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> SAMSUNG 65-Inch QLED Q80A Series 4K UHD Smart TV User Manual (Model QN65Q80AAFXZA)

SAMSUNG QN65Q80AAFXZA

SAMSUNG 65-Inch QLED Q80A Series 4K UHD Smart TV User Manual

Model: QN65Q80AAFXZA

1. INTRODUCTION

This manual provides essential information for the setup, operation, and maintenance of your SAMSUNG 65-Inch Class QLED Q80A Series 4K UHD Smart TV. Please read these instructions carefully to ensure proper use and to maximize your viewing experience. This television features a 4K UHD display with Direct Full Array backlighting, Quantum HDR 12x, Object Tracking Sound, and built-in Alexa for smart functionality.

2. WHAT'S IN THE BOX

Verify that all components are present before proceeding with the setup:

- SAMSUNG 65-Inch QLED Q80A Series TV
- Power Cable
- SolarCell Remote™ TM-2180E
- User Manual (this document)
- E-Manual (digital version accessible via TV)



What's in the box:

- Power Cable
- User Manual
- One Remote TM2180E with batteries (pictured below)



Dimensions:

(INCHES W x H x D):

- TV Without Stand: 56.9 x 32.7 x 2.2
- TV With Stand: 56.9 x 35.7 x 11.4
- Stand Footprint: 15.4 x 9.2 x 11.4

Stand height not shown in visual

Features and specifications subject to change.

Image: Overview of the TV's dimensions and the included SolarCell Remote TM-2180E, illustrating the items typically found in the product packaging.

3. SETUP

3.1 Unboxing and Initial Preparation

Carefully remove the TV from its packaging. It is recommended to have assistance for TVs 55 inches or larger due to size and weight. Before powering on, ensure to remove any protective film from the screen. Some users have reported a thin, well-placed plastic covering that may appear as a defect if not removed. This covering should be peeled off completely after setup.

3.2 Stand Installation or Wall Mounting

Your TV can be placed on a stand or wall-mounted. The 65-inch model typically uses two feet for stand placement. If wall-mounting, ensure you use a compatible VESA mount (not included) and follow the wall mount manufacturer's instructions. For stand installation, attach the feet securely to the designated slots at the bottom of the TV.

3.3 Connecting External Devices

Connect your external devices (e.g., cable box, gaming console, Blu-ray player) to the appropriate ports on the TV. The TV features multiple HDMI ports, including one HDMI 2.1 port (typically HDMI 4) for high-performance devices like next-generation gaming consoles, supporting 4K at 120Hz. Ensure you use high-quality HDMI cables for optimal performance.



Image: Detailed view of the TV's rear panel, highlighting the USB, HDMI, LAN, and antenna input ports for connecting various external devices.

3.4 Power Connection and Initial Power-On

Connect the power cable to the TV and then to a wall outlet. Press the power button on the remote control or on the TV itself to turn it on. Follow the on-screen prompts for initial setup, including language selection, network connection, and channel scanning.

4. OPERATING INSTRUCTIONS

4.1 Using the SolarCell Remote™

The included SolarCell Remote™ (TM-2180E) is designed for intuitive control. It features a minimalist design with essential buttons for navigation, volume, channel, and smart hub access. To use voice commands, press and hold the microphone button or enable hands-free voice control by saying "Alexa" (if configured).

4.2 Switching Inputs

To switch between different HDMI inputs or other sources, use the Source button on your remote. Navigate through the available inputs to select your desired device. While the TV offers advanced features, direct switching between inputs may require navigating through the Smart Hub interface.

4.3 Smart TV Features and Voice Assistants

Your SAMSUNG QLED Q80A TV integrates multiple voice assistants, including Alexa, Bixby, and Hey Google. Access these features through the remote or by enabling hands-free voice control. These assistants allow you to open apps, change channels, search for content, play music, and control compatible smart home devices.

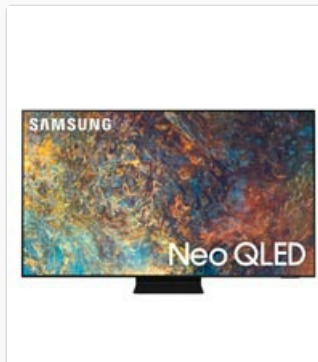


Image: Illustration showing the integration of Alexa Built-in, Bixby, and Hey Google voice assistants with the Samsung Smart TV.

4.4 Picture and Sound Settings

Access the TV's menu to adjust picture and sound settings. You can customize modes like Standard, Dynamic, Movie, or adjust individual parameters such as brightness, contrast, sharpness, and color. For audio, explore options for Object Tracking Sound (OTS) and various sound modes to enhance your listening experience.

