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LG 55QNED70A6A

LG 55QNED70A6A 55-inch QNED AI 4K Smart TV User Manual

Model: 55QNED70A6A | Brand: LG

INTRODUCTION

This manual provides essential information for the safe and efficient use of your LG 55QNED70A6A 55-inch QNED AI 4K Smart TV. Please read it thoroughly before operating the product and retain it for future reference. The LG 55QNED70A6A features Dynamic QNED Color, an $\alpha 7$ AI Processor Gen8 for enhanced picture and sound, and the webOS platform with an AI Magic Remote for intuitive control and smart functionalities.

SAFETY INFORMATION

Always observe the following safety precautions to prevent electric shock, fire, or injury:

- Do not expose the TV to rain or moisture.
- Ensure proper ventilation; do not block ventilation openings.
- Use only the power cord supplied with the TV.
- Do not place heavy objects on the power cord.
- Unplug the TV during lightning storms or when unused for long periods.
- Do not open the TV casing; refer all servicing to qualified personnel.

SETUP

1. Unpacking

Carefully remove the TV and all accessories from the packaging. Ensure all components are present:

- LG 55QNED70A6A TV
- AI Magic Remote
- Power Cable

- Stand components (if applicable)
- Documentation

2. Stand Installation (Optional)

If you are not wall-mounting the TV, attach the stand as follows:

1. Place the TV screen-down on a soft, flat surface to prevent damage.
2. Align the stand base with the mounting holes on the bottom of the TV.
3. Secure the stand using the provided screws.

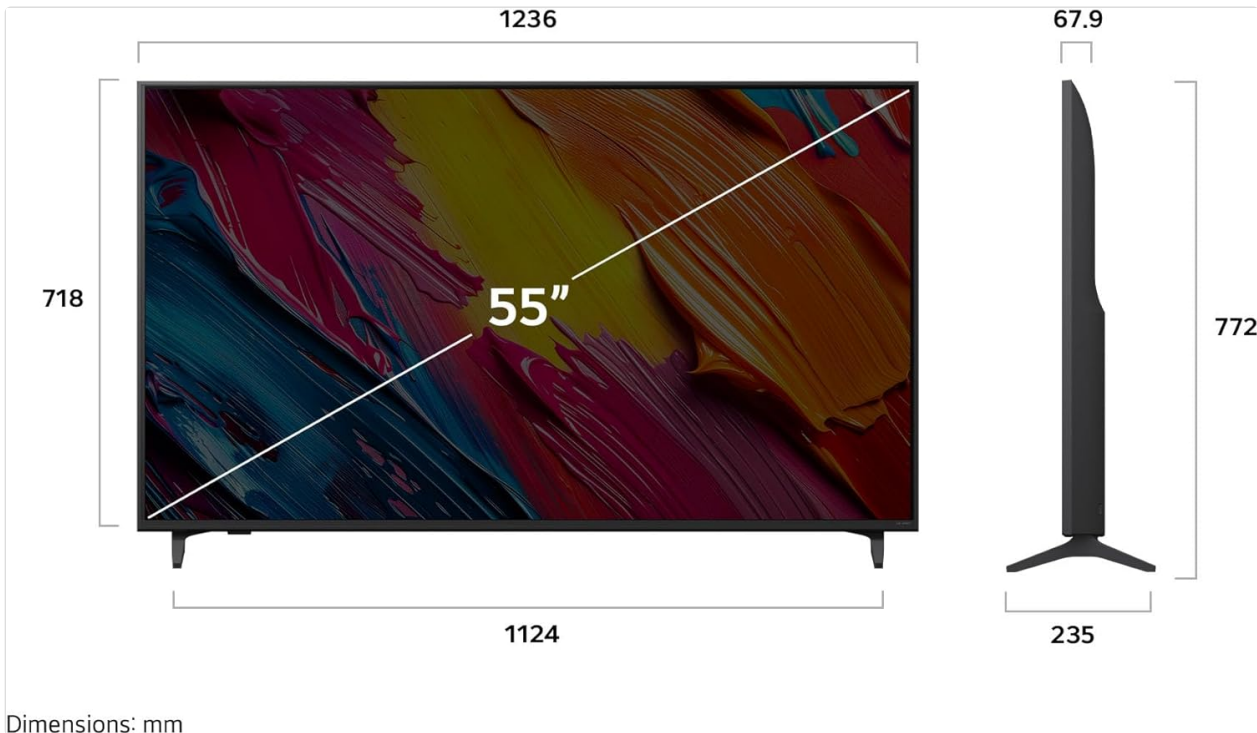


Figure 1: Front view of the LG 55QNE70A6A Smart TV.



