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› Samsung QN75QN85CAFXZA 75 Inch Neo QLED 4K Smart TV 2023 User Manual

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Samsung QN75QN85CAFXZA 75 Inch Neo QLED 4K Smart TV 2023 User Manual

Model: QN75QN85CAFXZA

1. INTRODUCTION

This manual provides essential information for setting up, operating, and maintaining your Samsung QN75QN85CAFXZA 75 Inch Neo QLED 4K Smart TV. Please read it thoroughly to ensure safe and optimal use of your television.



Figure 1.1: Front view of the Samsung QN75QN85CAFXZA Neo QLED 4K Smart TV.

The Samsung QN75QN85CAFXZA features Neo QLED technology, delivering vibrant colors and deep blacks. It includes a Neural Quantum Processor with 4K Upscaling, Motion Xcelerator Turbo+, Dolby Atmos, and Object Tracking Sound for an immersive viewing experience. The TV also integrates smart features with Tizen OS, Bixby, and Alexa built-in.

2. SAFETY INFORMATION

Before operating the TV, ensure you read and understand all safety instructions. Keep this manual for future reference.

- **Power Source:** Only connect the TV to an AC power outlet that matches the voltage specified on the TV's label.
- **Ventilation:** Do not block ventilation openings. Ensure adequate space around the TV for proper airflow to prevent overheating.
- **Liquid Exposure:** Do not expose the TV to rain or moisture. Avoid placing objects filled with liquids, such as vases, on the TV.
- **Cleaning:** Unplug the TV before cleaning. Use a soft, dry cloth. Do not use liquid cleaners or aerosol cleaners.

- **Mounting:** If wall-mounting, ensure the wall mount is compatible with the TV's weight and VESA standards. Follow the wall mount manufacturer's instructions carefully.
- **Children:** Do not allow children to climb on the TV or stand.

3. WHAT'S IN THE BOX

Verify that all components are present:

- Samsung 75 Inch Neo QLED 4K Smart TV
- SolarCell Remote Control
- User Manual (this document)
- E-Manual (digital version accessible via TV)
- Power Cable
- Stand Components (if not pre-assembled)

4. SETUP

4.1 Unpacking

Carefully remove the TV from its packaging. It is recommended to have at least two people for this process due to the size and weight of the 75-inch model.

4.2 Stand Assembly (Optional)

If you are not wall-mounting the TV, assemble the stand according to the instructions provided with the stand components. Ensure all screws are securely fastened.



Figure 4.1: Angled view of the TV with its hexagonal plate stand.

4.3 Wall Mounting (Optional)

The TV supports wall mounting. Refer to the wall mount manufacturer's instructions for installation. The TV's dimensions are approximately 65.7" W x 40.1" H x 12.3" D (with stand) or 65.7" W x 37.4" H x 1.1" D (without stand). Ensure the wall mount can support the TV's weight of 88 pounds.



Figure 4.2: Dimensions of the Samsung QN75QN85CAFXZA TV.

4.4 Connecting Peripherals

Connect your external devices to the TV's ports:

- **HDMI:** The TV has 4 HDMI ports. Use these for connecting devices like Blu-ray players, game consoles, or cable boxes.
- **USB:** The TV has 2 USB ports. Use these for connecting USB storage devices or other compatible peripherals.
- **Power:** Connect the power cable to the TV and then to a wall outlet.

4.5 Initial Power On and Setup Wizard

After connecting the power, press the power button on the remote control. The TV will guide you through an initial setup wizard, including network connection (Wi-Fi), channel scanning, and smart features configuration.

5. OPERATING YOUR TV

5.1 Remote Control

The TV comes with a SolarCell Remote. This remote charges via a solar panel on its back or through a USB-C port. It features a built-in microphone for voice commands.