4.5 Gaming Mode

For an optimized gaming experience, enable Game Mode. This TV supports HDMI 2.1 on specific ports (check your TV's port labels, typically HDMI 4) for 4K 120Hz input and features like Variable Refresh Rate (VRR) and AMD FreeSync compatibility. Ensure your gaming console or PC is connected to the correct HDMI 2.1 port with a compatible cable.

5. KEY FEATURES

- **Direct Full Array Backlighting:** Provides precise control over lighting zones for deep blacks and bright

whites, enhancing contrast and detail.

- **Object Tracking Sound (OTS):** Audio that dynamically moves with the on-screen action, creating a more immersive sound experience through the TV's 2.2.2CH speaker system.
- **Quantum Processor 4K:** Utilizes machine-based AI to upscale content to 4K resolution, optimizing picture quality regardless of the source.
- **100% Color Volume with Quantum Dot:** Delivers a billion shades of color, ensuring accurate and vibrant color reproduction across a wide spectrum.
- **Quantum HDR 12X:** Offers a wide range of cinematic colors and contrast, revealing fine details in both bright and dark scenes.
- **Built-in Voice Assistants:** Seamless integration with Alexa, Bixby, and Hey Google for convenient voice control of your TV and smart home devices.
- **Miracast:** Allows wireless mirroring of content from compatible mobile devices to your TV screen.

6. MAINTENANCE

6.1 Screen Cleaning

To clean the screen, gently wipe it with a soft, dry microfiber cloth. For stubborn smudges, lightly dampen the cloth with distilled water or a specialized screen cleaner. Avoid using harsh chemicals, abrasive materials, or excessive pressure, as these can damage the screen.

6.2 General Cleaning

Wipe the TV frame and stand with a soft, dry cloth. Ensure the TV is unplugged before cleaning. Do not spray liquids directly onto the TV.

6.3 Software Updates

Periodically check for software updates to ensure your TV has the latest features and performance improvements. Updates can typically be performed via the TV's settings menu when connected to the internet, or manually via USB if preferred.

7. TROUBLESHOOTING

7.1 Common Issues and Solutions

- **No Power:** Ensure the power cable is securely connected to both the TV and the wall outlet. Try a different outlet.
- **No Picture/Sound:** Verify that the correct input source is selected. Check all cable connections (HDMI, audio).
- **Screen Protector Confusion:** If you observe what appears to be a "defect" or a sticker on the screen, ensure you have completely removed the thin, protective plastic film that covers the display during shipping. This film is designed to be removed after setup.
- **Remote Not Responding:** Check the remote's battery level. The SolarCell Remote™ charges via ambient light or USB-C. Ensure it has sufficient charge.
- **Network Connection Issues:** Verify your Wi-Fi password and router connection. Try restarting your router and the TV.
- **Flickering in Gaming Mode:** While rare, some users have reported flickering in specific games when Game Mode is active. Ensure your TV's firmware is up to date. If using a PC, ensure Windows HDR is off if experiencing issues with streaming quality, as it may not always integrate seamlessly.

7.2 Factory Reset

If issues persist, a factory reset can often resolve software-related problems. This will revert all settings to their default values. Consult the TV's on-screen E-Manual for detailed instructions on how to perform a factory reset.

8. SPECIFICATIONS

Feature	Detail
Model Number	QN65Q80AAFXZA
Screen Size (Diagonal)	64.5 Inches (65-Inch Class)
Display Technology	QLED
Resolution	4K UHD (3840 x 2160)
Refresh Rate	120 Hz
HDR Support	Quantum HDR 12X
Backlighting	Direct Full Array
Audio Output	60W, 2.2.2CH with Object Tracking Sound (OTS)
Voice Assistants	Alexa Built-in, Bixby, Hey Google
Connectivity	Bluetooth, Wi-Fi, Multiple HDMI (including HDMI 2.1), USB, LAN
Power Consumption (On-mode)	60 watts
Annual Energy Consumption	187 kWh (based on 4 hours/day, 365 days)
Product Dimensions (W x H x D) with Stand	56.9 x 35.7 x 11.4 inches
Product Dimensions (W x H x D) without Stand	56.9 x 32.7 x 2.2 inches
Item Weight	61.3 pounds

9. WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or visit the official SAMSUNG website. For technical support, troubleshooting assistance, or service requests, please contact SAMSUNG customer support. The E-Manual accessible directly on your TV provides comprehensive details and advanced settings information.

Included Components: E-Manual, Power Cable, SolarCell Remote™ TM-2180E, User Manual.