Figure 2: Side profile of the LG 55QNED70A6A Smart TV, showing its slim design.

3. Connecting Peripherals

Connect external devices to the appropriate ports on the back of the TV.

- **HDMI:** For Blu-ray players, game consoles, set-top boxes.
- **USB:** For external storage devices (USB drives, hard drives).
- **Ethernet:** For wired internet connection.
- **RF:** For antenna/cable connection.



Figure 3: Rear view of the LG 55QNED70A6A Smart TV, highlighting various input and output ports.

4. Power Connection and Initial Setup

1. Connect the power cable 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 initial setup, including language selection, network connection (Wi-Fi or Ethernet), and channel scanning.

OPERATING YOUR TV

1. AI Magic Remote

The AI Magic Remote provides intuitive control over your TV. Point and click, use voice commands, or navigate with the scroll wheel.

- **AI Search:** Provides personalized recommendations based on your requests.
- **AI Chatbot:** Understands your intent and offers solutions for settings and troubleshooting.
- **AI Concierge:** Delivers customized keywords and recommendations based on your search and viewing history.
- **AI Voice ID:** Recognizes individual user voice signatures for personalized recommendations.

AI Magic Remote

Complete your AI experience with
AI Magic Remote featuring a dedicated AI button.
Use it like an air mouse, just point and click!

