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› Samsung 43-Inch Class QLED Q8F 4K UHD Smart TV (2025 Model) User Manual

Samsung QN43Q8FAAFXZA

Samsung 43-Inch Class QLED Q8F 4K UHD Smart TV (2025 Model)

User Instruction Manual

INTRODUCTION

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your Samsung 43-Inch Class QLED Q8F 4K UHD Smart TV (2025 Model). Please read this manual thoroughly before using your TV to ensure proper and safe operation.

The Samsung Q8F series offers vivid visuals and dynamic audio, featuring a Q4 AI Processor, 100% Color Volume with Quantum Dot technology, and an AirSlim Design. It also includes Samsung Vision AI and built-in Alexa for enhanced smart features.

WHAT'S IN THE BOX

Upon unboxing your Samsung QLED Q8F TV, please verify that all components are present:

- Samsung 43-Inch Class QLED Q8F TV
- Power Cable
- Remote Control (SolarCell™ Remote TM2560E)
- TV Stand components
- User Manual (this document)

SAMSUNG

43" Q8F



Dimensions:

(INCHES W x H x D):

- TV Without Stand: 38 x 22 x 1
- TV With Stand: 38 x 24.2 x 7.8
- Stand Footprint: 0.6 x 8.5 x 7.8
- Distance between the two ends of the stand: 27.2"

Features and specifications subject to change.

What's in the box:



TV



User Manual



SolarCell™ Remote
TM2560E



Power Cable

Figure 1: Contents of the TV packaging and dimensions.

SETUP

1. Unpacking and Placement

Carefully remove the TV and all accessories from the packaging. Place the TV on a stable, flat surface or mount it securely to a wall using a compatible VESA mount (sold separately). Ensure adequate ventilation around the TV.

2. Attaching the Stand (if applicable)

If using the included stand, follow these steps:

1. Align the stand components with the designated slots on the bottom of the TV.
2. Secure the stand using the provided screws. Refer to the diagram for proper orientation.

SAMSUNG

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Figure 2: Stand attachment points are indicated in the included accessories diagram.

3. Connecting Peripherals

Connect your external devices to the TV's ports. Refer to the port diagram for specific connections:

- **HDMI 1, 2, 3 (eARC):** For connecting devices like Blu-ray players, game consoles, or soundbars. HDMI 3 supports eARC for enhanced audio return.
- **USB-A:** For power (5V 0.5A) or media playback (HDD 5V 1A).
- **Audio Out (Optical):** For high-quality digital audio output to soundbars or receivers.
- **Ethernet (LAN):** For a wired internet connection.
- **Cable/ANT:** For connecting an over-the-air antenna or cable TV signals.

