

Samsung QN55Q70A

SAMSUNG QN55Q70A QLED 4K Smart TV User Manual

Model: QN55Q70A (55-Inch)

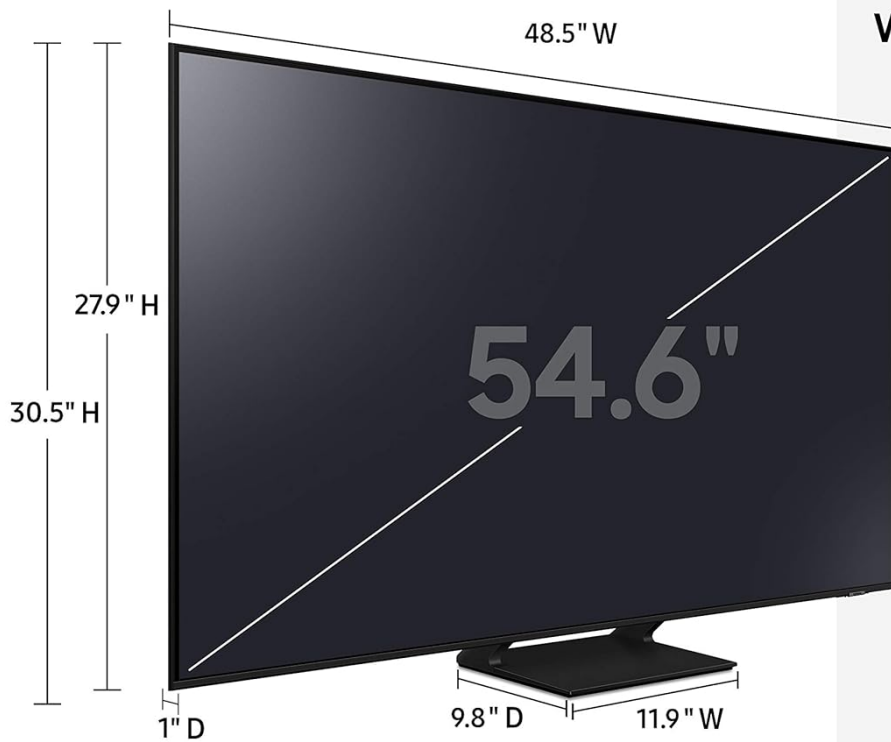
INTRODUCTION

This manual provides essential information for the safe and efficient use of your SAMSUNG QN55Q70A 55-inch QLED 4K Smart TV. Please read these instructions thoroughly before operating the device and retain them for future reference. This guide covers setup, operation, maintenance, troubleshooting, and technical specifications to ensure you get the most out of your television.

WHAT'S IN THE BOX

Upon unpacking, please verify that all the following components are included:

- SAMSUNG QN55Q70A 55-inch QLED 4K Smart TV
- Power Cable
- Standard Smart Remote (TM2180E) with batteries
- User Manual (this document)
- eManual (digital version)



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: 48.5 x 27.9 x 1
- TV With Stand: 48.5 x 30.5 x 9.8
- Stand Footprint: 11.9 x 8.5 x 9.8

Stand height not shown in visual

Features and specifications subject to change.

Image: Contents of the box, showing the 55-inch television with dimensions, a remote control (TM2180E), and a list of included accessories.

SETUP

1. Unpacking and Placement

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

2. Connecting Power

Connect the provided power cable to the TV's power input and then to a wall outlet. The TV is designed for 120 Volts AC power.

3. Initial Setup

Upon first power-on, the TV will guide you through the initial setup process, including language selection, network connection (Wi-Fi or Ethernet), and channel scanning. Follow the on-screen prompts.

OPERATING YOUR TV

Quantum Processor 4K

Your TV features a Quantum Processor 4K, which utilizes machine-based AI to elevate picture quality to 4K resolution. This processor optimizes content for enhanced clarity and detail.