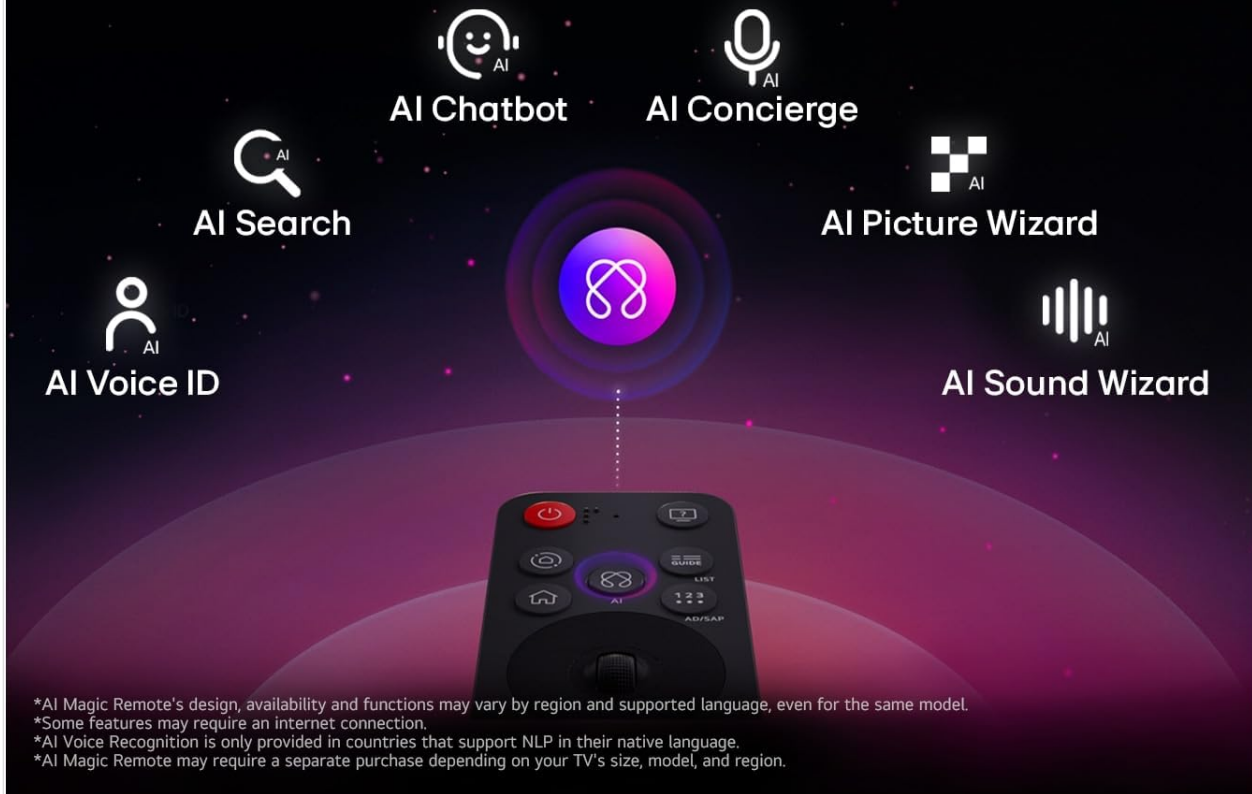


Figure 4: The LG AI Magic Remote, illustrating its various AI-powered functions.

AI Voice ID

AI Voice ID recognizes each