

Samsung QN900F

Samsung 65-inch Neo QLED 8K QN900F Smart TV (2025) User Manual

Model: QN900F

1. INTRODUCTION

This manual provides essential information for setting up, operating, and maintaining your Samsung 65-inch Neo QLED 8K QN900F Smart TV (2025). Please read it thoroughly to ensure proper use and to maximize your viewing experience.



Figure 1.1: Front view of the Samsung 65-inch Neo QLED 8K QN900F Smart TV.

SAMSUNG

QN900F

Stunning 8K resolution with Samsung Vision AI and a Glare-Free screen

Advanced processing powers Samsung Vision AI* for hyper-real 8K picture, multi-dimensional sound, and new TV experiences — all complemented by a glare free screen and a sleek edgeless design.

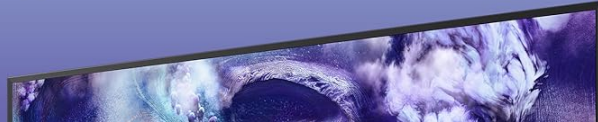


Figure 1.2: The Samsung QN900F features 8K resolution with Vision AI and a Glare-Free screen.

2. SAFETY INFORMATION

Always follow basic safety precautions when using this television to reduce the risk of fire, electric shock, and injury. Do not expose the TV to rain or moisture. Do not open the TV casing. Refer all servicing to qualified service personnel.

3. WHAT'S IN THE BOX

Your Samsung Neo QLED 8K QN900F Smart TV package includes the following items:

- Samsung Neo QLED 8K QN900F Vision AI Smart TV (2025)
- Remote Control
- User Manual and E-Manual
- Limited Protection Plan documentation
- Power Cable
- Stand components (Base, Neck, Mount)