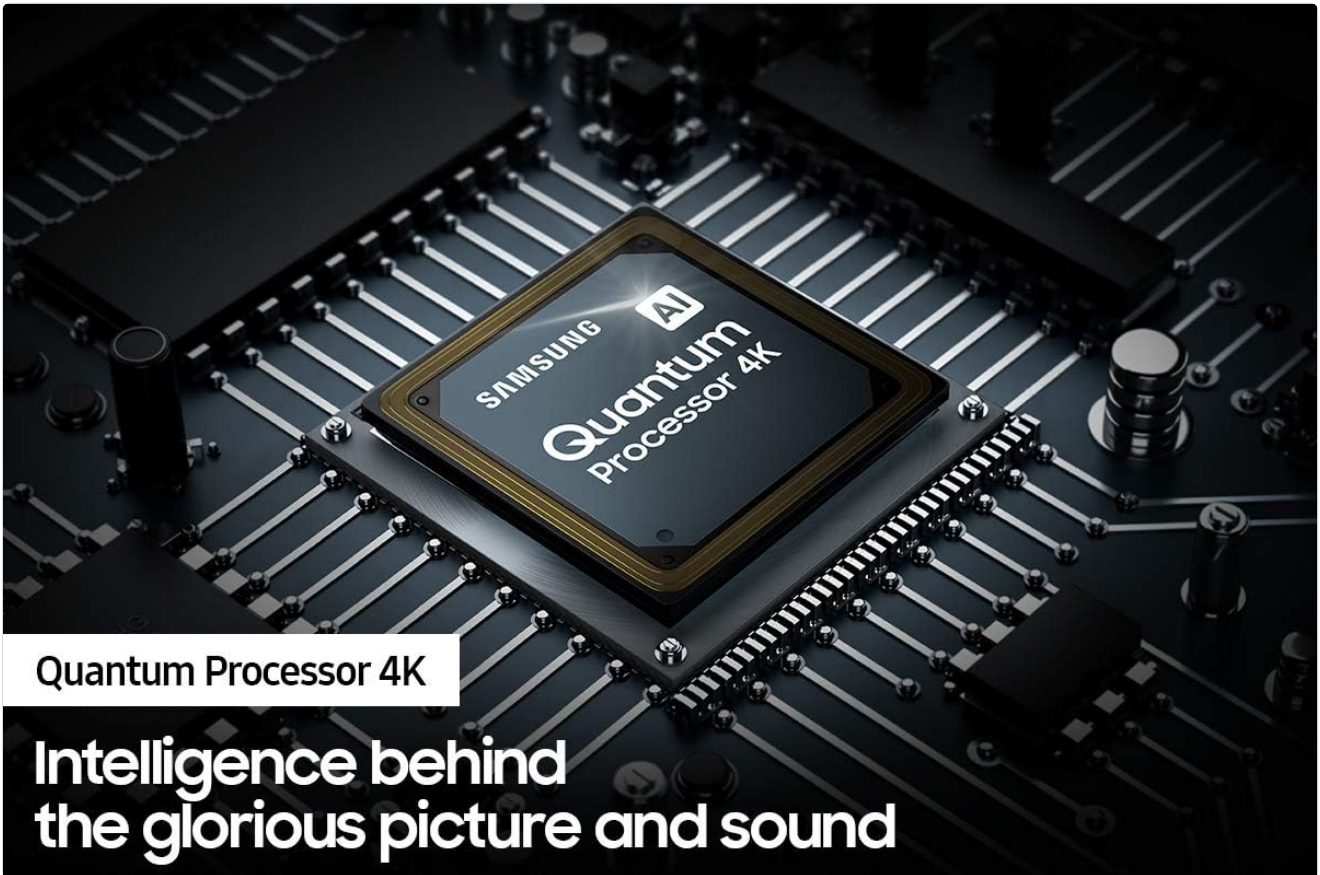


Image: The Quantum Processor 4K chip, illustrating the intelligence behind picture and sound optimization.

Motion Xcelerator Turbo+

Experience exceptional motion enhancements up to 4K 120Hz with Motion Xcelerator Turbo+. This technology minimizes motion blur, ensuring smooth and crisp action, especially beneficial for fast-paced content and gaming.



Exceptional motion enhancements in 4K 120Hz

Image: A visual comparison showing the clarity of a moving car with Motion Xcelerator Turbo+ versus a blurred image without it, highlighting exceptional motion enhancements.

Your browser does not support the video tag.

Video: Official Samsung QLED Q70A Series overview, demonstrating features like smooth motion, 4K AI upscaling, Dual LED, and 100% Color Volume.

Dual LED Backlight

The Dual LED Backlight system uses dedicated warm and cool LED backlights to provide enhanced contrast, resulting in a more optimized backlight color tone for your viewing experience.



Dual LED

Optimized backlight color tone for enhanced contrast

Image: A QLED TV screen showing a waterfall and sunset, illustrating the optimized backlight color tone for enhanced contrast provided by Dual LED technology.