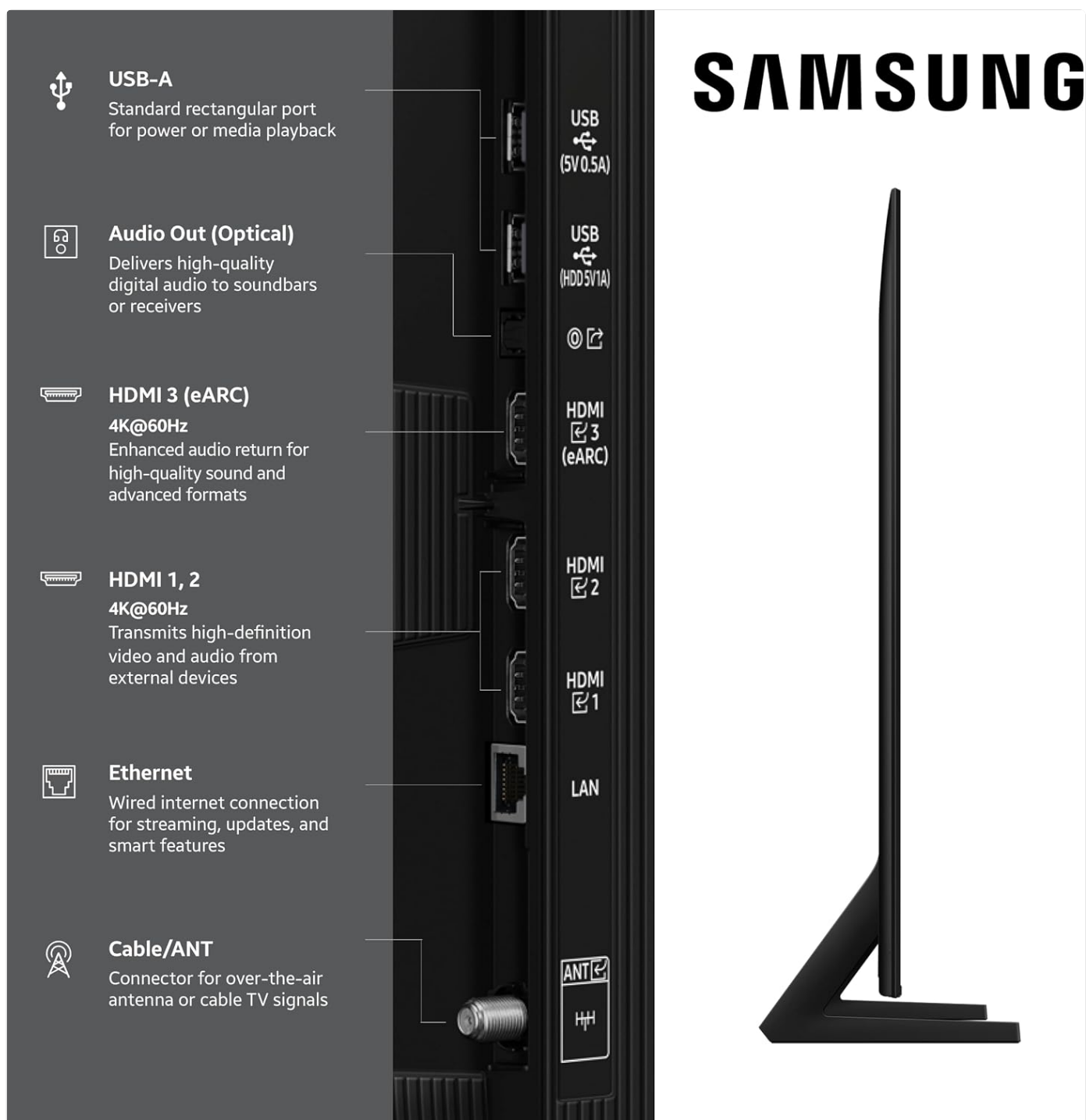


Figure 3: Rear panel connectivity ports.

4. Power Connection

Connect the power cable to the TV's power input and then to a wall outlet. The TV will enter standby mode.

OPERATING INSTRUCTIONS

1. Initial Setup and Smart Features

Upon first power-on, the TV will guide you through the initial setup process, including network connection (Wi-Fi or Ethernet), channel scanning, and Samsung Account setup. A Samsung Account is required for network-based smart services, including streaming apps and other smart features.

The TV features a Q4 AI Processor for enhanced picture and sound, 100% Color Volume with Quantum Dot for vibrant colors, and Motion Xcelerator for smooth motion in sports and gaming.

SAMSUNG

Q8F

KEY FEATURES

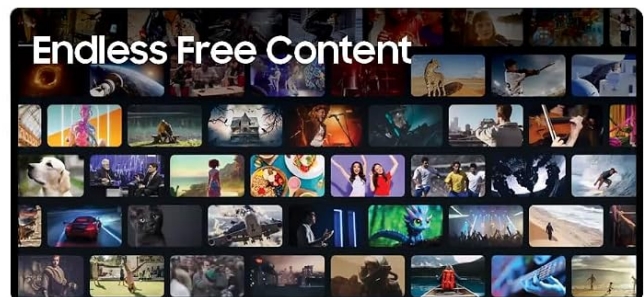
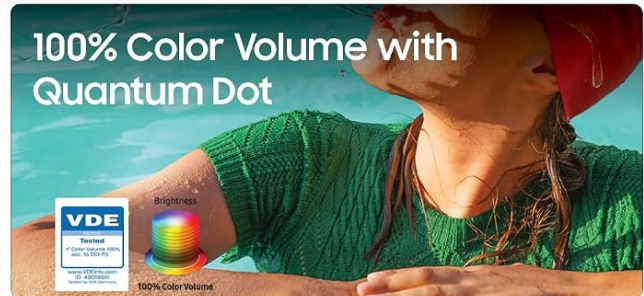


Figure 4: Key features of the Samsung Q8F series.