user's voice signature and offers personalized recommendations the moment you speak.

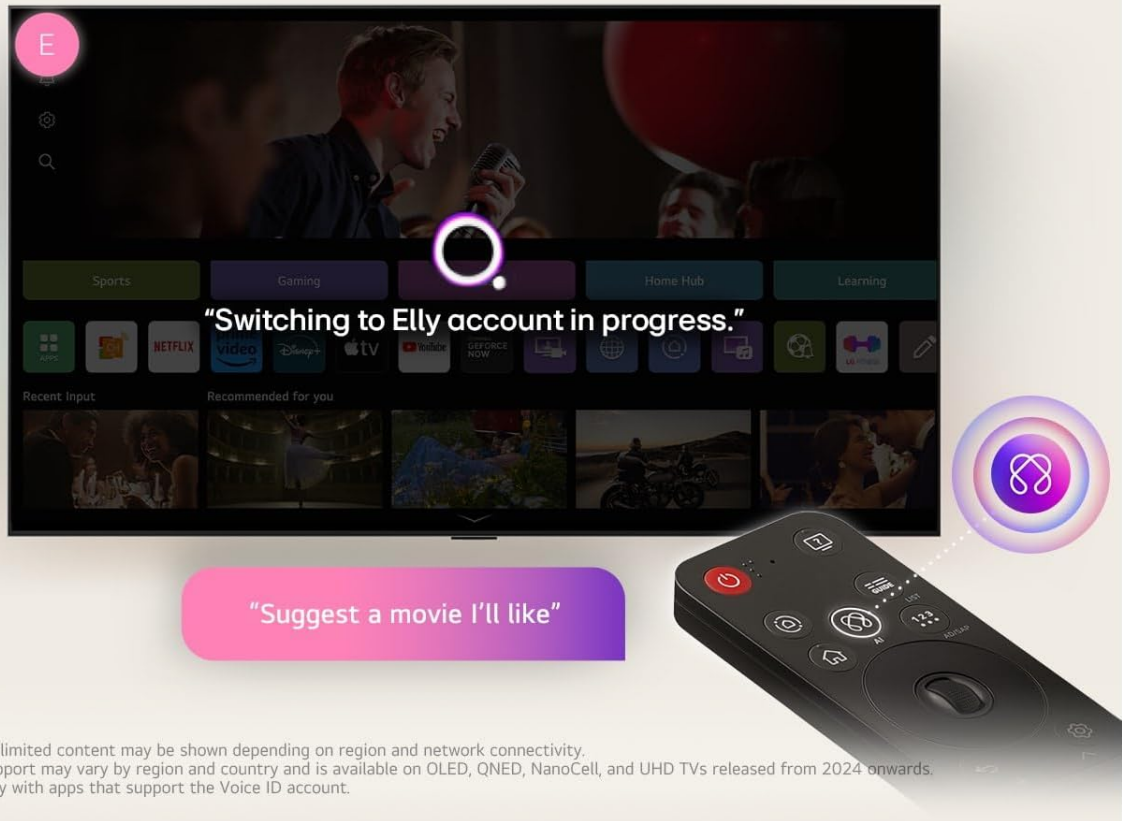
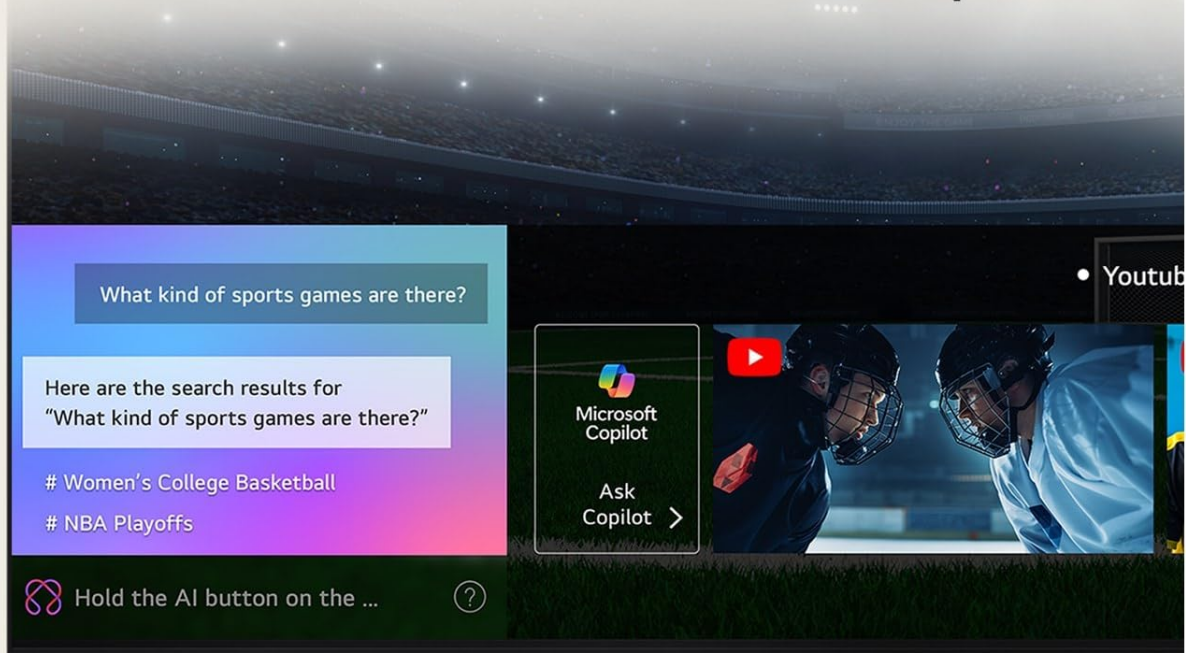


