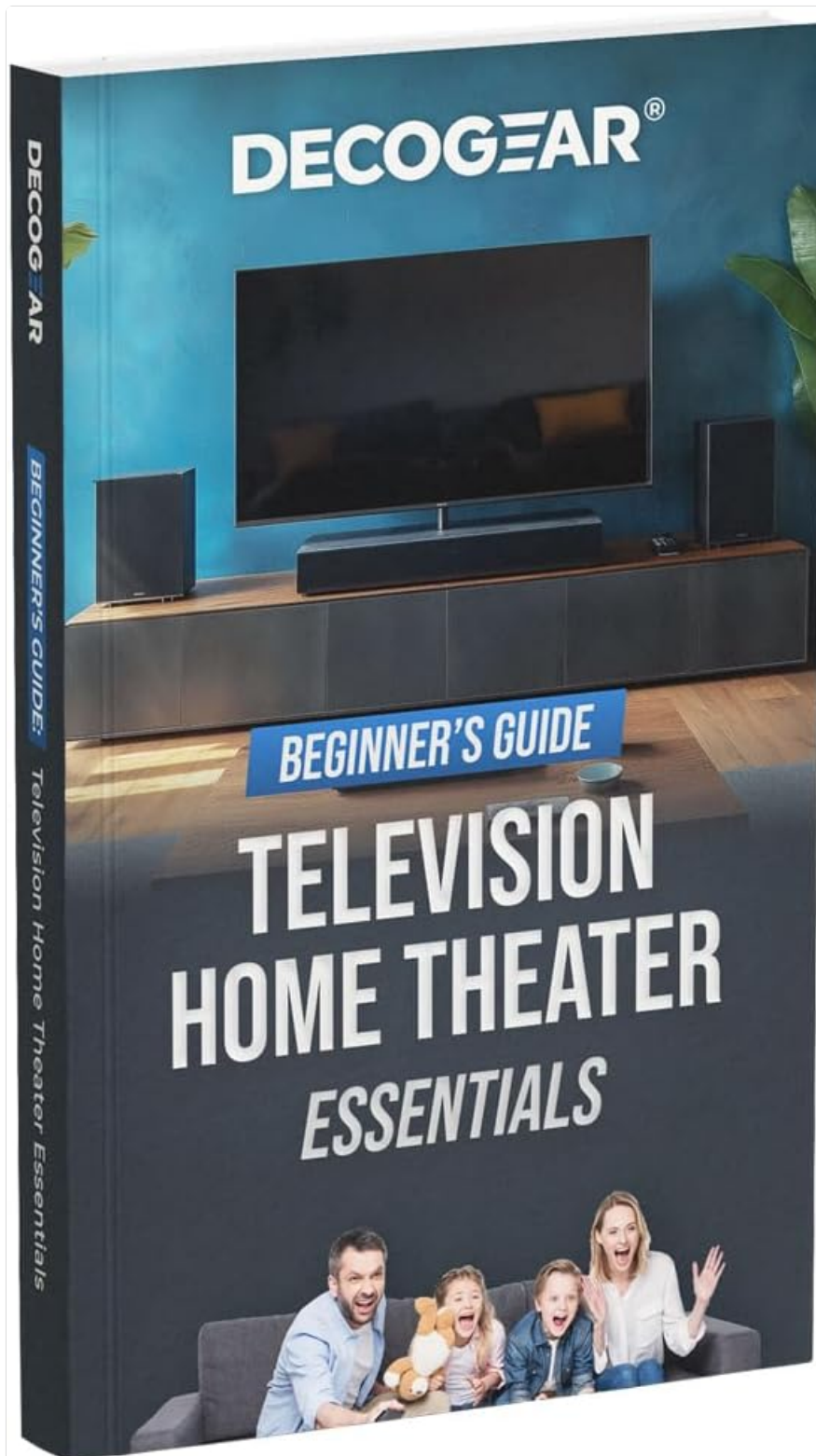


Image: The LG webOS Smart TV interface showing various streaming app icons and navigation options.

- **App Store:** Download additional applications.
- **LG Channels:** Access over 300 free channels.
- **AI Concierge:** Get personalized content recommendations.

