

## SAMSUNG QN65Q70AAFZXA

# SAMSUNG 65-Inch Class QLED Q70A Series 4K UHD Smart TV (Model QN65Q70AAFZXA) Instruction Manual

## 1. INTRODUCTION

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This manual provides essential information for the safe and efficient use of your SAMSUNG 65-Inch Class QLED Q70A Series 4K UHD Smart TV, model QN65Q70AAFZXA. Please read these instructions thoroughly before operating your television and retain them for future reference. This television features a Quantum Processor 4K, Motion Xcelerator Turbo+, Dual LED backlight, 100% Color Volume with Quantum Dot, Quantum HDR, and built-in Alexa for an enhanced viewing experience.

## 2. WHAT'S IN THE BOX

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Carefully unpack the box and ensure all items are present. The package should contain the following components:

- SAMSUNG 65-Inch QLED Q70A Series TV
- Power Cable
- Standard Smart Remote (Model TM2180E)
- Samsung Smart Control
- Instruction Manual (this document)
- eManual (digital version accessible via TV)



Figure 2.1: Illustration of the TV, remote control, and power cable included in the package.

## 3. SETUP

### 3.1 Physical Installation

Before installation, ensure the TV is placed on a stable, level surface or securely mounted to a wall. Refer to the wall mount kit instructions if using a wall mount (sold separately). For stand installation, attach the stand securely to the TV following the included instructions. Ensure adequate ventilation around the TV.



Figure 3.1: Front view of the SAMSUNG QLED Q70A Series TV.

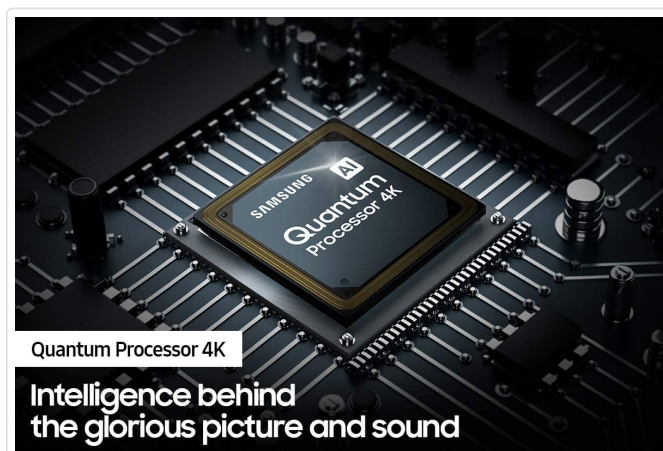


Figure 3.2: TV dimensions for planning installation space.

### 3.2 Connecting External Devices

Connect your external devices (e.g., cable box, Blu-ray player, gaming console) to the appropriate ports on

the back of the TV. The TV is equipped with multiple HDMI, USB, LAN, and Antenna ports.

- **HDMI:** For high-definition audio and video. HDMI 3 supports eARC for enhanced audio return channel functionality.
- **USB:** For connecting USB storage devices to play media files.
- **LAN:** For a wired internet connection.
- **ANT:** For connecting an antenna or cable TV signal.

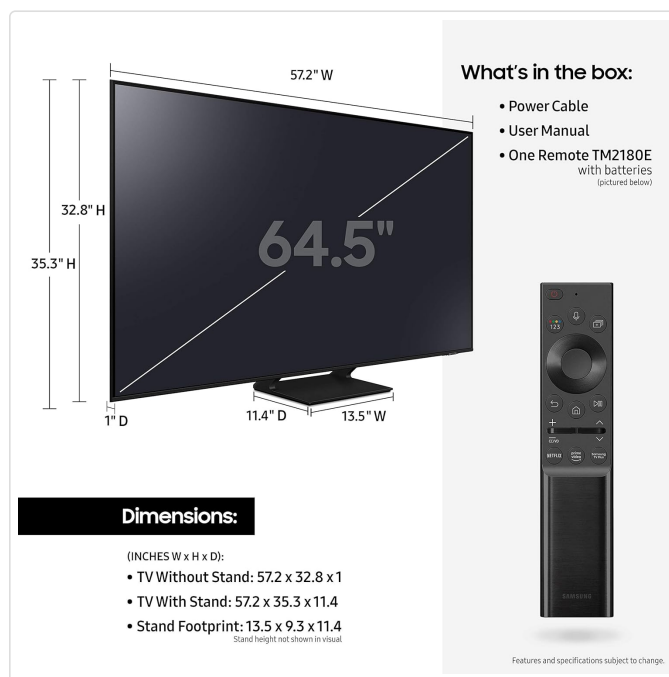


Figure 3.3: Rear panel connections including HDMI, USB, LAN, and Antenna ports.

### 3.3 Power Connection

After connecting all necessary devices, plug the power cable into the TV's power input and then into a wall outlet. The TV will enter standby mode.

## 4. OPERATING INSTRUCTIONS

### 4.1 Initial Setup and Smart Remote

Upon first power-on, the TV will guide you through an initial setup process, including network connection, channel scanning, and smart features configuration. Use the included Standard Smart Remote (TM2180E) to navigate menus and control the TV.

### 4.2 Key Features

- **Quantum Processor 4K:** This processor utilizes machine-based AI to upscale content to 4K resolution, optimizing picture and sound quality.