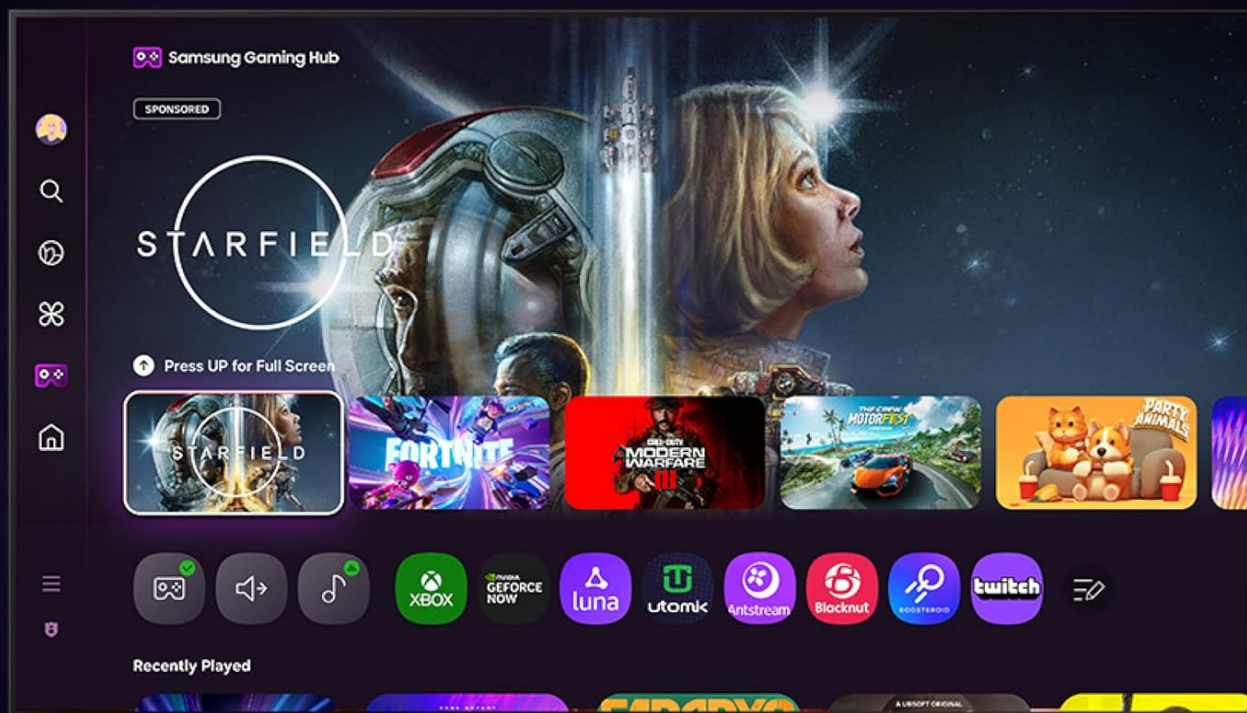
2. Remote Control Usage

The included SolarCell™ Remote (TM2560E) is designed for intuitive navigation. It is rechargeable via USB-C. Familiarize yourself with the buttons for power, volume, channel, smart hub access, and navigation.

3. Accessing Content

Your Samsung TV provides access to a wide range of content:

- **Samsung TV Plus:** Offers over 2,700 free channels, including 400+ premium channels.
- **Streaming Apps:** Access popular streaming services through the Smart Hub.
- **Samsung Gaming Hub:** Dive into thousands of games without a console (requires high-speed internet and compatible controller).
- **External Inputs:** Switch to connected HDMI devices for Blu-ray players, game consoles, etc.



