

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [Samsung](#) /

› [Samsung QM85D UHD SMART Signage Display User Manual](#)

Samsung QM85D

Samsung QM85D UHD SMART Signage Display User Manual

Model: QM85D

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient use of your Samsung QM85D UHD SMART Signage Display. The QM85D is an 85-inch 4K Ultra High Definition (UHD) LED display designed for reliable 16/7 operation in commercial environments, offering superior picture quality with a resolution of 3840x2160, 6ms response time, and 450 nits brightness.

Please read this manual thoroughly before operating the device and retain it for future reference.

2. IMPORTANT SAFETY INFORMATION

Observe the following safety precautions to prevent damage to the product and ensure user safety:

- Always disconnect the power cord from the wall outlet before cleaning or servicing the display.
- Do not block ventilation openings. Ensure adequate airflow around the display.
- Avoid placing the display near heat sources or in direct sunlight.
- Use only the power cord and accessories specified by the manufacturer.
- Do not attempt to repair the display yourself. Refer all servicing to qualified service personnel.
- Handle the display with care due to its size and weight. Professional installation is recommended.

3. PACKAGE CONTENTS

Verify that all items are present in the package. If any items are missing or damaged, contact your vendor.

- Samsung QM85D UHD SMART Signage Display
- Power Cord
- Remote Control with Batteries
- User Manual (this document)
- Warranty Card (may vary by region)

4. SETUP AND INSTALLATION

4.1 Unpacking and Placement

Due to the size and weight of the QM85D, it is recommended that at least two people handle the display during unpacking and installation. Place the display on a stable, flat surface or mount it securely using a VESA-compatible wall mount (not included).



Figure 4.1: Front view of the Samsung QM85D UHD SMART Signage Display. This image shows the large 85-inch screen displaying a colorful image of a coastal town under a blue sky, highlighting its superior picture quality.

4.2 Connecting Cables

Connect the necessary cables to the display's input ports. Ensure all connections are secure before powering on the device.

- **Power Cable:** Connect the power cord to the AC IN port on the display and then to a grounded electrical outlet.
- **Video Input:** Use HDMI, DisplayPort, or DVI cables to connect your video source (e.g., PC, media player) to the corresponding input ports on the display.
- **Network Connection:** For SMART features and content management, connect an Ethernet cable to the LAN port or configure Wi-Fi.
- **USB Devices:** Connect USB storage devices for media playback or firmware updates to the USB ports.



Figure 4.2: Rear view of the Samsung QM85D display. This image details the arrangement of input/output ports, including HDMI, DisplayPort, USB, and LAN connections, essential for connecting external devices and power.

4.3 Initial Power On

After connecting all cables, press the power button on the display or the remote control. Follow the on-screen prompts for initial setup, including language selection, network configuration, and basic display settings.

5. OPERATING THE DISPLAY

5.1 Basic Functions

- **Power On/Off:** Use the power button on the remote or the display.
- **Input Source Selection:** Press the "Source" button on the remote to switch between connected devices (HDMI, DP, DVI, USB).
- **Volume Control:** Adjust audio output using the volume buttons on the remote.
- **Menu Navigation:** Use the directional buttons and "Enter" button on the remote to navigate the on-screen menu.

5.2 Picture Settings

Access the Picture menu to adjust settings such as Brightness, Contrast, Sharpness, Color, and Tint. The QM85D offers various picture modes optimized for different content types and viewing environments.

5.3 SMART Signage Features

The QM85D integrates SMART Signage capabilities, allowing for advanced content management and scheduling. Refer to the dedicated SMART Signage software manual for detailed instructions on creating, deploying, and managing digital content.

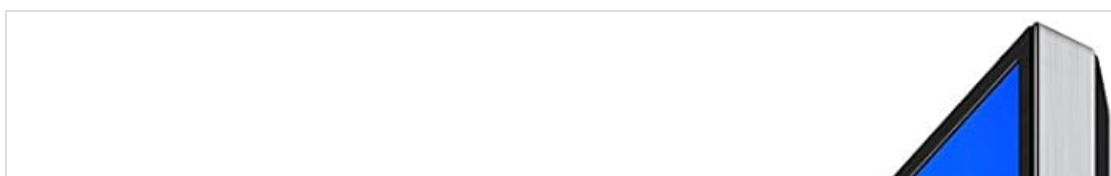






Figure 5.1: Angled view of the Samsung QM85D display. This perspective highlights the display's sleek design and large screen area, ideal for impactful digital signage applications.

6. MAINTENANCE AND CARE

6.1 Cleaning the Display

To clean the screen, gently wipe it with a soft, lint-free cloth. For stubborn marks, slightly dampen the cloth with water or a mild, non-abrasive screen cleaner. Do not spray liquid directly onto the screen.

6.2 General Care

- Avoid exposing the display to extreme temperatures or humidity.
- Do not place heavy objects on the display.
- Ensure proper ventilation to prevent overheating, especially during 16/7 operation.

7. TROUBLESHOOTING

If you encounter issues with your QM85D display, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No Power	Power cord disconnected; Power outlet fault.	Check power cord connection; Test outlet with another device.
No Picture	Incorrect input source; Loose video cable.	Select correct input source; Reconnect video cable securely.
Poor Picture Quality	Incorrect picture settings; Low-resolution source.	Adjust picture settings; Ensure source content is high resolution.
Remote Control Not Working	Dead batteries; Obstruction between remote and display.	Replace batteries; Remove obstructions.

If the problem persists after attempting these solutions, contact Samsung customer support or a qualified service technician.

8. SPECIFICATIONS

Model Name	QM85D
Screen Size	85 Inches
Resolution	3840 x 2160 (4K UHD)
Response Time	6ms
Brightness	450 nits

Aspect Ratio	16:9
Product Dimensions (LxWxH)	81 x 49 x 18.5 inches
Item Weight	144 pounds
Manufacturer	Samsung
Operation Hours	16/7 (16 hours per day, 7 days a week)

9. WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or visit the official Samsung website. Technical support and service inquiries can be directed to Samsung customer service. Please have your model number (QM85D) and serial number ready when contacting support.

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