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Samsung QN85QN85A

Samsung QN85QN85A 85-inch Neo QLED 4K Smart TV User Manual

Model: QN85QN85A

1. INTRODUCTION

This manual provides essential information for setting up, operating, and maintaining your Samsung QN85QN85A 85-inch Neo QLED 4K Smart TV. Please read these instructions carefully to ensure optimal performance and longevity of your television.

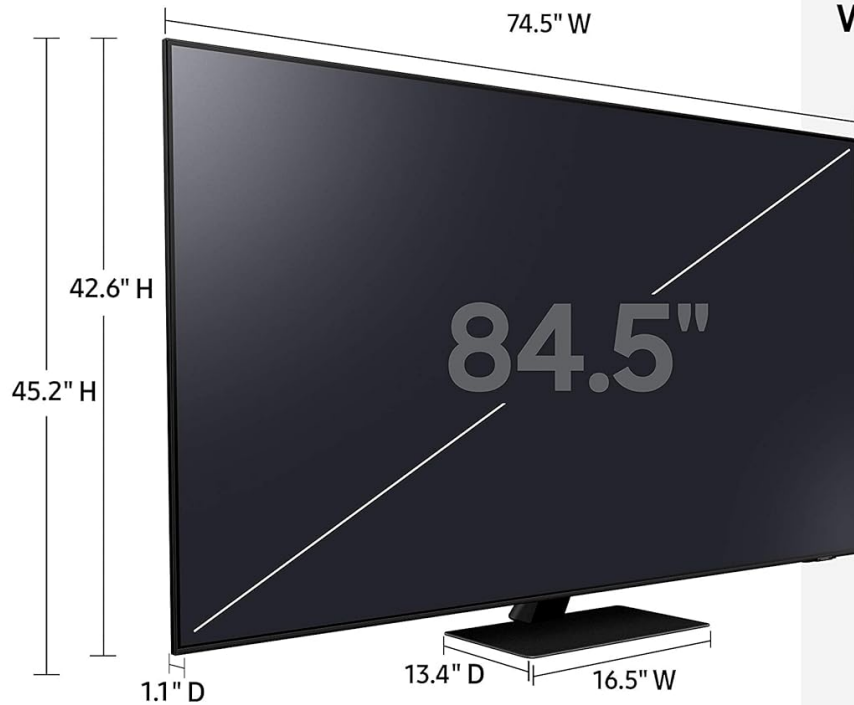


Figure 1: Front view of the Samsung QN85QN85A 85-inch Neo QLED 4K Smart TV.

2. WHAT'S IN THE BOX

Verify that all components are present upon unboxing:

- Power Cable
- Standard Remote Controller
- Samsung Smart Control (Included)
- User Manual
- E - Manual



What's in the box:

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



Features and specifications subject to change.

Dimensions:

(INCHES W x H x D):

- TV Without Stand: 74.5 x 42.6 x 1.1
- TV With Stand: 74.5 x 45.2 x 14.4
- Stand Footprint: 16.5 x 10.7 x 13.4

Stand height not shown in visual

Figure 2: Included accessories and TV dimensions.

3. SETUP

3.1 Physical Setup

Carefully unpack the television. You can choose to install the included stand or mount the TV on a wall using a

compatible VESA mount (sold separately).





Figure 3: Slim side profile of the Samsung QN85QN85A TV.

3.2 Connections

Connect your external devices to the appropriate ports on the back of the TV. The Samsung QN85QN85A features multiple HDMI, USB, LAN, and antenna ports.



Figure 4: Rear panel with various connectivity options.

For optimal audio quality with compatible sound systems, use the HDMI eARC port. For internet connectivity, you can use either the LAN port for a wired connection or Wi-Fi for a wireless connection.

3.3 Initial Power On

After connecting all necessary cables, plug the power cable into an electrical outlet. Press the power button on the remote control or on the TV itself to turn on the television. Follow the on-screen instructions for initial setup, including network configuration and channel scanning.

3.4 Unboxing and Setup Video

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Video 1: An overview of the Samsung QN85A Series, including unboxing and setup details.

4. OPERATING INSTRUCTIONS

4.1 Smart Hub Navigation

The Smart Hub provides access to all your favorite apps, streaming services, and connected devices. Use the remote control's directional pad to navigate through the menus and select desired content.

4.2 Remote Control Usage

Your Samsung Smart Control remote features a solar panel for charging, reducing the need for disposable batteries. It includes dedicated buttons for popular streaming services like Netflix and Amazon Prime Video, as well as voice control functionality for hands-free operation.

4.3 Picture Settings

The Samsung QN85QN85A utilizes advanced display technologies to deliver a superior viewing experience:

- **Quantum Matrix Technology with Mini LED:** Experience ultra-fine light control for brilliant intensity and deep blacks.
- **Samsung Neo Quantum Processor 4K:** This intelligent processor uses multi-layered neural networks to upscale content to 4K resolution.
- **Quantum HDR 24X:** Enjoy vivid colors and dynamic contrast that bring content to life.



Quantum Matrix Technology

**The pinnacle of ultra-fine
light control**

Figure 5: Quantum Matrix Technology provides precise light control.



Neo Quantum Processor 4K

**Intelligent processor
perfected by deep-learning**

Figure 6: The Neo Quantum Processor 4K enhances picture quality.