Samsung Gaming Hub

Grab a controller and dive into thousands of games – no console required*

*High speed internet connection, additional gaming service subscriptions and compatible controller required. Samsung Account required for network-based smart services, including streaming apps and other smart features. Separate [connected] computer, mobile or other device may be necessary to create/log in to Samsung Account (free to download and create). Without Account log in, only external device connections (e.g., via HDMI) and terrestrial/over-the-air TV (only for TVs with tuners) available.

Figure 5: Samsung Gaming Hub interface.



6 4K 144Hz is only available with PC connected games that support such specifications (PC graphic card required). QN60Q8F, QN43Q8F, and QN32Q8F have Motion Xcelerator.

Motion Xcelerator 144Hz

Brings smooth motion to sports and tear-free gaming

Experience smooth visuals and elite speeds for VRR gaming at up to 4K 144Hz.⁶

Figure 6: Endless Free Content available on Samsung TVs.

4. Picture and Sound Settings

Navigate to the TV's settings menu to adjust picture modes (e.g., Standard, Movie, Dynamic), brightness, contrast, and color. Sound settings allow for adjustments to audio output, equalizer, and features like Adaptive Sound and Active Voice Amplifier for optimized audio and clear dialogue.

Q4 AI Processor

Powers dramatically clear color and sound

Enjoy your movies and shows in stunning 4K, regardless of the source resolution. Plus, get the most out of what you're watching with AI-optimized color-boosted picture and audio quality, enhanced according to the type of content.²

2 Utilizes AI based formulas to adjust color and sound



Figure 7: Q4 AI Processor for enhanced picture and sound.



100% Color Volume with Quantum Dot

Over a billion colors that stay true, even in the brightest scenes*

Appreciate every beautiful shade of color with incredible precision. The nano-sized Quantum Dots can display the entire color spectrum,³ so you can admire billions of shades at any brightness level.

3 100% color volume measured in Movie Mode and the DCI-P3 color space, certified by VDE

Figure 8: 100% Color Volume with Quantum Dot technology.