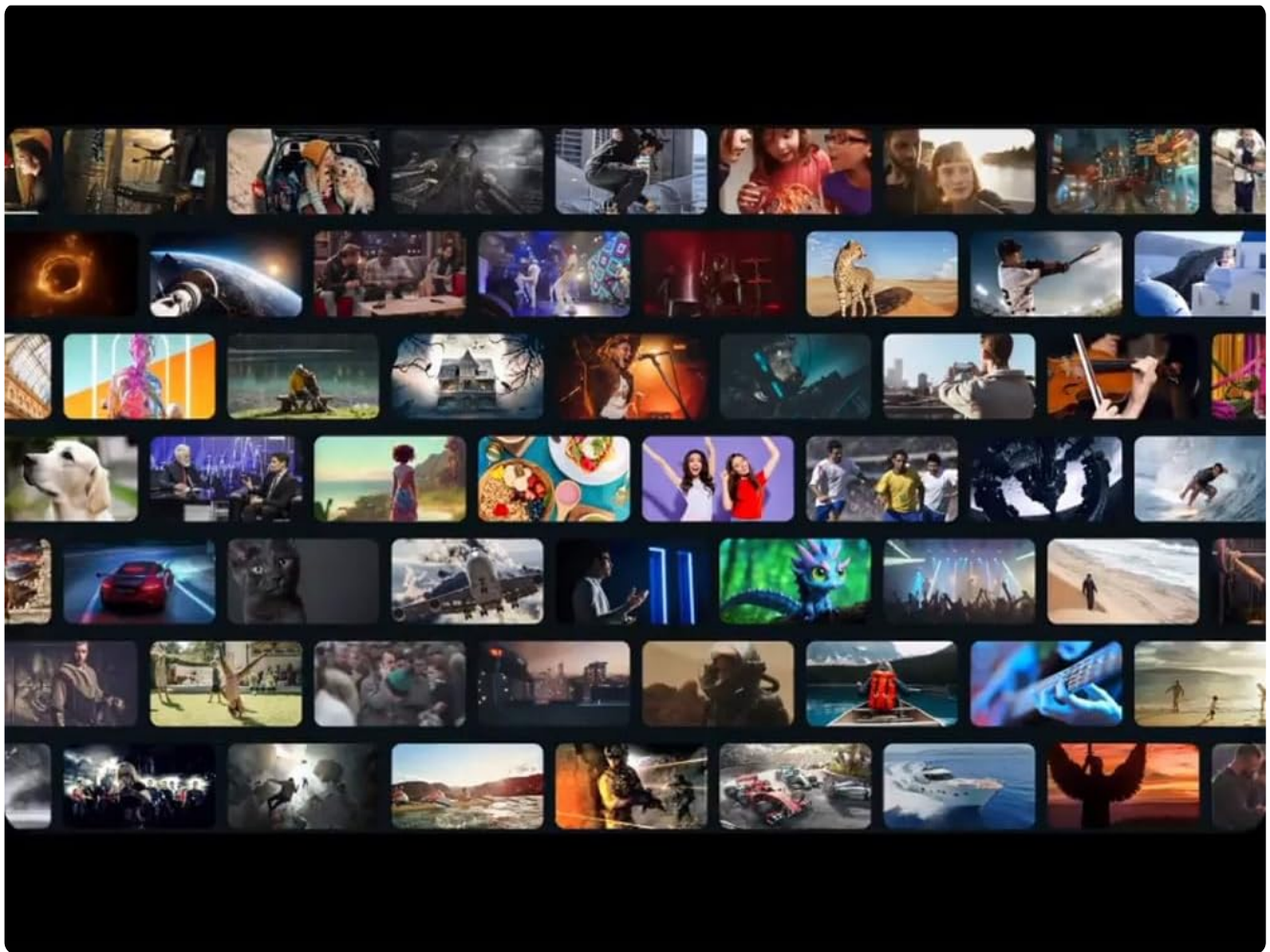


Figure 3.1: The Samsung QN900F TV and its bundled accessories.

4. SETUP

4.1 Unpacking and Stand Installation

It is recommended that two people handle the TV during unpacking and stand installation due to its size and weight. Ensure the TV is placed on a soft, flat surface to prevent screen damage during installation.

Your browser does not support the video tag.

Video 4.1: Official guide for installing the stand on Samsung 2025 Televisions.

4.2 Connecting Devices

The QN900F TV features multiple ports for connecting external devices:

- **HDMI Ports (4):** For connecting gaming consoles, Blu-ray players, soundbars, etc. Supports HDMI 2.1 for 4K 165Hz gaming.
- **USB Ports:** For connecting USB storage devices or other peripherals.
- **LAN Port:** For wired internet connection.
- **Optical Digital Audio Out:** For connecting to external audio systems.
- **Antenna/Cable Input:** For connecting an antenna or cable TV.



Figure 4.1: Rear view showing the various connectivity ports on the Samsung QN900F TV.

5. OPERATING THE TV

5.1 Smart Hub Interface

The Samsung Smart Hub provides quick access to your favorite apps, live TV, and connected devices. You can customize the order of apps for easy navigation.



Figure 5.1: The intuitive Samsung Smart Hub interface.

5.2 Remote Control

The included remote control is designed for ease of use, featuring dedicated buttons for popular streaming services like Netflix, Prime Video, and Disney+. It also includes a solar charging panel for convenience.

5.3 Picture and Sound Settings

Access the settings menu to adjust picture modes (Dynamic, Standard, Movie, Filmmaker Mode) and sound modes (Amplify, Standard). You can also connect Bluetooth speakers or soundbars for enhanced audio.

