Samsung QM65H

Samsung QM65H 65-inch 4K UHD LED Commercial Display User Manual

Model: QM65H (1AQ272)
Brand: Samsung

1. Introduction

The Samsung QM65H 65-inch 4K UHD LED Commercial Display is designed to deliver high-impact visual content with enhanced operational efficiency. This display features state-of-the-art UHD picture quality, providing four times the detail and clarity of standard alternatives. Its non-glare panel ensures a hyper-realistic and immersive viewing experience, even in brightly lit environments. The integrated TIZEN 3.0 operating system offers robust business-ready functionalities and advanced security measures to protect sensitive data. The display is thoroughly tested and certified for continuous 24/7 performance, making it suitable for various commercial settings.

Key Features:

- UHD resolution with non-glare panel for hyper-realistic visuals.
- Integrated TIZEN 3.0 operating system for improved business performance.
- Dust-resistant design ensuring continuous 24/7 operation.

2. Setup

2.1. Unpacking and Contents

Carefully unpack the display and verify all components are present. The package should include:

- LED-backlit LCD flat panel display
- Batteries

2.2. Physical Installation

The Samsung QM65H display can be installed using a VESA-compatible mount (400 x 400mm) or placed on a suitable

stand. Ensure the mounting surface can support the display's weight (approximately 50.26 pounds).



Figure 2.1: Rear view of the Samsung QM65H display, highlighting the various input and output ports for connectivity.



Figure 2.2: Side profile of the Samsung QM65H display, illustrating its slim depth and modern design.

2.3. Connectivity

Connect your devices to the display using the available ports:

- **HDMI:** Two HDMI ports are available for connecting various video sources.

- **DisplayPort:** For high-resolution video and audio connections.
- **USB:** Two USB 3.0 ports for connecting peripherals or media storage.
- **Component Outputs:** Two component outputs for specific audio/video needs.

2.4. Power Connection

Connect the power cable to the display and a suitable power outlet. Ensure the power switch is in the 'On' position.

2.5. Installation Video Guide

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Video 2.1: A short video demonstrating the installation process for the display, including mounting and initial setup steps.

3. Operating the Display

3.1. Power On/Off

Press the power button on the remote control or the display to turn it on or off. The display will typically boot into the TIZEN OS interface.

3.2. TIZEN OS Navigation

The display runs on the TIZEN 3.0 operating system, providing a user-friendly interface for managing content and settings. Use the remote control to navigate through menus, select applications, and adjust display parameters.

3.3. Content Playback and Management

The QM65H supports various content playback options, including UHD content playback and multi-video playback. Its superior HTML5 compatibility allows for flexible content integration. The intelligent UHD upscaling feature enhances lower-resolution content to near 4K quality.

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Video 3.1: An overview of Samsung UHD Commercial Signage features, including picture quality enhancements and smart functionalities.

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Video 3.2: This video details the product advantages and various content delivery methods supported by the display.

3.4. Security Features

The embedded TIZEN 3.0 OS provides enhanced security through Samsung Knox, offering defense across application, platform, and system layers. This restricts file and data access to authorized users, crucial for government, financial, and other information-based businesses.

4. Maintenance

4.1. Cleaning the Display

To clean the display, gently wipe the screen and frame with a soft, lint-free cloth. For stubborn marks, slightly dampen the cloth with water or a mild, non-abrasive screen cleaner. Avoid using harsh chemicals or abrasive materials that could damage the screen or finish.

4.2. Dust Resistance

The QM65H features a dust-resistant design, contributing to its continuous 24/7 performance. Regular light cleaning will help maintain optimal operation and visual clarity.

5. Troubleshooting

If you encounter any issues with your Samsung QM65H display, please refer to the following general troubleshooting steps:

- **No Power:** Ensure the power cable is securely connected to both the display and the power outlet. Check if the power outlet is functional.
- **No Picture:** Verify that the input source is correctly selected and the connected device is powered on. Check all video cables (HDMI, DisplayPort) for secure connections.
- **Poor Picture Quality:** Adjust display settings such as brightness, contrast, and sharpness. Ensure the content resolution matches the display's native 4K UHD resolution for optimal clarity.
- **No Sound:** Check the audio output settings on the display and the connected source device. Ensure volume is not muted or set too low.
- **Remote Control Issues:** Replace the batteries in the remote control. Ensure there are no obstructions between the remote and the display's sensor.

For persistent issues, consult the full product manual or contact Samsung customer support.

6. Specifications

Feature	Specification
Brand	Samsung
Model Number	1AQ272
Model Name	QM-H Series
Screen Size	65 Inches
Resolution	4K UHD 2160p (3840 x 2160 Pixels)
Aspect Ratio	16:9
Screen Surface Description	Glossy, Anti Glare Screen
Contrast Ratio	2000:1
Refresh Rate	60 Hz
Display Type	LED
Viewing Angle	178 Degrees
Response Time	8 Milliseconds
Connectivity Technology	DisplayPort
Total HDMI Ports	2

Feature	Specification
Total USB Ports	2 (USB 3.0)
Item Weight	50.26 Pounds
Color	Black
Mounting Type	VESA Compatible 400 x 400mm
Operating System	TIZEN 3.0

7. Warranty and Support

7.1. Return Policy

This product is eligible for 30-day easy returns. Please refer to your retailer's specific return policy for detailed terms and conditions.

7.2. Customer Support

For technical assistance, troubleshooting, or warranty claims, please contact Samsung Customer Support. Contact information can typically be found on the official Samsung website or in the documentation included with your product.

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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

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you@example.com

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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