3. Picture and Sound Optimization (Alpha 8 AI Processor Gen2)

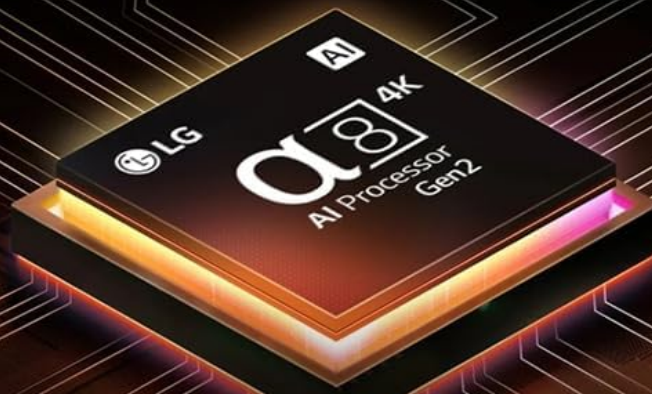
The Alpha 8 AI Processor Gen2 automatically enhances picture and sound quality based on the content you are watching. You

can also manually adjust settings for brightness, contrast, color, and sound modes.

Alpha 8 AI Processor Gen2

Enjoy outstanding picture powered by
the $\alpha 8$ AI Processor, which uses

**AI to detect what you're watching and automatically
improves the picture and sound quality.**



Performance Compared to 2025 QNED

NPU	CPU
Approx. 1.7x	1.4x
Greater AI Neural Processing	Faster Operation

*Performance results based on LG internal testing of the LG $\alpha 8$ Processor Gen2 vs. the LG $\alpha 7$ Processor Gen8. LG $\alpha 7$ Processor Gen8 available on UA77.

Image: Diagram illustrating the LG Alpha 8 AI Processor Gen2, highlighting its enhanced AI neural processing and faster operation compared to previous generations.

The TV features Dynamic QNED Color with 100% Color Volume and Dimming Pro technology for vibrant colors and deep black levels.

4. Gaming Features

For gamers, the TV supports a 120Hz native refresh rate, Variable Refresh Rate (VRR), Auto Low Latency Mode (ALLM), and Enhanced Audio Return Channel (eARC) for a smooth and responsive gaming experience.



Image: A screen capture showing a racing game on the LG TV, with overlays indicating VRR, ALLM, and eARC features, emphasizing its suitability for gaming.

MAINTENANCE

1. Cleaning Your TV

- Always unplug the TV before cleaning.
- Use a soft, dry cloth to wipe the screen and cabinet. For stubborn marks, lightly dampen the cloth with water or a specialized screen cleaner.
- Do not use abrasive cleaners, waxes, or solvents.

2. Software Updates

Your TV may receive software updates periodically to improve performance and add new features. Ensure your TV is connected to the internet to receive these updates. You can check for updates manually in the TV's settings menu.

TROUBLESHOOTING

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

Problem	Possible Cause / Solution
No Power	Check if the power cord is securely plugged into the TV and the wall outlet. Ensure the surge protector is on and functioning.
No Picture / No Sound	Verify the correct input source is selected. Check HDMI cable connections. Try a different channel or streaming app.
Remote Control Not Working	Replace batteries. Ensure there are no obstructions between the remote and the TV. Re-pair the Magic Remote if necessary (refer to TV's on-screen guide).
Network Connection Issues	Check your router and modem. Restart your router. Reconnect to the Wi-Fi network or check the LAN cable.
Picture Quality Issues	Adjust picture settings in the menu. Ensure the content source is high quality.

For more detailed troubleshooting, refer to the on-screen help menu on your TV or visit the LG support website.

SPECIFICATIONS

Feature	Detail
Brand	LG
Model Number	E1LG86QNEDE85AUA
Screen Size	86 Inches (219 cm diagonal)
Display Technology	Mini LED, QNED
Resolution	4K (3840 x 2160)
Refresh Rate	120 Hz Native
Processor	Alpha 8 AI Processor 4K Gen2
HDR Compatibility	HDR10, HLG
Operating System	webOS 25
Connectivity	Bluetooth, HDMI, Wi-Fi
Product Dimensions (D x W x H)	14.1" x 75.9" x 46.3"
Item Weight	112.4 Pounds
Color	Black

WARRANTY AND SUPPORT

Your LG 86QNEDE85AUA TV comes with a limited 1-year manufacturer protection. Additionally, this bundle includes an extended 26-month protection plan from CPS, providing a total of 26 months of enhanced coverage.

For technical support, warranty claims, or service inquiries, please contact LG Customer Service or refer to the official LG support website. For inquiries regarding the CPS extended protection plan, please refer to the documentation provided with your bundle.

Note: Product specifications and features are subject to change without notice. For the most up-to-date information, please refer to

the official LG website or product documentation.

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