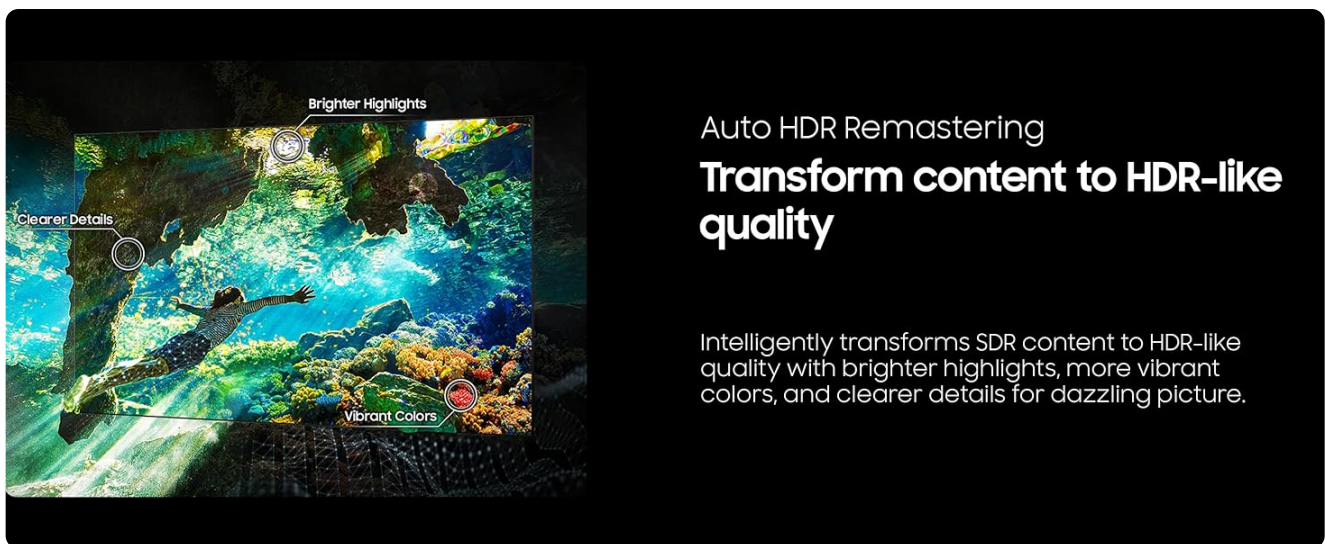


Figure 5.2: Auto HDR Remastering enhances content to HDR-like quality.

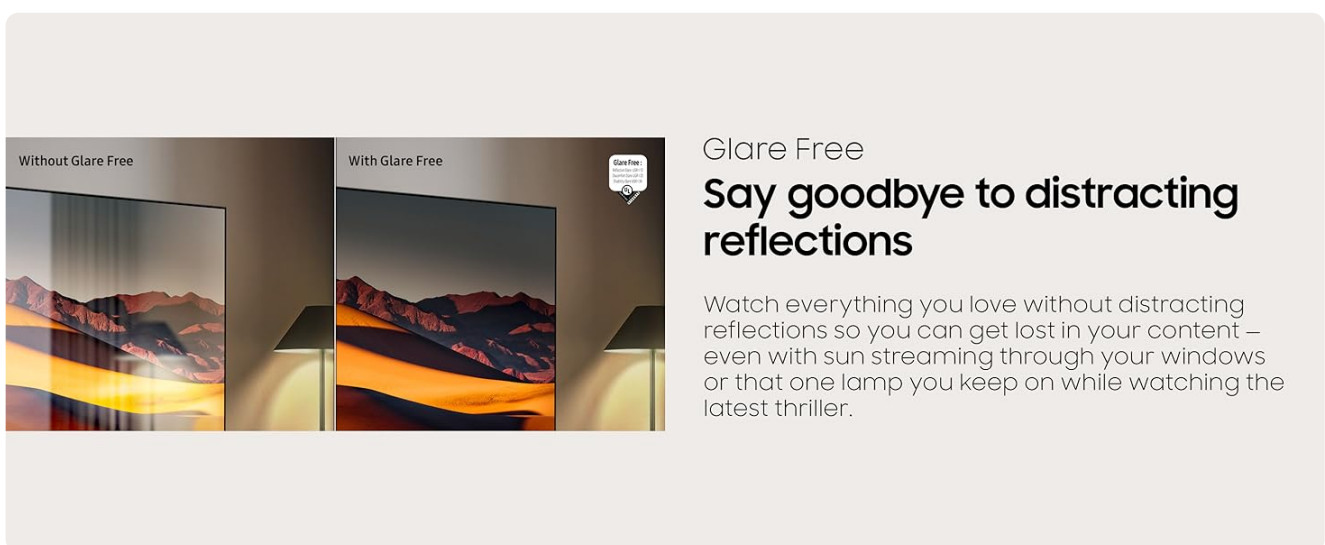


Figure 5.3: The Glare-Free screen minimizes reflections for an optimal viewing experience.