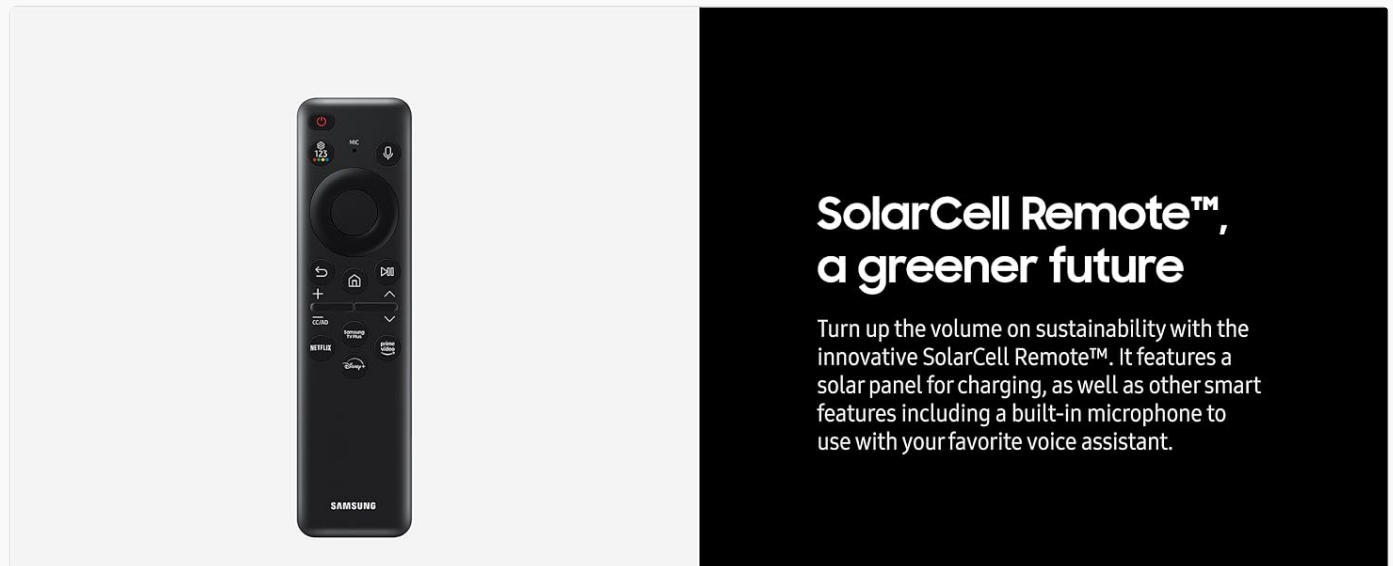


Figure 5.1: The Samsung SolarCell Remote Control.

Basic Functions:

- **Power Button:** Turns the TV on or off.
- **Directional Pad:** Navigates menus and selects items.
- **Volume/Channel Buttons:** Adjusts volume and changes channels.
- **Smart Hub Button:** Accesses the Smart Hub for apps and services.
- **Voice Assistant Button:** Activates Bixby or Alexa for voice commands.

5.2 Smart Hub and Tizen OS Navigation

The TV runs on Samsung's Tizen operating system. Press the Smart Hub button on your remote to access a variety of apps, streaming services, and connected devices. Navigate using the directional pad and select with the center button.

5.3 Picture Settings

Access the picture settings menu to customize your viewing experience. Key features include:

- **Picture Mode:** Choose from various presets like Standard, Dynamic, Movie, or Filmmaker Mode.
- **Brightness/Contrast/Sharpness:** Fine-tune these settings to your preference.
- **Neo Quantum HDR+:** Enhances contrast and color for HDR content.
- **Anti-Glare with Ultra Viewing Angle:** Provides a consistent and detailed 4K picture from various angles and lighting conditions.



Dolby Atmos and Object Tracking Sound+

Put yourself in the middle of the action.

Dolby Atmos

Figure 5.2: Comparison showing the effectiveness of Anti-Glare with Ultra Viewing Angle.

Everything you are about to see is true

Enjoy color validated by industry leading experts at Pantone, so that images on the screen look as incredible as they do in real life. From every fantastic detail on your favorite runway competition to popular animal and nature shows, you'll experience it all in a whole new way only on Samsung screens.



Figure 5.3: Neo Quantum HDR+ ensures accurate and vibrant color reproduction, validated by Pantone.

5.4 Sound Settings

Adjust audio settings for optimal sound quality:

- **Sound Mode:** Select from presets like Standard, Adaptive Sound, or Amplify.
- **Dolby Atmos and Object Tracking Sound:** Experience realistic 3D audio that moves with the action on screen.
- **Q-Symphony:** If you have a compatible Samsung Q-Series or S-Series soundbar, Q-Symphony allows the TV speakers and soundbar to operate simultaneously for a richer sound experience.