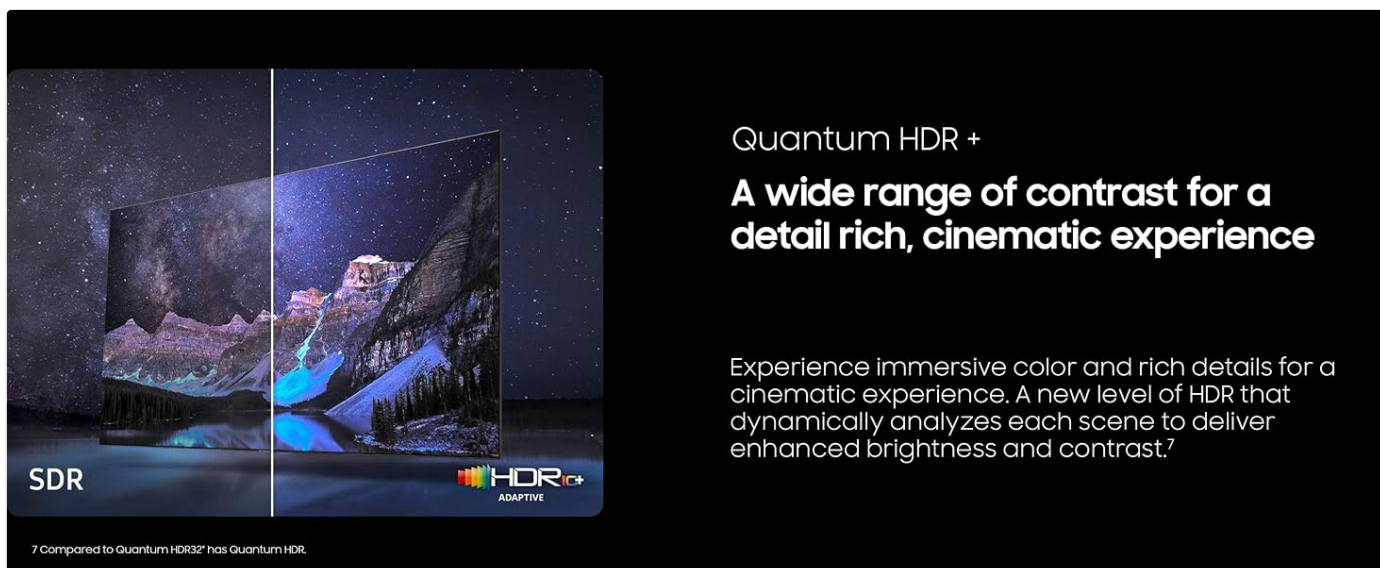


Figure 9: Quantum HDR+ for enhanced contrast.

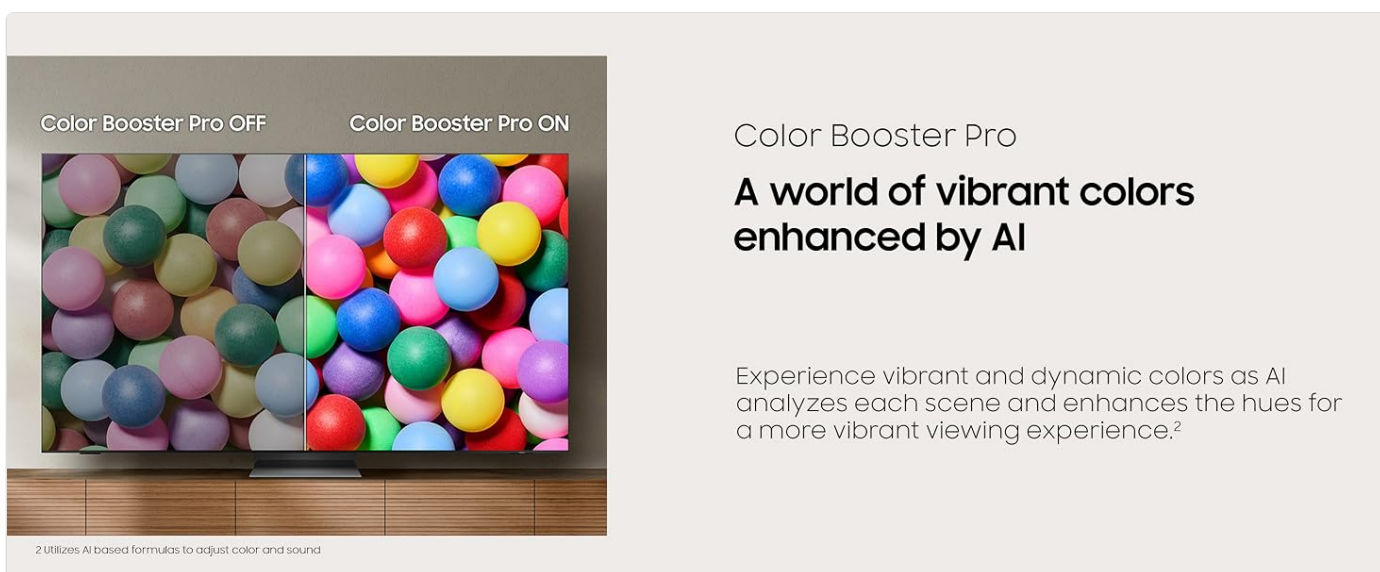


Figure 10: Color Booster Pro for vibrant colors.

