

Samsung QN65QN80FAFXZA

Samsung QN65QN80FAFXZA 65 Inch Neo QLED QN80F Series 4K TV and HW-QS700F Soundbar Instruction Manual

Model: QN65QN80FAFXZA (TV) & HW-QS700F (Soundbar)

Brand: Samsung

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Samsung QN65QN80FAFXZA 65-inch Neo QLED QN80F Series 4K TV and the accompanying HW-QS700F 3.1.2 Ch Dolby Atmos Soundbar and Subwoofer. Please read these instructions thoroughly before using the product and retain them for future reference.

2. WHAT'S INCLUDED

Verify that all components are present in the packaging:

- Samsung QN65QN80FAFXZA 65" Neo QLED QN80F Series Supreme UHD 4K TV (2025)
- Samsung HW-QS700F 3.1.2 Ch Dolby Atmos Soundbar and Subwoofer (2025)
- Remote Control for TV
- Remote Control for Soundbar
- Power Cables for TV and Soundbar
- HDMI Cable
- User Manuals (this document)
- Optional: Wall Mount Kit (sold separately)

3. SETUP

3.1 TV Placement and Connection

Carefully unpack the TV and place it on a stable surface or mount it securely to a wall. Ensure adequate ventilation around the TV. Connect the power cable to the TV and a power outlet. Connect your external devices (e.g., cable box, gaming console) to the TV's HDMI ports.



Figure 3.1: Front view of the Samsung 65-inch Neo QLED 4K TV.



Figure 3.2: Angled view of the Samsung 65-inch Neo QLED 4K TV, showcasing its slim design.

3.2 Soundbar and Subwoofer Connection

Place the HW-QS700F Soundbar in front of your TV or wall-mount it. Position the wireless subwoofer in a suitable location within the room for optimal bass performance. Connect the soundbar to the TV using the provided HDMI cable (HDMI eARC/ARC port recommended for best audio quality). Connect the power cables to the soundbar and subwoofer, then plug them into power outlets.



Figure 3.3: The Samsung HW-QS700F Soundbar and its wireless Subwoofer.



Convertible Fit

Uncompromised, exceptional sound in any setup—whether placed flat on the wall or on a table.

Figure 3.4: The HW-QS700F Soundbar demonstrating its Convertible Fit for various placements.

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Video 3.1: Official product video for the Samsung HW-QS700F Soundbar, detailing its features and setup options.