Quantum HDR 32x

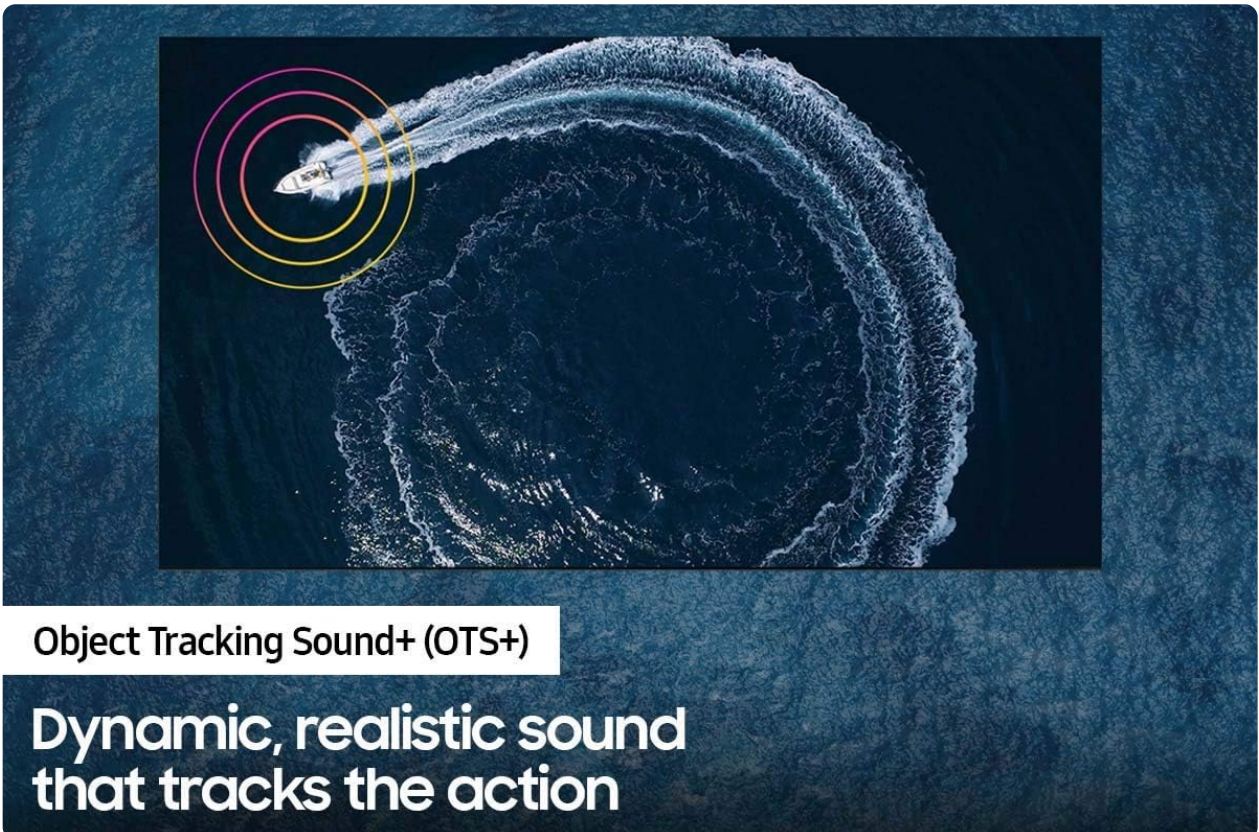
**Spectacular contrast just as
the director intended**



Figure 7: Quantum HDR 24X delivers spectacular contrast.

4.4 Sound Settings

The television features Object Tracking Sound, which allows audio to move dynamically with the action on screen, creating a more immersive experience.



Object Tracking Sound+ (OTS+)

**Dynamic, realistic sound
that tracks the action**

Figure 8: Object Tracking Sound+ for dynamic audio.

4.5 Smart Features

- **Alexa Built-in:** Use voice commands to open apps, change channels, search for content, play music, and control smart home devices.
- **Motion Xcelerator Turbo+:** Enjoy exceptional motion enhancements up to 4K 120Hz, ideal for gaming and fast-paced action.

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Video 2: Overview of QN90F features, which are similar to the QN85A series.

5. MAINTENANCE

To maintain the visual quality and performance of your TV, regularly clean the screen and frame with a soft, dry microfiber cloth. Avoid using harsh chemicals or abrasive materials. Ensure proper ventilation around the TV to prevent overheating.

6. TROUBLESHOOTING

If you encounter issues with your TV, try the following basic troubleshooting steps:

- **No Power:** Check if the power cable is securely connected to both the TV and the power outlet.
- **No Picture/Sound:** Verify that the correct input source is selected. Check all cable connections to external devices.
- **Remote Not Working:** Ensure the remote is charged (via solar or USB-C). Point the remote directly at the TV.
- **Network Connection Issues:** Restart your router and modem. Reconnect the TV to your Wi-Fi network or try a wired LAN connection.

For more detailed troubleshooting, refer to the E-Manual accessible through your TV's Smart Hub or contact Samsung customer support.

7. SPECIFICATIONS

Feature	Detail
Brand	Samsung
Model Number	QN85QN85A
Screen Size	85 Inches
Display Technology	QLED
Resolution	4K
Refresh Rate	120 Hz
Connectivity Technology	Bluetooth, Ethernet, HDMI, USB, Wi-Fi
Product Dimensions	14.4 x 74.5 x 45.2 inches
Item Weight	119.7 Pounds
Special Features	Flat, Alexa Built-in, Motion Xcelerator Turbo+, Object Tracking Sound, Quantum Matrix Technology with Mini LED, Neo Quantum Processor 4K, Quantum HDR 24X

8. WARRANTY AND SUPPORT

This product is offered as an Amazon Renewed item and is eligible for replacement or refund under the Amazon Renewed Guarantee for 90 days from the date of purchase. For further assistance or to inquire about additional support options, please visit the official Samsung support website or contact their customer service directly.