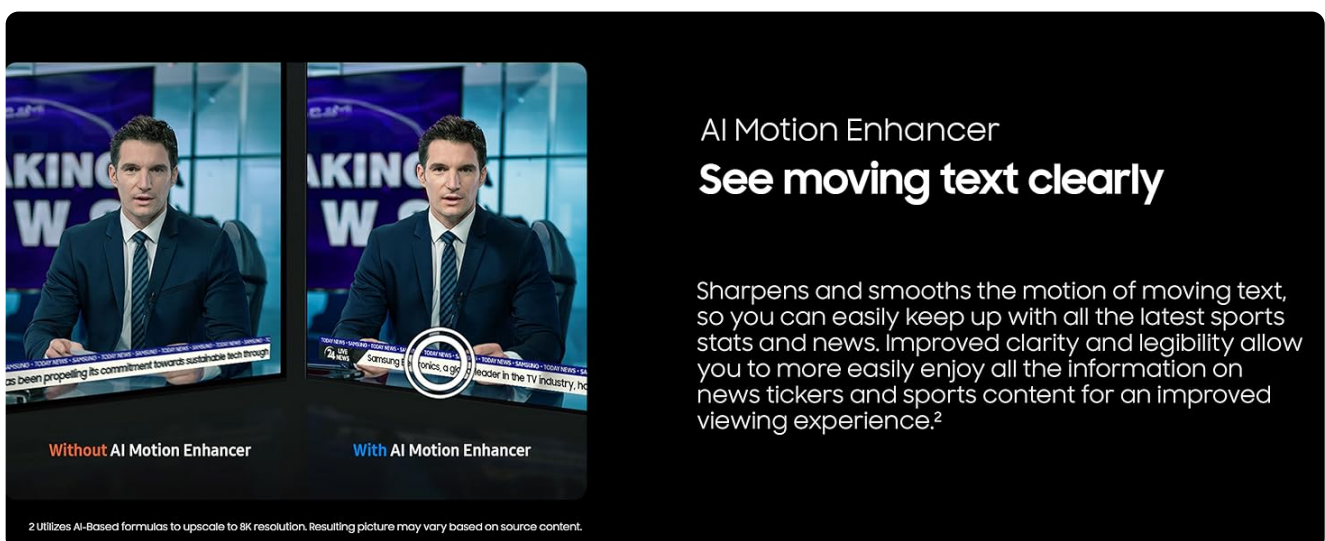


Figure 5.4: AI Motion Enhancer sharpens and smooths moving text for improved readability.

5.4 Smart Features

- **Art Store:** Transform your TV into a piece of art by displaying artwork from world-famous galleries and artists.
- **Samsung TV Plus:** Access a wide selection of free internet channels, including news, documentaries,

entertainment, and more.

- **Multi View:** Utilize the split-screen function to view multiple content sources simultaneously.



3 Samsung Account log-in and Wi-Fi connection are required. Includes free 30 refreshed artworks monthly through Art Store Streams and over 70 ambient content supported complimentary throughout the year. Paid subscription required to enjoy all the art from the Art Store.

Art Store

Access art from world-famous galleries and artists

Find the perfect piece of artwork from the world's leading museums and artists such as The Met, MoMA, Salvador Dali, Keith Haring, Jean Michel Basquiat and more.³ Discover new artwork with relevant and timely selections chosen by experts and find pieces that complement each season, holiday, and mood.

Figure 5.5: The Art Store allows you to display curated artwork on your TV.

6. GAMING FEATURES

The QN900F is optimized for an exceptional gaming experience:

- **Motion Xcelerator 165Hz:** Enjoy blazing-fast motion clarity with virtually no lag or blur, supporting VRR games at up to 4K 165Hz.
- **8K AI Upscaling:** Content is upscaled to stunning 8K resolution, enhancing every detail for immersive gameplay.
- **Low Input Lag:** Designed for responsive gaming.

7. MAINTENANCE

To ensure the longevity and optimal performance of your TV:

- Clean the screen gently with a soft, lint-free cloth. Avoid harsh chemicals.
- Keep the TV free from dust and debris.
- Ensure proper ventilation around the TV to prevent overheating.

