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› [Samsung](#) /

› [Samsung 75-Inch Class QLED 4K Q70D Series Smart TV User Manual](#)

Samsung QN75Q70D

Samsung 75-Inch Class QLED 4K Q70D Series Smart TV User Manual

Model: QN75Q70D

[Guide](#) [Operation](#) [Features](#) [Introduction](#) [What's in the Box](#) [Setup](#)
[Connectivity](#) [Maintenance](#) [Troubleshooting](#) [Specifications](#) [Warranty](#)
[& Support](#)

1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your Samsung 75-Inch Class QLED 4K Q70D Series Smart TV. Please read these instructions thoroughly before operating the device and retain them for future reference. This television combines advanced QLED display technology with smart features for an enhanced viewing experience.

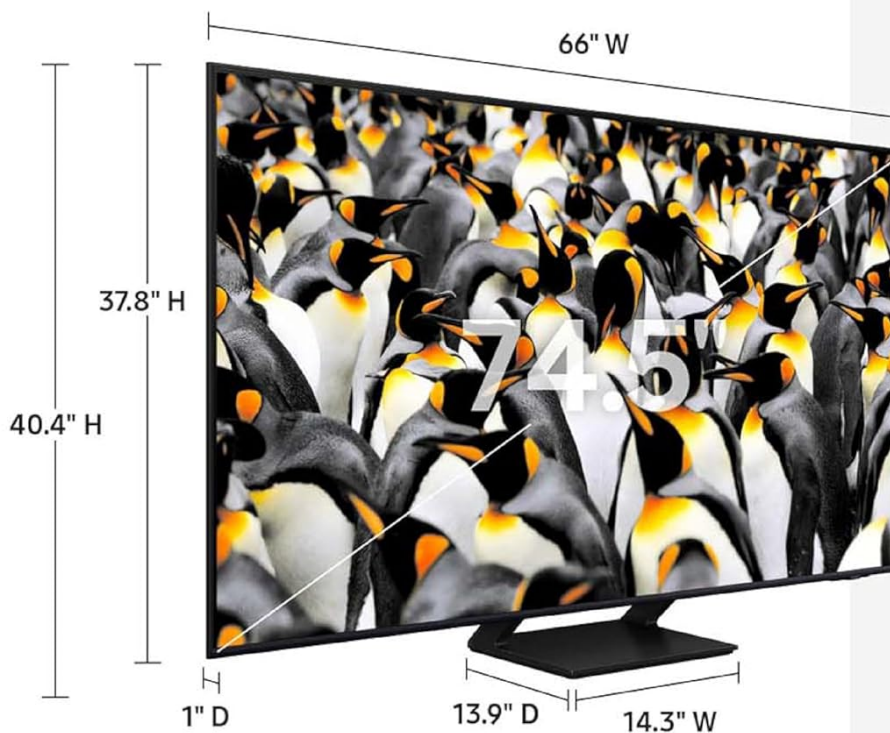


2. WHAT'S IN THE BOX

Verify that all components are present in the packaging before proceeding with setup.

- Samsung 75-Inch QLED 4K Q70D Series Smart TV
- Power Cable
- User Manual (this document)
- SolarCell Remote™ (TM2360E)

Model: 75" Q70D QLED 4K



Dimensions:

(INCHES W x H x D):

- TV Without Stand: 66 x 37.8 x 1
- TV With Stand: 66 x 40.4 x 13.9
- Stand Footprint: 14.3 x 10.5 x 13.9

Stand height not shown in visual

What's in the box:

- TV
- Power Cable
- User Manual
- SolarCell remote™ TM2360E



Features and specifications subject to change.

Image 2.1: Diagram showing the TV dimensions and included accessories: TV, Power Cable, User Manual, and SolarCell Remote™.

3. SETUP GUIDE

3.1. Physical Installation

Choose a suitable location for your TV. Ensure the surface is stable and can support the TV's weight. For wall

mounting, consult a professional or refer to the wall mount kit's instructions.

1. **Stand Assembly:** If using the included stand, carefully attach it to the TV following the diagrams in the quick setup guide. Ensure all screws are securely fastened.
2. **Placement:** Position the TV to avoid direct sunlight or strong artificial light, which can cause glare. Maintain adequate ventilation around the TV.

3.2. Connecting Power

Connect the power cable to the TV's power input port and then to a wall outlet. Do not plug the TV into an outlet until all other connections are made.

3.3. Initial Setup

Once powered on, the TV will guide you through the initial setup process, including language selection, network connection (Wi-Fi or Ethernet), and channel scanning.

4. OPERATING INSTRUCTIONS

4.1. Remote Control

The included SolarCell Remote™ allows you to control your TV. It charges via indoor lighting or USB-C. Familiarize yourself with the button layout for power, volume, channel, navigation, and smart hub access.

4.2. Basic Navigation

Use the directional pad and 'Select' button on the remote to navigate the on-screen menus. The 'Home' button provides access to the Smart Hub, where you can find apps, connected devices, and settings.

4.3. Input Selection

Press the 'Source' button on your remote to switch between connected devices such as Blu-ray players, game consoles, or cable boxes.