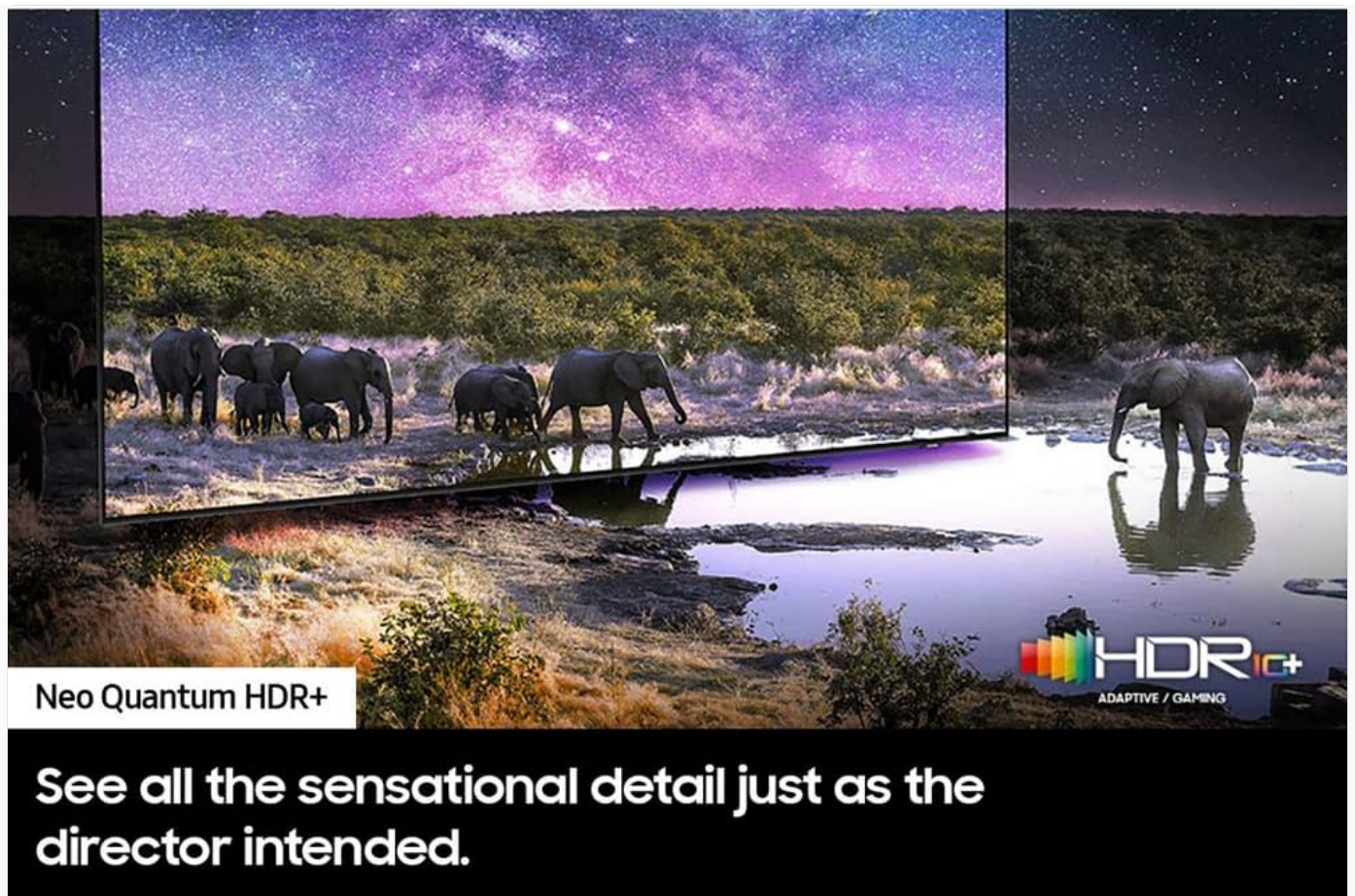


Figure 5.4: Dolby Atmos and Object Tracking Sound+ provide immersive audio.

5.5 Voice Assistants

Your TV has Bixby and Alexa built-in. Press the microphone button on your SolarCell Remote and speak your commands to control the TV, search for content, or get information.