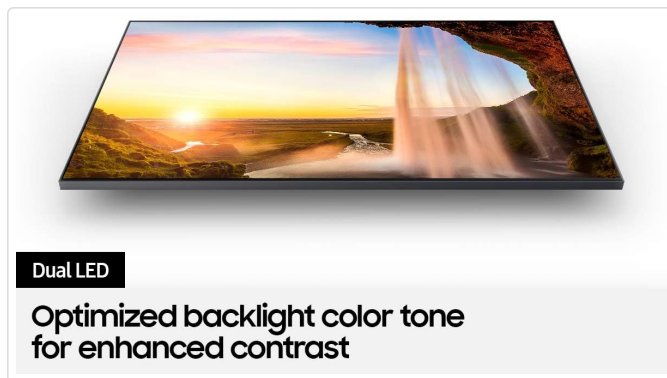


Figure 4.1: The Quantum Processor 4K, responsible for picture and sound enhancement.

- **Motion Xcelerator Turbo+**: Experience smooth motion with exceptional enhancements up to 4K 120Hz, reducing blur in fast-paced scenes.

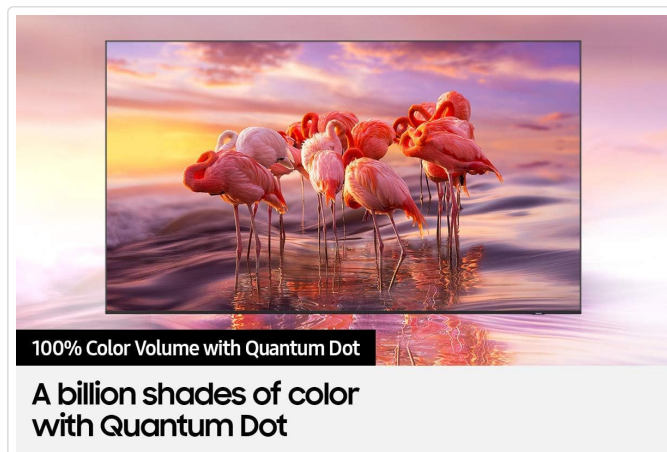


Figure 4.2: Motion Xcelerator Turbo+ for enhanced motion clarity.

- **Dual LED Backlight**: Dedicated warm and cool LED backlights work together to provide enhanced contrast and accurate color tones.





**Figure 4.3:** Dual LED technology for optimized backlight color tone.

- **100% Color Volume with Quantum Dot:** This technology delivers a billion shades of color, ensuring vibrant and accurate color reproduction.



Figure 4.4: 100% Color Volume with Quantum Dot for a wide spectrum of colors.

- **Quantum HDR:** Expands the range of color and contrast beyond standard HDTV, providing a more dynamic and lifelike image.
- **Alexa Built-in:** Use voice commands to control your TV. Press and hold the microphone button on your remote, or enable hands-free operation by saying "Alexa" to open apps, change channels, search for content, play music, and control smart home devices.

## 5. MAINTENANCE

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### 5.1 Cleaning the Screen

Gently wipe the screen with a soft, dry microfiber cloth. For stubborn smudges, lightly dampen the cloth with water or a screen-specific cleaning solution (do not spray directly onto the screen). Avoid using harsh chemicals or abrasive materials.

### 5.2 Cleaning the TV Body

Wipe the TV frame and stand with a soft, dry cloth. Do not use liquid cleaners directly on the TV body.

### 5.3 Power Management

Unplug the TV from the power outlet during lightning storms or when it will be left unattended for long periods to prevent damage.

## 6. TROUBLESHOOTING

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

- **No Power:** Ensure the power cable is securely connected to both the TV and the wall outlet. Test the outlet with another device.
- **No Picture/Sound:** Verify that the correct input source is selected. Check all cable connections between the TV and external devices.
- **Remote Control Not Working:** Check the batteries in the remote. Ensure there are no obstructions between the remote and the TV's sensor.
- **Poor Picture Quality:** Adjust picture settings (brightness, contrast, sharpness) in the TV menu. Ensure the input source is providing a high-quality signal.
- **Network Connection Issues:** For Wi-Fi, check your router and ensure the TV is within range. For wired connections, verify the Ethernet cable is properly connected.

For more detailed troubleshooting, consult the eManual accessible through your TV's menu or visit the SAMSUNG support website.

## 7. SPECIFICATIONS

Feature	Specification
Brand	SAMSUNG
Model Number	QN65Q70AAFXZA (CRTSAMQN65Q70AA)
Screen Size	64.5 Inches (65-Inch Class)
Display Technology	QLED
Resolution	4K UHD
Refresh Rate	120 Hz
Processor	Quantum Processor 4K
Special Features	100% Color Volume with Quantum Dot, Quantum HDR, Motion Xcelerator Turbo+, Dual LED, Alexa Built-in
Connectivity Technology	Bluetooth, Ethernet, HDMI, USB, Wi-Fi
Aspect Ratio	16:9
Speaker Type	2CH
Voltage	120 Volts
Item Weight	48.1 Pounds
Product Dimensions (W x D x H)	57.2 x 11.4 x 35.3 inches

## 8. WARRANTY AND SUPPORT

This product is covered by the Amazon Renewed Guarantee, which provides eligibility for replacement or

refund within 90 days of purchase if you are not satisfied. For specific warranty details from SAMSUNG, please refer to the documentation provided with your product or visit the official SAMSUNG support website. For customer support regarding this product, please contact the seller or Amazon customer service.