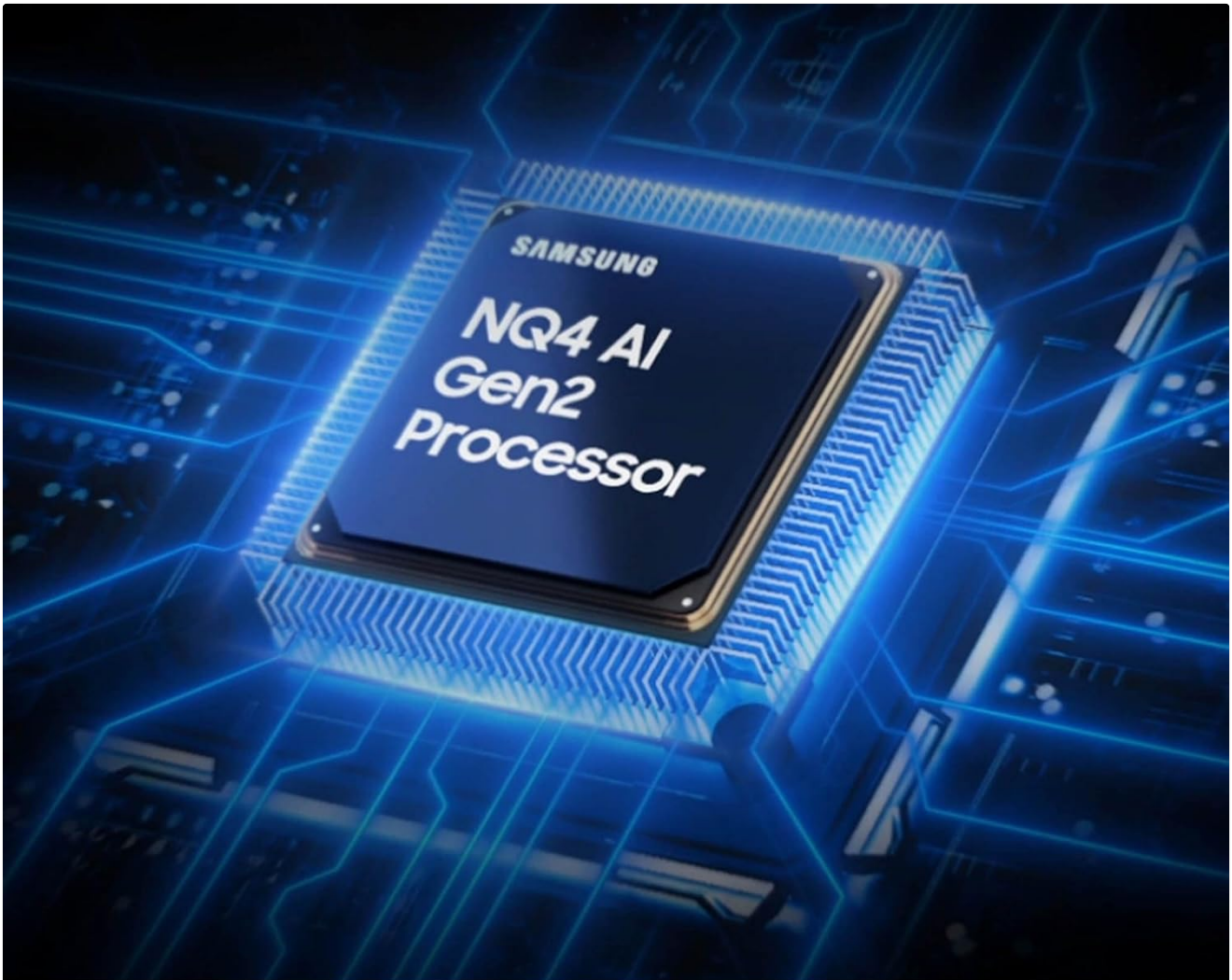
4. FEATURES

4.1 TV Features

- **NQ4 AI Gen2 Processor:** Advanced processing powers AI-enhanced 4K clarity.
- **Quantum Matrix Technology Core:** Reveals amazing detail with Mini LED technology for enhanced bright and dark scenes.
- **4K AI Upscaling:** Boosts content to captivating 4K resolution.
- **Dolby Atmos:** Theatrical multidimensional sound for an immersive experience.
- **Motion Xcelerator 144Hz:** Delivers a picture with virtually no lag or blur at top speeds, ideal for gaming and sports.
- **Tizen Smart TV:** Access popular streaming services like Netflix, Prime Video, Disney+, Hulu, Apple TV,

YouTube, HBO Max, Peacock, Sling, and more.

- **Multiple AI Assistant Compatible:** Supports various AI assistants for voice control.
- **Connectivity:** Wi-Fi 5, 4 x HDMI ports, 2 x USB-A ports.



NQ4 AI Gen2 Processor

Advanced processing powers AI-enhanced clarity and 4K upscaling*

*Utilizes AI-Based formulas.

Figure 4.1: The NQ4 AI Gen2 Processor, central to the TV's AI-enhanced performance.



Quantum Matrix Technology Core

Individual mini-LED zones enhance bright and dark scenes for amazing detail

Figure 4.2: Illustration of Quantum Matrix Technology Core, highlighting Mini LED zones.

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Video 4.1: Features overview for the Samsung QN80F Series TV, demonstrating key visual and audio technologies.

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Video 4.2: Product review for the Samsung QN80F Series TV, showcasing its performance and smart features.

4.2 Soundbar Features

- **True 3.1.2Ch Sound:** Multidimensional sound with up-firing speakers for greater immersion.
- **Convertible Fit:** Designed for powerful sound whether mounted flat against a wall or laid flat on a table.
- **Dolby Atmos:** Enhanced audio experience with object-based sound.
- **Q-Symphony Pro:** Synchronizes TV and soundbar speakers for a richer, more immersive soundstage.
- **Adaptive Sound Pro:** Optimizes sound based on content and room acoustics.
- **Bluetooth Audio:** Wireless connectivity for audio streaming.