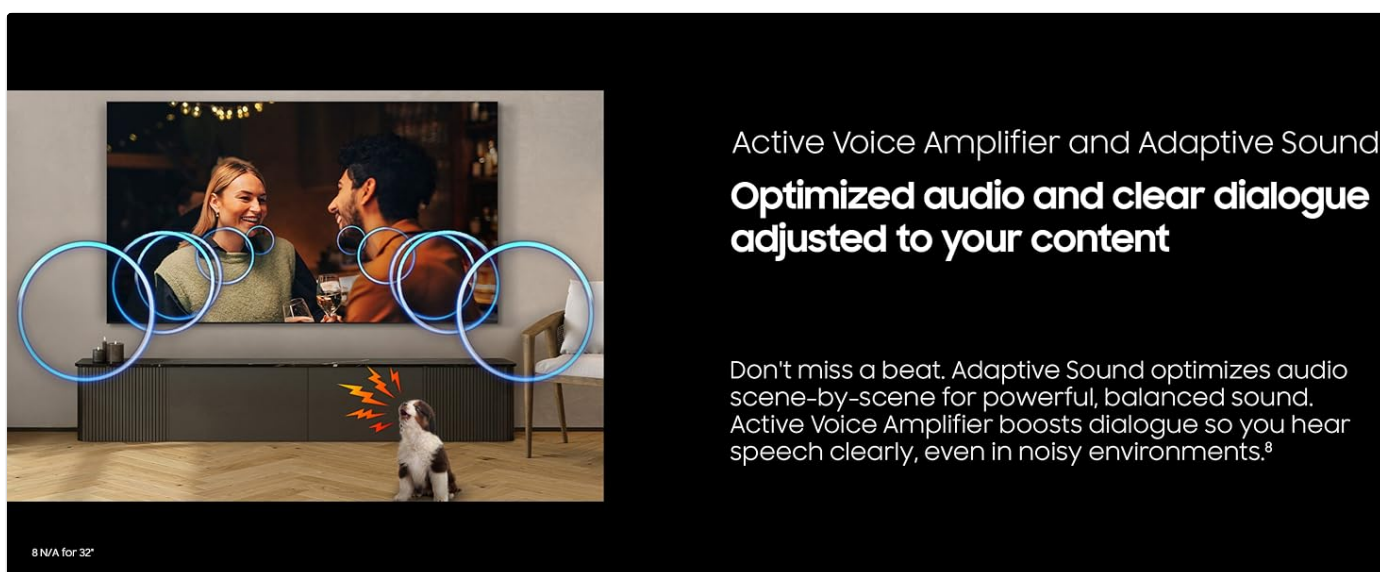


Figure 11: Motion Xcelerator for smooth visuals.