100% Color Volume with Quantum Dot

Your QLED TV delivers 100% Color Volume with Quantum Dot technology, offering a billion stay-true shades of breathtaking color. This ensures vibrant and lifelike colors even in bright scenes, covering the DCI-P3 color space used for most cinema screens and HDR movies.



100% Color Volume with Quantum Dot

**A billion shades of color
with Quantum Dot**

Image: A QLED TV screen displaying a colorful scene of flamingos, demonstrating the rich and accurate colors achieved with 100% Color Volume and Quantum Dot.

Quantum HDR

Go beyond standard HDTV with Quantum HDR, which provides an expanded range of color, brightness, and contrast. This technology unlocks crisp details and a more dynamic picture.

Alexa Built-in

Your TV includes Alexa Built-in, allowing you to control various functions using voice commands. Simply press and hold the mic button on your remote, or if hands-free is enabled, say "Alexa" to open apps, change channels, search for content, play music, and control smart home devices.

CONNECTIONS

The rear panel of your TV provides various ports for connecting external devices. Refer to the image below for port locations and types:



Image: Rear view of the TV's connection panel, showing multiple HDMI ports (including eARC), USB ports, LAN port, and antenna input.

- **HDMI Ports (x4):** Connect Blu-ray players, game consoles, soundbars, and other HDMI-compatible devices.

HDMI 3 supports eARC for enhanced audio return channel functionality.

- **USB Ports (x2):** Connect USB storage devices for media playback or software updates.
- **LAN Port:** For wired internet connection.
- **ANT In:** Connect an antenna or cable for broadcast TV.
- **Ex-Link:** Service port.

For wireless connectivity, the TV supports Wi-Fi and Bluetooth.

MAINTENANCE

- **Cleaning the Screen:** Gently wipe the screen with a soft, dry microfiber cloth. For stubborn marks, lightly dampen the cloth with water or a screen-specific cleaning solution (do not spray directly onto the screen).
- **Cleaning the Frame:** Use a soft, dry cloth to wipe the TV frame and stand.
- **Dusting:** Regularly dust the ventilation openings on the back of the TV to prevent overheating.
- **Power Off:** Always unplug the TV from the power outlet before cleaning or performing any maintenance.

TROUBLESHOOTING

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

- **No Power:** Ensure the power cable is securely connected to both the TV and a working wall outlet. Try plugging another device into the same outlet to confirm it has power.
- **No Picture/Sound:**
 - Check that the correct input source is selected (e.g., HDMI 1, TV).
 - Verify all cables (HDMI, antenna) are securely connected.
 - Restart any connected external devices.
- **Remote Control Not Working:**
 - Replace the batteries in the remote control.
 - Ensure there are no obstructions between the remote and the TV.
 - Pair the remote with the TV again if it's a Smart Remote.
- **Network Connection Issues:**
 - Restart your router and modem.
 - Check Wi-Fi password and network settings on the TV.
 - Try a wired Ethernet connection if Wi-Fi is unstable.

For more detailed troubleshooting, refer to the eManual accessible through your TV's settings menu or visit the Samsung support website.

SPECIFICATIONS

| Feature | Detail |
|--------------|-----------|
| Brand | Samsung |
| Model Number | QN55Q70A |
| Screen Size | 55 Inches |

| | |
|--------------------------------|---|
| Display Technology | QLED |
| Resolution | 4K (3840 x 2160) |
| Refresh Rate | 120 Hz |
| Processor | Quantum Processor 4K |
| Backlight | Dual LED |
| Color Volume | 100% with Quantum Dot |
| HDR Support | Quantum HDR |
| Smart Features | Alexa Built-in, YouTube (Supported Internet Services) |
| Connectivity | Bluetooth, Ethernet, HDMI (x4), USB (x2), Wi-Fi |
| Aspect Ratio | 16:9 |
| Voltage | 120 Volts |
| Wattage | 185 watts |
| Item Weight | 35.9 Pounds |
| Product Dimensions (W x H x D) | 48.5 x 30.5 x 9.8 inches (with stand) |
| Special Feature | Flat Screen |

WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or visit the official Samsung support website. For technical assistance, product registration, or service requests, please contact Samsung Customer Service or visit their online support portal.

This product is a renewed item and may be subject to specific Amazon Renewed Guarantee terms. Please refer to your purchase documentation for details on return and replacement policies.