5. OPERATING INSTRUCTIONS

5.1 Basic TV Operation

Use the TV remote control to power on/off, adjust volume, change channels, and navigate the Smart Hub. The Smart Hub provides access to all your streaming apps and connected devices. Utilize voice commands through compatible AI assistants for hands-free control.

5.2 Soundbar Operation

The soundbar can be controlled via its dedicated remote, the Samsung TV remote (if Q-Symphony is enabled), or through the SmartThings app on your smartphone. Adjust volume, select sound modes (e.g., Standard, Adaptive, Game), and manage Bluetooth connections. For optimal sound, ensure the soundbar is properly aligned with the TV and the subwoofer is placed to maximize bass distribution.

5.3 Smart Features and Connectivity

Explore the Tizen Smart TV platform for a wide range of applications. Connect to your home Wi-Fi network for internet access and smart features. Use Bluetooth to connect external audio devices or stream music from your mobile device to the soundbar. HDMI ports support various devices, including gaming consoles and Blu-ray players.

6. MAINTENANCE

6.1 Cleaning the TV Screen

To clean the screen, gently wipe it with a soft, dry microfiber cloth. For stubborn smudges, lightly dampen the cloth with water or a specialized screen cleaner (avoid harsh chemicals or abrasive materials). Do not spray liquid directly onto the screen.



Figure 6.1: Example of a screen cleaning kit, recommended for maintaining display clarity.

6.2 Cleaning the Soundbar and Subwoofer

Wipe the surfaces of the soundbar and subwoofer with a soft, dry cloth. Avoid using liquid cleaners directly on the

devices. Ensure vents are clear of dust and debris to prevent overheating.

6.3 Software Updates

Periodically check for and install software updates to ensure optimal performance and access to the latest features. Updates can typically be found in the TV's settings menu under "Support" or "Software Update."

7. TROUBLESHOOTING

If you encounter issues, refer to the following common troubleshooting steps:

- **No Power:** Check power cables for secure connections to both the device and the outlet. Ensure outlets are functional.
- **No Picture/Sound:** Verify all HDMI and audio cables are correctly connected. Ensure the correct input source is selected on the TV.
- **Remote Not Working:** Replace batteries in the remote control. Ensure no obstructions are blocking the signal path.
- **Poor Sound Quality:** Check soundbar connections. Adjust sound modes on the soundbar or TV. Ensure Q-Symphony is correctly configured if used.
- **Network Connectivity Issues:** Restart your router and modem. Reconnect the TV to the Wi-Fi network in the settings.

For more detailed troubleshooting, consult the full digital manual available on the Samsung support website or contact Samsung customer service.

8. SPECIFICATIONS

Feature	Specification
Brand	Samsung
TV Model Name	QN65QN80FAFXZA
Soundbar Model Name	HW-QS700F
Screen Size	65 Inches
Display Technology	Neo QLED
Resolution	4K
Refresh Rate	120 Hz (Motion Xcelerator 144Hz for PC connected games)
Processor	NQ4 AI Gen2 Processor
Soundbar Channels	3.1.2 Ch
Audio Features	Dolby Atmos, OTS Lite, Q-Symphony Pro, Active Voice Amplifier Pro, Adaptive Sound Pro, Bluetooth Audio, 360 Audio
Smart TV Platform	Tizen Smart TV
Supported Internet Services	Netflix, Prime Video, Disney+, Hulu, Apple TV, YouTube, HBO Max, Peacock, Sling, and More

Connectivity	Wi-Fi 5, HDMI 4, 2 x USB-A
Color	Titan Black
Item Weight	52.2 Pounds
Product Dimensions (TV)	11"D x 56.9"W x 34.9"H
Energy Efficiency	Energy Star Compliant

9. WARRANTY AND SUPPORT

Your Samsung QN65QN80FAFXZA TV and HW-QS700F Soundbar are covered by a limited manufacturer's warranty. For specific warranty details, registration, and technical support, please visit the official Samsung support website or contact their customer service. Keep your proof of purchase for warranty claims.

Online Support: [Samsung Support](#)