Figure 5: AI Voice ID in action, recognizing a user's voice for personalized content.

AI Search

AI Search provides personalized recommendations to your requests.
Get additional solutions with Microsoft Copilot.

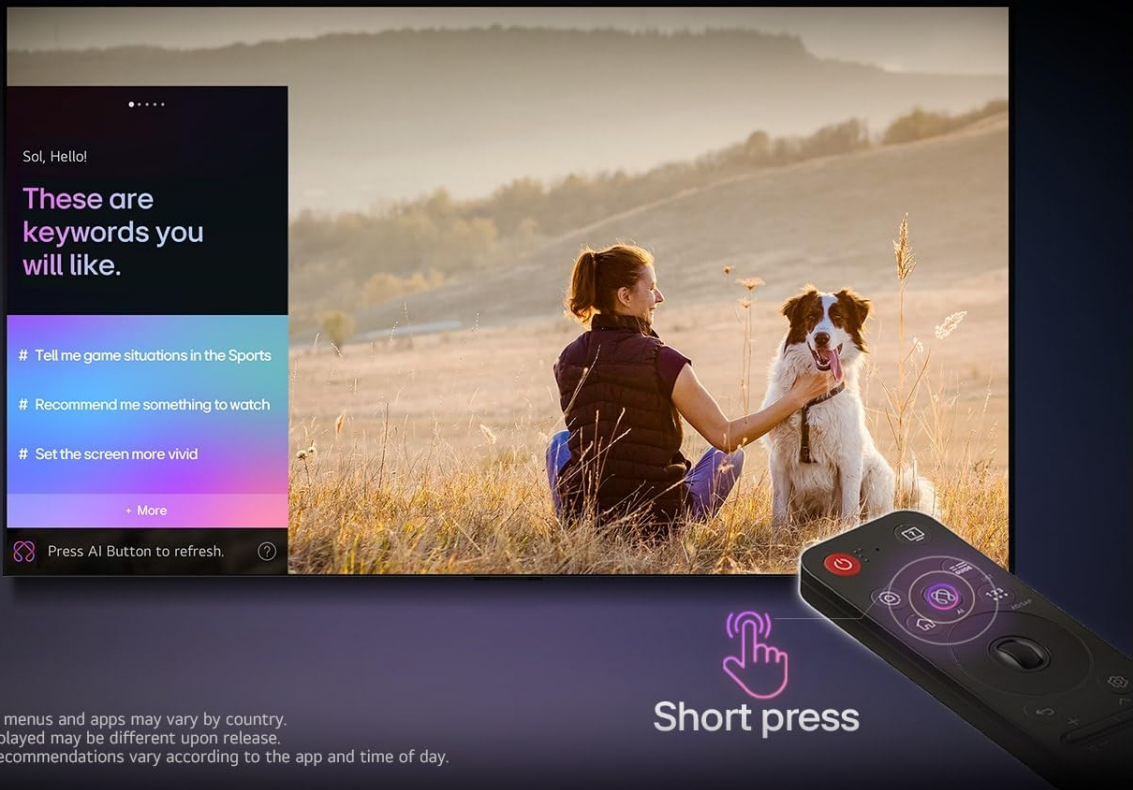


*AI Search is available on OLED, QNED, NanoCell, and UHD TVs released from 2024 onwards.
*The US and Korea use the LLM Model.
*Internet connection required.

Figure 6: The AI Search function providing personalized recommendations.

AI Concierge

AI Concierge provides customized keywords and recommendations based on your search and watching history.



*Supported menus and apps may vary by country.
*Menus displayed may be different upon release.
*Keyword recommendations vary according to the app and time of day.

Figure 7: AI Concierge displaying customized keywords and recommendations.

AI Chatbot

AI Chatbot can understand your intent and will provide immediate solutions from configuring settings to troubleshooting.

