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> SAMSUNG QLED 4K Smart TV Q70D Series and Slim Fit Wall Mount User Manual

Samsung QN55Q70D

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Model: QN55Q70D, WMN-B50EB/ZA (2024 Model)

PRODUCT OVERVIEW

This manual provides detailed instructions for the setup, operation, and maintenance of your SAMSUNG 55-Inch Class QLED 4K Q70D Series Smart TV and the accompanying SAMSUNG Slim Fit TV Wall Mount. The Q70D Series TV offers a vibrant 4K QLED display with Quantum HDR, Object Tracking Sound Lite, and Motion Xcelerator technology for an enhanced viewing experience. The Slim Fit Wall Mount is designed for a minimalist installation, allowing the TV to sit close to the wall.



Image: SAMSUNG 55-Inch QLED 4K Smart TV (top) and Slim Fit Wall Mount components (bottom). The TV features a sleek design with a central stand, displaying a vibrant image of penguins. The wall mount consists of two black rectangular plates with mounting holes and adjustable brackets.

KEY FEATURES

- **DUAL LED:** Natural, realistic picture and accurate contrast adapting to content.
- **FLUSH FIT TO THE WALL:** Slim Fit Wall Mount allows for an ultra-slim 7.5 mm gap between TV and wall.
- **100% COLOR VOLUME w/ QUANTUM DOT:** Breathtaking color with over a billion shades.
- **QUANTUM HDR:** Optimized imagery with a wide range of color, contrast, and detail.
- **MOTION XCELERATOR 120Hz:** Smooth action with exceptional motion enhancements at 120 frames per second.
- **QUANTUM PROCESSOR 4K w/ AI UPSCALING:** Powers 4K HDR picture and sound for sharp details and vivid color.
- **Object Tracking Sound Lite:** Enhanced audio experience.

SETUP

1. Unpacking and Initial Placement

Carefully remove the TV and all accessories from the packaging. Place the TV on a stable, flat surface or prepare for wall mounting. Ensure adequate ventilation around the TV.

2. Wall Mount Installation (WMN-B50EB/ZA)

The Slim Fit Wall Mount is designed for easy installation. Follow these general steps:

1. **Prepare the Wall:** Identify a suitable location on a sturdy wall, ensuring it can support the weight of the TV and mount. Use a stud finder if mounting to drywall.
2. **Attach Wall Brackets:** Securely attach the wall mount brackets to the wall using the provided hardware. Ensure they are level and properly spaced according to the TV's VESA mounting pattern.
3. **Attach TV Brackets:** Securely attach the TV-side brackets to the back of your Samsung TV.
4. **Mount the TV:** Carefully lift the TV and hook the TV-side brackets onto the wall brackets. Ensure the TV is securely seated and locked into place. The swivel bracket allows for minor angle adjustments (10-15 degrees).

Refer to the detailed installation guide included with your Slim Fit Wall Mount for specific instructions and safety precautions. Professional installation is recommended for optimal safety and performance.

3. Connecting Devices

Connect your external devices to the TV using the appropriate ports:

- **HDMI:** For high-definition video and audio devices like Blu-ray players, gaming consoles, and cable boxes. The TV supports multiple HDMI inputs.
- **USB:** For connecting USB storage devices to play media files or for firmware updates.
- **Optical (Digital Audio Out):** For connecting to a soundbar or home theater system for enhanced audio.
- **Antenna/Cable In:** For connecting an antenna or cable TV signal.

After connecting, power on the TV and follow the on-screen instructions for initial setup, including network connection and channel scanning.

OPERATING YOUR TV

1. Basic Operation

Use the included remote control to navigate the TV's interface. The remote typically includes buttons for power, volume, channel, source selection, and smart hub access.

2. Picture Settings

Access the Picture Settings menu to adjust display options. You can select various picture modes (e.g., Standard, Dynamic, Movie, Filmmaker Mode) and fine-tune brightness, contrast, sharpness, color, and tint. The **Quantum HDR** and **Dual LED** technologies automatically optimize picture quality, but manual adjustments can be made to suit your preferences.

3. Sound Settings

Navigate to the Sound Settings menu to customize audio output. Features like **Object Tracking Sound Lite** enhance the audio experience by making sound follow the action on screen. You can also adjust sound modes, equalizer settings, and select your preferred audio output device (TV speakers, optical out, etc.).

4. Smart Features and Apps

Your Samsung Smart TV provides access to a wide range of streaming services and applications. Connect your TV to the internet via Wi-Fi or Ethernet to utilize these features. The intuitive Smart Hub allows for easy navigation and content discovery.

5. Motion Xcelerator 120Hz

For fast-paced content like sports or action movies, the **Motion Xcelerator 120Hz** feature ensures smooth, clear motion by reducing blur and judder. This setting can typically be adjusted in the picture or general settings menu.

6. Multi View

The Multi View feature allows you to watch multiple types of content simultaneously. For example, you can watch Live TV on the main view while mirroring your phone or viewing YouTube on a secondary screen. Access this feature through the Smart Hub or dedicated remote button.

MAINTENANCE

To ensure the longevity and optimal performance of your Samsung TV:

- **Cleaning the Screen:** Gently wipe the screen with a soft, dry microfiber cloth. For stubborn smudges, slightly dampen the cloth with water or a screen-specific cleaning solution. Avoid harsh chemicals or abrasive materials.
- **Cleaning the Frame and Stand:** Use a soft, dry cloth to clean the TV frame and stand.
- **Ventilation:** Ensure the TV's ventilation openings are not blocked to prevent overheating.
- **Software Updates:** Periodically check for and install software updates to ensure your TV has the latest features and security enhancements. This can usually be done through the TV's settings menu.

TROUBLESHOOTING

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

Problem	Possible Solution
No Power	Check if the power cord is securely plugged into both the TV and the wall outlet. Try a different outlet.
No Picture/Sound	Verify the correct input source is selected. Check all cable connections (HDMI, optical). Restart connected devices.
Remote Not Working	Replace batteries. Ensure no obstructions between remote and TV. Re-pair the remote if it's a Bluetooth model.
Poor Picture Quality	Adjust picture settings (brightness, contrast, sharpness). Check the quality of the input signal. Ensure cables are not damaged.
No Internet Connection	Check Wi-Fi password. Restart your router and modem. Ensure TV is within range of Wi-Fi signal.

For more complex issues, consult the full e-manual accessible via your TV's settings or visit the Samsung support website.

SPECIFICATIONS

Feature	Detail
Brand	Samsung
Model Name	Q70D Series (QN55Q70D)

Feature	Detail
Resolution	4K
Aspect Ratio	16:9
Connectivity Technology	HDMI, USB, Optical
Mounting Type	Wall Mount (Slim Fit WMN-B50EB/ZA)
Year	2024

WARRANTY AND SUPPORT

Your Samsung TV and Slim Fit Wall Mount are covered by a manufacturer's warranty. Please refer to the warranty card included in your product packaging for specific terms and conditions. For technical support, service, or to register your product, please visit the official Samsung support website or contact Samsung customer service.

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