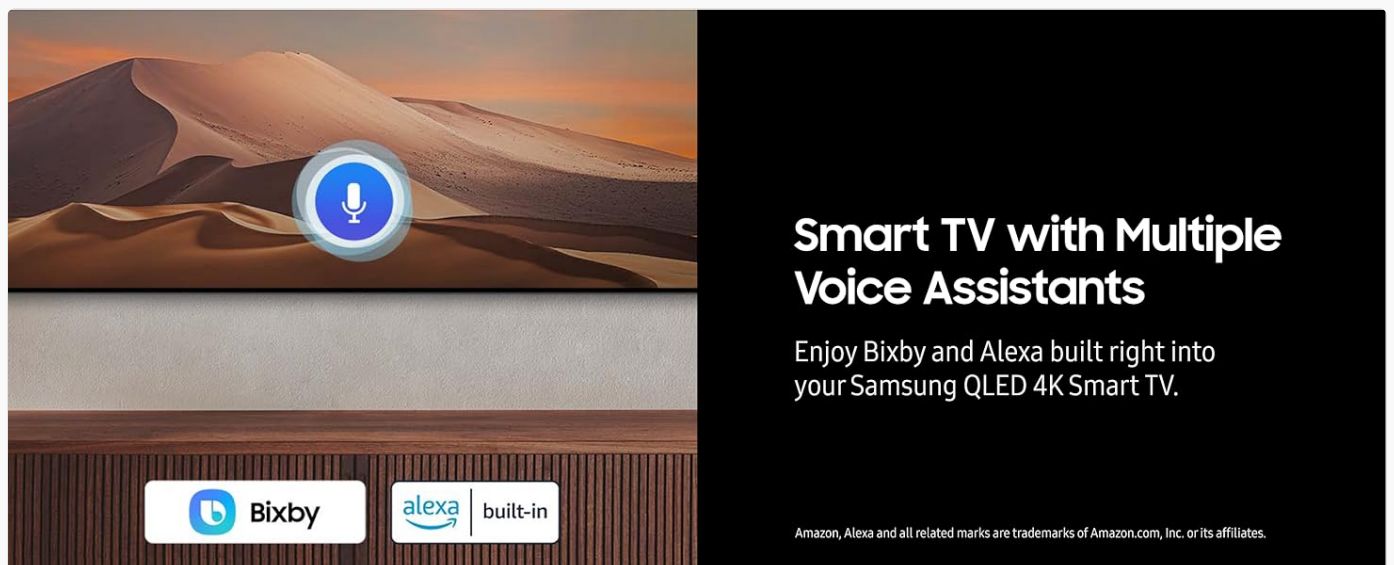


Figure 5.5: The TV supports Bixby and Alexa voice assistants.

5.6 Gaming Hub

The Samsung Gaming Hub provides a centralized platform for console games, streaming games, and other gaming services. The TV's Motion Xcelerator Turbo+ ensures smooth gameplay with a 120Hz refresh rate.



Figure 5.6: Motion Xcelerator Turbo+ delivers smooth motion for gaming and fast-paced content.

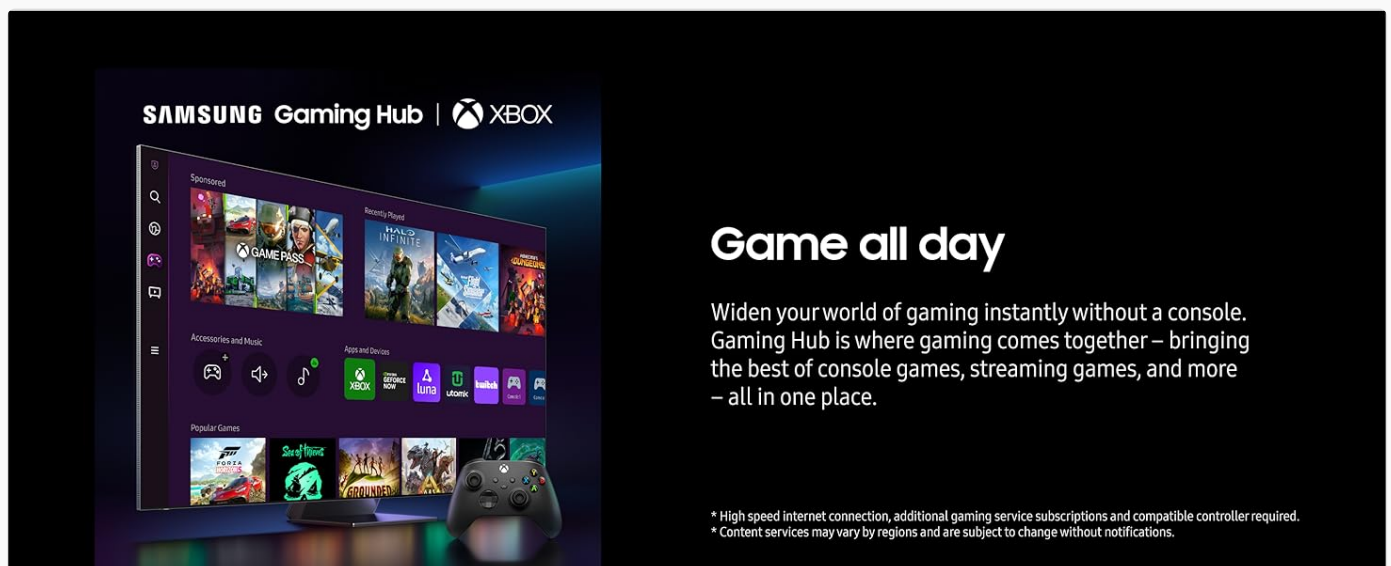


Figure 5.7: The Samsung Gaming Hub provides access to various gaming options.