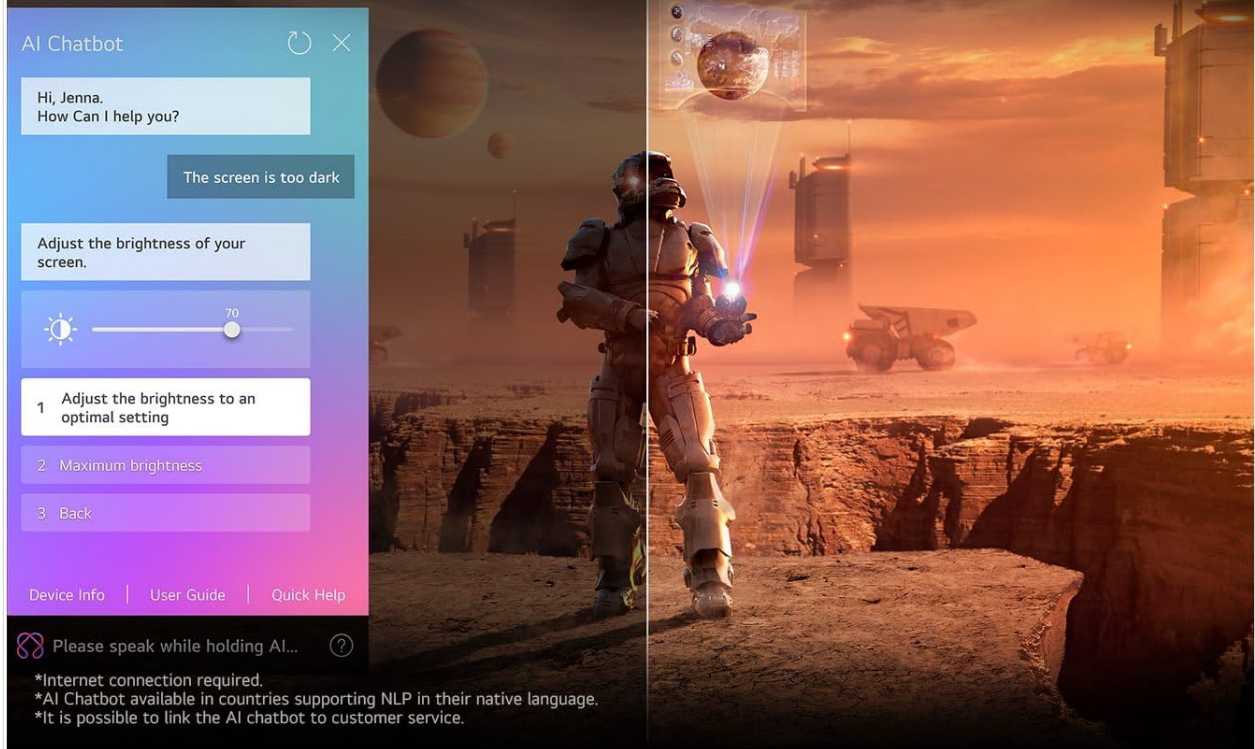


Figure 8: The AI Chatbot assisting with settings adjustments and troubleshooting.

2. Picture and Sound Settings

Your TV features advanced picture and sound technologies:

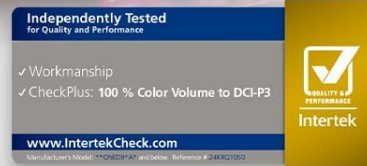
- **Dynamic QNED Color:** Experience vivid and realistic colors.
- **α7 AI Processor Gen8:** Enhances picture quality with AI Super Upscaling 4K and optimizes sound.
- **Advanced Local Dimming:** Provides sharper contrast and brighter details.
- **Filmmaker Mode:** Preserves the director's original vision for movies.

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.

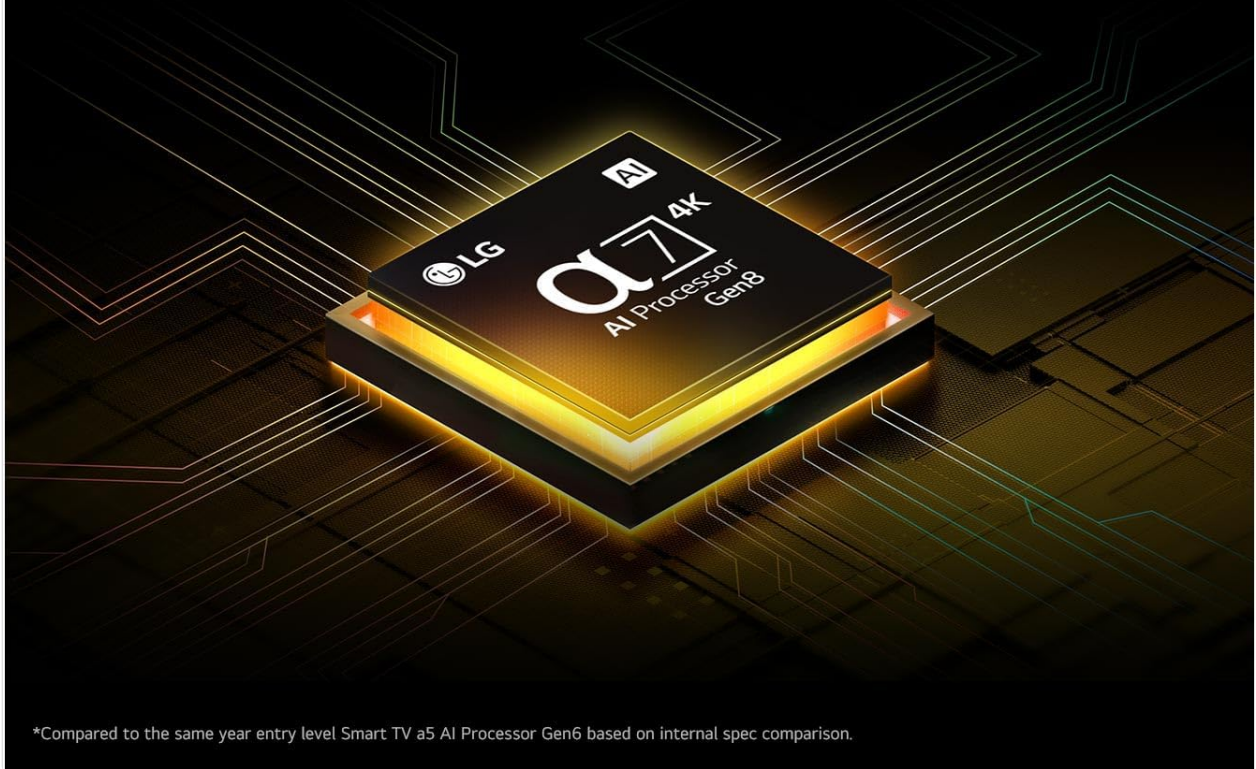
Figure 9: Explanation of Dynamic QNED Color technology for enhanced color reproduction.