4.4. Smart TV Features (Tizen OS)

Your Samsung TV runs on the Tizen operating system, providing access to a wide range of streaming services, apps, and smart functionalities. Connect to the internet to utilize these features.

5. KEY FEATURES

The Samsung Q70D Series TV incorporates several advanced technologies for an optimized viewing and listening experience.

- **Dual LED:** This technology provides a natural, realistic picture with accurate contrast that automatically adjusts to match your content. It uses a combination of warm and cool LED backlights to fine-tune color tones.

Well-lit details

Get a natural, realistic picture and accurate contrast with innovative technology that adapts automatically to match your content.



Image 5.1: The TV screen showcasing well-lit details and natural contrast.

- **100% Color Volume with Quantum Dot:** Experience breathtaking color that remains true at any brightness level. Quantum Dot technology transforms light into over a billion shades, ensuring vibrant and accurate color reproduction.

True-to-life color

Take in breathtaking color that stays true at any level of brightness. Marvel as your TV transforms light into over a billion beautiful shades.*



* QLED televisions can produce 100% Color Volume in the DCI P3 color space, the format for most cinema screens and HDR movies for television.

Image 5.2: The TV screen demonstrating true-to-life color volume with Quantum Dot technology.

- **Quantum HDR:** This feature optimizes imagery by providing a wide range of color, contrast, and detail, ensuring a beautifully optimized picture regardless of the content.

Distinct contrast

View a range of color, contrast and detail. You'll get beautifully optimized imagery no matter what you're watching.



Image 5.3: The TV screen illustrating distinct contrast and optimized imagery with Quantum HDR.

- **Motion Xcelerator 120Hz:** Enjoy smooth action with exceptional motion enhancements. This technology delivers crisp visuals at a speed of 120 frames per second for a seamless picture, ideal for fast-paced content.