5.7 Connectivity

The TV supports Wi-Fi and Bluetooth connectivity for seamless integration with your home network and other devices.

- **Wi-Fi:** Connect to your home wireless network for internet access, streaming, and smart features.
- **Bluetooth:** Pair Bluetooth-enabled devices such as headphones, soundbars, or game controllers.

6. MAINTENANCE

6.1 Cleaning the TV

To clean the screen and frame:

1. Unplug the TV from the power outlet.
2. Gently wipe the screen with a soft, dry microfiber cloth. For stubborn smudges, lightly dampen the cloth with water (do not spray directly on the screen).
3. Wipe the frame and stand with a soft, dry cloth.
4. Avoid using harsh chemicals, abrasive materials, or alcohol-based cleaners, as these can damage the screen or finish.

6.2 Software Updates

Regularly check for and install software updates to ensure your TV has the latest features, performance improvements, and security patches. You can usually find this option in the TV's settings menu under 'Support' or 'Software Update'.

7. TROUBLESHOOTING

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

Problem	Possible Solution
No power	Ensure the power cable is securely connected to the TV and the wall outlet. Check if the outlet is working by plugging in another device.
No picture, but sound is present	Check the input source. Ensure the connected device (e.g., cable box, Blu-ray player) is powered on and functioning correctly. Try a different HDMI cable.
No sound, but picture is present	Check the TV's volume and mute settings. Verify external audio devices (soundbar, receiver) are properly connected and powered on.
Remote control not working	Ensure there are no obstructions between the remote and the TV. Check the remote's battery level (SolarCell remote charges via light or USB-C). Try re-pairing the remote if necessary (refer to E-Manual for specific steps).
Wi-Fi connection issues	Restart your router and modem. Check the TV's network settings to ensure it's connected to the correct network and the password is entered correctly.
Picture quality issues (e.g., blurry, distorted)	Check the source content's resolution. Adjust picture settings (e.g., Picture Mode, Sharpness). Perform a picture test from the TV's support menu.

For more detailed troubleshooting, consult the E-Manual accessible directly from your TV's settings menu.

8. SPECIFICATIONS

Feature	Specification
Model Name	CRTSAMQN75QN85CARB
Screen Size	74.5 inches (diagonal)
Display Technology	Neo QLED
Resolution	4K (3840 x 2160)
Refresh Rate	120 Hz
Processor	Neural Quantum Processor with 4K Upscaling
HDR Support	Neo Quantum HDR
Audio Technology	Dolby Atmos, Object Tracking Sound
Operating System	Tizen
Voice Assistants	Bixby, Alexa (built-in)
Connectivity	Wi-Fi, Bluetooth
HDMI Ports	4
USB Ports	2
Dimensions (W x H x D) with Stand	65.7" x 40.1" x 12.3"
Weight	88 pounds
Mounting Type	Wall Mount (VESA compatible)
Power Consumption	300 watts

9. WARRANTY

This Samsung QN75QN85CAFXZA TV comes with a**90 Day Manufacturer REFURBISHED Warranty**. Please retain your proof of purchase for warranty claims. For specific terms and conditions, refer to the warranty documentation included with your product or contact Samsung customer support.

10. SUPPORT

For further assistance, technical support, or service requests, please contact Samsung Customer Support. You can find contact information on the official Samsung website or through the support section of your TV's E-Manual.

Online Resources:

- Samsung Official Website: www.samsung.com
- E-Manual: Accessible directly from your TV's settings menu.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

How do I send audio from my Samsung QN65Q90CAFXZA TV to a surround sound amplifier?

To send audio from your Samsung QN65Q90CAFXZA (or similar QN85C series) TV to a surround sound amplifier, you have several options depending on your amplifier's capabilities: HDMI eARC/ARC (Recommended): Connect a high-speed HDMI cable from...

[Read full answer](#)