α7 AI Processor Gen8

Crafted with a decade of knowledge.

Upscales 4K visuals

with stunning color and brightness.



*Compared to the same year entry level Smart TV α5 AI Processor Gen6 based on internal spec comparison.

Figure 10: The α7 AI Processor Gen8, responsible for upscaling 4K visuals with improved color and brightness.

4K Super Upscaling

LG's powerful processor boosts the resolution to the original quality. Enjoy 4K Super Upscaling enhanced resolution, brightness, and clarity.



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

Figure 11: Demonstration of 4K Super Upscaling, boosting resolution, brightness, and clarity.

3. Gaming Features

For an optimized gaming experience, the TV supports:

- **HGiG:** HDR Gaming Interest Group for consistent HDR gaming performance.
- **ALLM (Auto Low Latency Mode):** Automatically switches to a low-latency mode when a game console is detected.
- **Game Optimizer:** Provides a dedicated menu for adjusting game-related settings.

MAINTENANCE

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 mild, non-abrasive screen cleaner.
- Do not use alcohol, benzene, thinners, or other volatile substances.

TROUBLESHOOTING

Issue	Possible Cause	Solution
No power	Power cord disconnected; power outlet issue.	Check power cord connection; test outlet with another device.
No picture, but sound is present	Incorrect input source; backlight issue.	Verify input source; contact support if issue persists.
No sound, but picture is present	Volume muted; external audio system issue.	Unmute volume; check external audio connections.
Remote control not working	Dead batteries; obstruction; remote not paired.	Replace batteries; remove obstructions; re-pair remote (refer to remote manual).
Poor Wi-Fi connection	Router distance; interference.	Move router closer; reduce interference; consider wired Ethernet.

SPECIFICATIONS

Feature	Detail
Brand	LG
Model Number	55QNED70A6A
Screen Size	55 Inches (140 cm visible diagonal)
Display Technology	LED (QNED)
Resolution	4K
Refresh Rate	60 Hz
Processor	α7 AI Processor Gen8
Operating System	webOS
Special Features	Bezel-Less Design, Chromecast, Game Mode, Intelligent Voice Recognition, AI Magic Remote
Connectivity	Ethernet, HDMI, RF, USB, Wi-Fi
Aspect Ratio	16:9
Product Dimensions (D x W x H)	3 x 124 x 72 cm
Item Weight	20 kg

WARRANTY AND SUPPORT

Your LG 55QNED70A6A Smart TV comes with a manufacturer's warranty. Please refer to the warranty card included in your product packaging for specific terms and conditions.

For technical support, service inquiries, or to purchase accessories, please visit the official LG website or contact LG customer service in your region. Keep your model number (55QNED70A6A) and serial number ready when contacting support.

The webOS Re:New Program offers annual upgrades for 5 years, ensuring your TV's smart features remain up-to-date.