8. TROUBLESHOOTING

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

- **No Power:** Check if the power cable is securely connected and the outlet is working.
- **No Picture/Sound:** Verify that all external devices are correctly connected and selected as the input source.
- **Remote Not Working:** Ensure the remote is charged (solar panel) and there are no obstructions between the remote and the TV.
- **Picture Quality Issues:** Adjust picture settings or reset them to factory defaults.

For more complex issues, refer to the E-Manual accessible via the TV's settings menu or contact Samsung customer support.

9. SPECIFICATIONS

- **Model:** QN900F
- **Screen Size:** 65 inches (64.5 inches standing display size)
- **Display Technology:** Neo QLED 8K
- **Resolution:** 8K (7680 x 4320)
- **Refresh Rate:** 120 Hz (up to 165Hz VRR at 4K)
- **Processor:** Vision AI, 8K AI Processor with 256 AI neural networks
- **Special Features:** Glare-Free, Art Store, Eye Comfort Mode, Metal Frame Design, Multi-dimensional sound with top-channel speakers
- **Connectivity:** Bluetooth, Wi-Fi, 4 HDMI (HDMI 2.1), USB, LAN, Optical, Satellite
- **Operating System:** Tizen Smart TV OS
- **Dimensions (with stand):** 10.1"D x 57.3"W x 34.1"H
- **Item Weight:** 57.1 Pounds

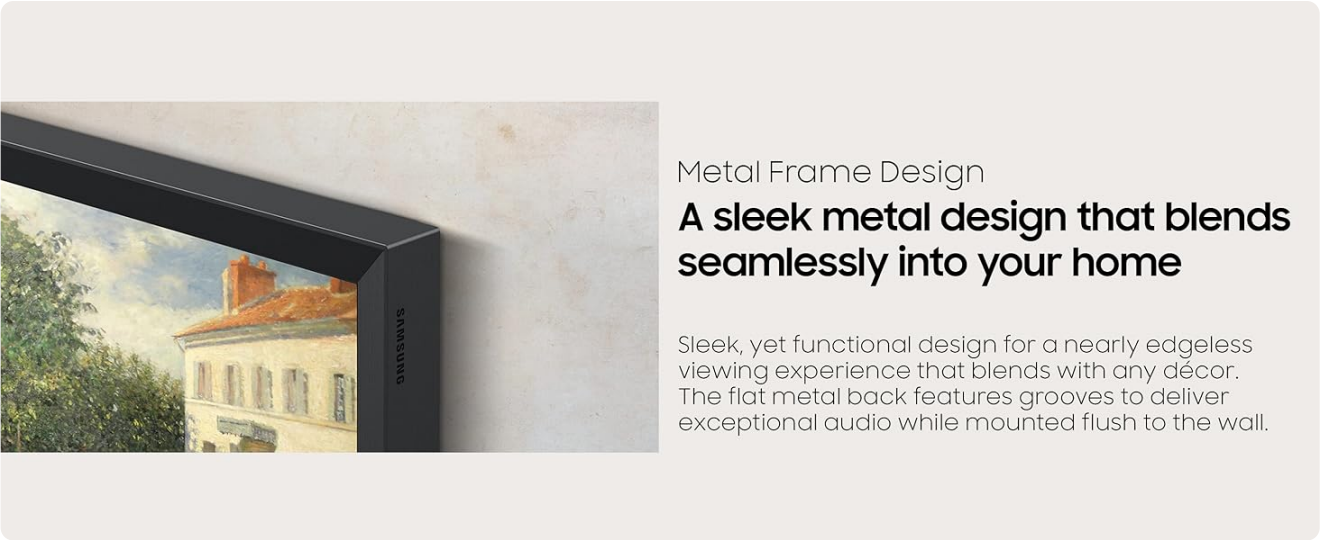


Figure 9.1: The QN900F features a sleek metal frame design.

10. WARRANTY AND SUPPORT

Your Samsung Neo QLED 8K QN900F Smart TV (2025) comes with a limited manufacturer's warranty. Please refer to the warranty documentation included in your package for specific terms and conditions. For technical support, product registration, or service inquiries, visit the official Samsung support website or contact their customer service hotline.