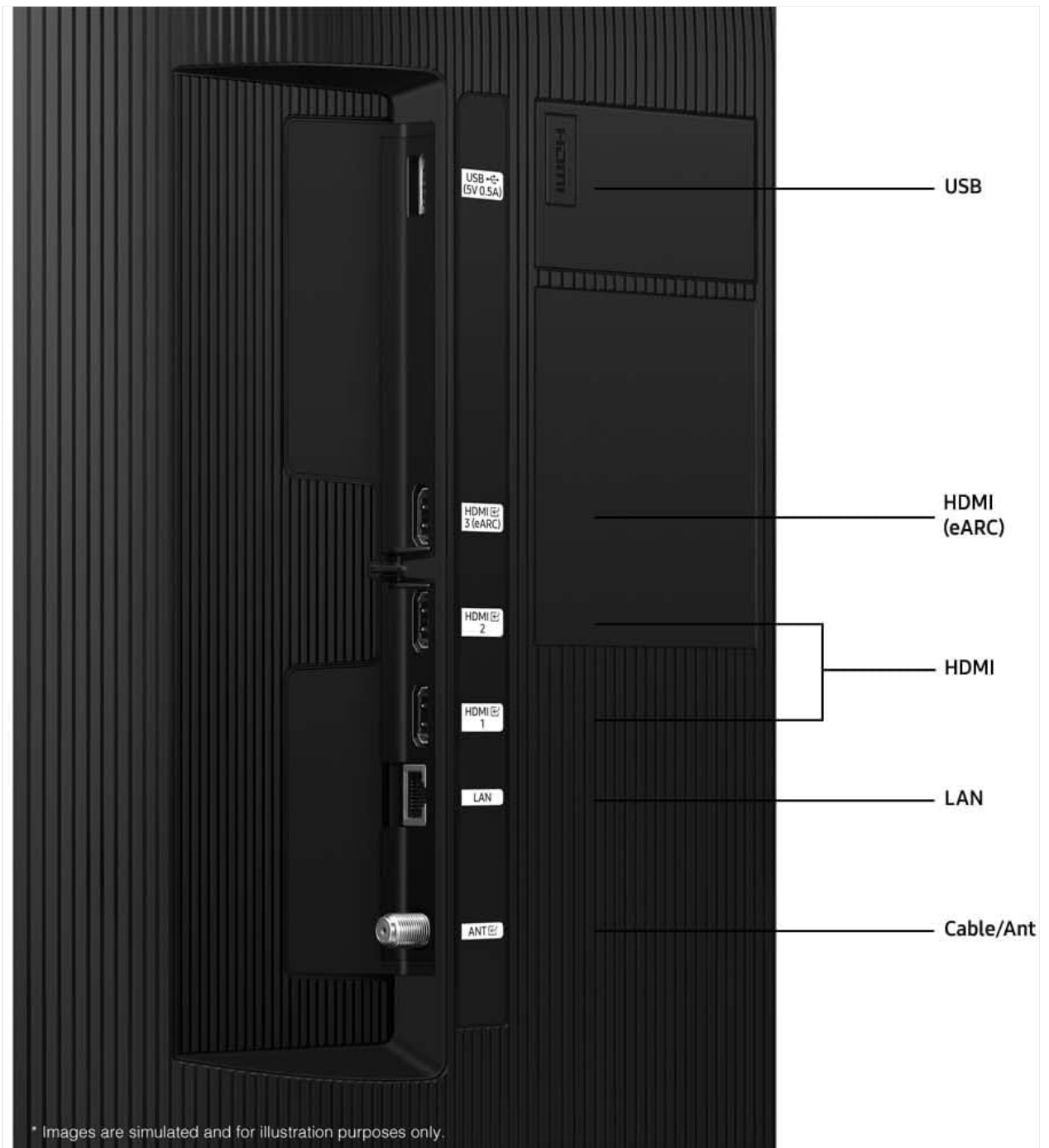


Image 5.4: The TV screen showing smooth motion during a high-speed scene.

- **Quantum Processor 4K with AI Upscaling:** This processor powers the TV's 4K HDR picture and sound, delivering sharp details, clear resolution, and vivid color and contrast by upscaling lower-resolution content to near 4K quality.
- **Object Tracking Sound Lite:** Experience 3D surround sound that follows the movement on screen using virtual top channel audio, creating an immersive audio experience.

Smooth motion

Experience smooth action with exceptional motion enhancements. Get crisp visuals at a speed of 120 frames per second for a seamless picture.*



* Motion Xcelerator120Hz is sometimes called Motion Xcelerator Turbo.

Image 5.5: The TV screen depicting incredible audio with Object Tracking Sound Lite.

- **Samsung Tizen OS:** The Smart TV platform powered by Tizen allows you to stream favorite shows, play games, and access various apps and streaming services.
- **Pantone Validated:** Enjoy color validated by industry experts at Pantone, ensuring that images on the screen appear accurate and true to life, with precise hues, tints, and skin tones.
- **Eye Comfort Mode:** This mode automatically adjusts the amount of blue light emitted by the screen from day to night. It intelligently adapts the display based on sunrise and sunset times to reduce blue light and enhance eye comfort.
- **Gaming Hub:** A centralized platform for gaming, allowing you to stream games directly from your TV without a console. It also provides recommendations based on your preferences.

6. CONNECTIVITY

Your TV offers various ports and wireless options for connecting external devices and networks.

- **HDMI Ports:** Multiple HDMI inputs (including eARC) for connecting high-definition devices like game consoles, Blu-ray players, and soundbars.
- **USB Ports:** For connecting USB storage devices to view media files.
- **LAN Port:** An Ethernet port for a wired internet connection.
- **Antenna/Cable Input:** For connecting an antenna or cable TV signal.
- **Wireless Connectivity:** Built-in Wi-Fi for internet access and Bluetooth for connecting wireless accessories like

headphones or speakers.

Incredible audio

You'll hear 3D surround sound that follows the movement on screen using our incredible virtual top channel audio.



Image 6.1: Rear panel connections of the Samsung Q70D Series TV.

7. MAINTENANCE

7.1. Cleaning the Screen

Gently wipe the screen with a soft, dry microfiber cloth. For stubborn marks, lightly dampen the cloth with water or a specialized screen cleaner. Avoid harsh chemicals or abrasive materials.

7.2. Cleaning the Cabinet

Wipe the TV cabinet with a soft, dry cloth. Do not use liquid cleaners directly on the TV.

7.3. Software Updates

Ensure your TV's software is up to date for optimal performance and security. You can usually check for updates through the TV's settings menu.

8. TROUBLESHOOTING

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 a working wall outlet. Try a different outlet.
- **No Picture/Sound:** Verify the correct input source is selected. Check all cable connections (HDMI, antenna). Restart connected devices.
- **Remote Not Working:** Ensure the SolarCell Remote™ is charged. Point the remote directly at the TV.
- **Poor Picture Quality:** Check the signal source. Adjust picture settings (brightness, contrast, sharpness) in the TV menu.
- **No Internet Connection:** Check your Wi-Fi network or Ethernet cable connection. Restart your router and modem.

For more detailed troubleshooting, consult the comprehensive e-Manual accessible through your TV's settings or visit the Samsung support website.

9. SPECIFICATIONS

Feature	Detail
Brand	Samsung
Model Number	QN75Q70D
Screen Size	75 Inches
Display Technology	QLED
Resolution	4K
Refresh Rate	120Hz
Product Dimensions (W x H x D)	66 x 40.4 x 13.9 inches (with stand)
Item Weight	76.5 pounds
Connectivity Technology	Bluetooth, HDMI, Wi-Fi
Supported Internet Services	Netflix, Hulu, Amazon Prime Video, and more via Tizen OS
Special Features	Built-In Speaker, Dual LED, Quantum HDR, Motion Xcelerator 120Hz, Object Tracking Sound Lite, Gaming Hub, Eye Comfort Mode

10. WARRANTY & SUPPORT

For warranty information, please refer to the warranty card included with your product or visit the official Samsung website. Support resources, including FAQs, software downloads, and contact information, are available on the Samsung support portal.

Online Support: Visit samsung.com/us/support/

Customer Service: Refer to your region's Samsung website for local contact numbers.