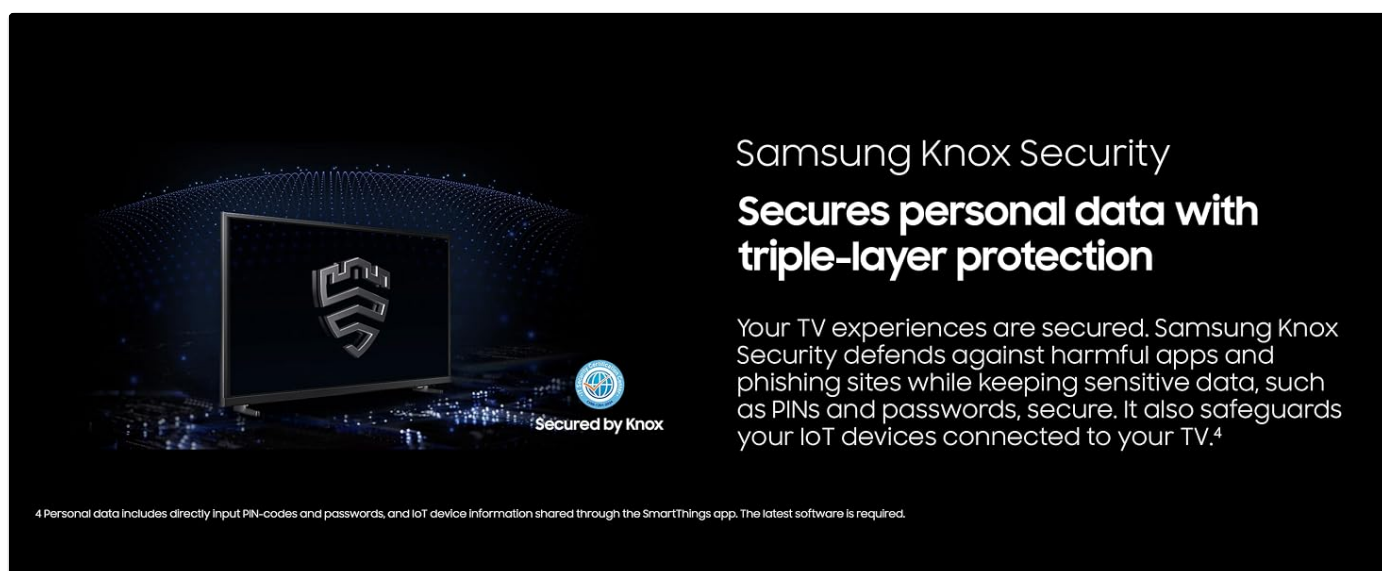


Figure 12: Active Voice Amplifier and Adaptive Sound for optimized audio.

MAINTENANCE

1. Cleaning the TV

To clean the screen, gently wipe it with a soft, lint-free cloth. For stubborn marks, slightly dampen the cloth with water or a screen-specific cleaning solution. Avoid using harsh chemicals or abrasive materials. For the TV frame, use a soft, dry cloth.

2. Software Updates

Ensure your TV's software is up to date for optimal performance and security. The TV can be set to automatically download and install updates when connected to the internet. You can also manually check for updates through the settings menu.

3. Remote Control Battery

The SolarCell™ Remote is rechargeable. If the battery is low, connect it to a USB-C power source. Regular charging ensures uninterrupted use.

TROUBLESHOOTING

This section addresses common issues you might encounter with your Samsung QLED TV. For more complex problems, refer to the Samsung support website or contact customer service.

Problem	Possible Cause / Solution
No Power / TV won't turn on	Check if the power cable is securely connected to the TV and the wall outlet. Ensure the wall outlet is functioning (test with another device). Try pressing the power button on the TV itself, not just the remote.
No Picture / Black Screen	Verify the correct input source is selected (e.g., HDMI 1, TV). Check cable connections between the TV and external devices. Restart the TV and any connected devices.

Problem	Possible Cause / Solution
No Sound	Increase the volume on the TV and any connected audio systems. Check audio cable connections. Ensure the TV is not muted. Check sound output settings in the TV menu (e.g., TV Speaker, Optical Out).
Remote Control Not Working	Ensure the remote is charged. Point the remote directly at the TV's remote sensor. If the remote uses batteries, replace them (though SolarCell is rechargeable). Try re-pairing the remote with the TV if it's a Bluetooth remote.
Network Connection Issues	Check your router and modem. Restart your router and TV. Re-enter Wi-Fi password in TV settings. If using Ethernet, ensure the cable is securely connected.

SPECIFICATIONS

Feature	Detail
Brand	Samsung
Model Number	QN43Q8FAAFXZA
Screen Size	43 Inches
Display Technology	QLED
Resolution	4K UHD (3840 x 2160)
Refresh Rate	60 Hz (Motion Xcelerator 120Hz for 43" Q8F)
Processor	Q4 AI Processor
Color Volume	100% Color Volume with Quantum Dot
HDR Support	Quantum HDR+
Connectivity	Bluetooth, Ethernet, HDMI (3 ports, 1 eARC), USB (2 ports), Wi-Fi
Special Features	Built-In Speaker, Game Mode, Samsung Vision AI, Alexa Built-in, Samsung Knox Security
Product Dimensions (D x W x H)	7.8" x 38" x 24.2" (with stand)
Item Weight	18.1 Pounds
Power Consumption (On-mode)	94 watts
Included Components	Power Cable, Remote Control, Stand, User Manual

WARRANTY AND SUPPORT

Warranty Information

For specific warranty details, please refer to the warranty card included with your product or visit the official Samsung support website. Warranty terms typically cover manufacturing defects for a specified period from the date of purchase.

Customer Support

If you require technical assistance, troubleshooting beyond this manual, or service, please contact Samsung Customer Support. You can find contact information on the Samsung website or in your product documentation.
For online resources, visit the official Samsung support page: [Samsung Support](#)
For information on protection plans, such as the 4-Year Protection Plan or Complete Protect, please refer to your purchase documentation or the retailer's website.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question