LG 43UM5N-E

LG 43UM5N-E UHD Signage Display User Manual

Model: 43UM5N-E

1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your LG 43UM5N-E UHD Signage Display. Please read this manual thoroughly before operating the product and retain it for future reference. This display is designed for continuous 24/7 operation, offering a high-resolution 3840 x 2160 (UHD) picture with 500 nit brightness and IPS technology for wide viewing angles.

2. SAFETY INFORMATION

Always follow these safety precautions to prevent electric shock, fire, or damage to the product.

- Do not open the display casing. Refer all servicing to qualified service personnel.
- Do not expose the display to rain or moisture.
- Ensure proper ventilation. Do not block ventilation openings.
- Use only the power cord supplied with the unit or an approved replacement.
- Disconnect the power plug from the wall outlet if the display will be unused for a long period.
- Handle the display with care to avoid physical damage.

3. PACKAGE CONTENTS

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

- LG 43UM5N-E UHD Signage Display
- Power Cord
- Remote Control (with batteries)
- HDMI Cable
- RS232C Cable
- Quick Setup Guide

- Warranty Card

4. SETUP

4.1 Physical Installation

The LG 43UM5N-E display can be installed using a VESA-compatible wall mount or a compatible stand (sold separately). Ensure the mounting solution supports the display's weight and dimensions.

- **Wall Mounting:** Use a VESA-compliant mount (e.g., 200x200mm or 300x300mm, refer to mount instructions). Ensure adequate space for ventilation.
- **Stand Installation:** If using a stand, follow the stand's specific assembly instructions.

Note: Professional installation is recommended for wall-mounted signage displays.

4.2 Connecting External Devices

Connect your source devices to the display using the appropriate ports.

- **HDMI:** Connect up to three HDMI devices (e.g., media players, computers) to the HDMI IN ports.
- **DisplayPort (DP):** Connect a DisplayPort source to the DP IN port.
- **USB:** Insert USB storage devices for media playback or firmware updates into the USB 2.0 port.
- **RS232C:** Use the RS232C port for remote control and system integration.
- **RJ45 (LAN):** Connect an Ethernet cable for network connectivity and remote management.
- **Audio:** Connect external audio systems if desired.
- **IR:** For external IR receiver connection.

After connecting all cables, plug the power cord into the display and then into a wall outlet.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

Press the Power button on the remote control or the display's control panel to turn the display on or off.

5.2 Input Source Selection

To switch between connected devices:

1. Press the **Input** button on the remote control.
2. Use the navigation buttons to select the desired input source (e.g., HDMI1, HDMI2, DP, USB).
3. Press **OK** or **Enter** to confirm your selection.

5.3 On-Screen Display (OSD) Menu Navigation

The OSD menu allows you to configure various display settings.

1. Press the **Menu** button on the remote control.
2. Use the navigation arrows (Up/Down/Left/Right) to move through menu options.
3. Press **OK** or **Enter** to select an option or confirm a setting.
4. Press the **Back** or **Exit** button to return to the previous menu or exit the OSD.

Common OSD settings include Picture Mode, Aspect Ratio, Audio, Network, and General settings.

5.4 Wireless LAN Setup

To connect the display to a wireless network:

1. Access the OSD menu and navigate to the **Network** settings.
2. Select **Wi-Fi** or **Wireless LAN**.
3. Choose your desired network from the list of available networks.
4. Enter the network password if prompted.
5. Confirm the connection.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your display.

- **Cleaning the Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, use a screen cleaner specifically designed for LCD/LED displays, applied to the cloth, not directly to the screen.
- **Cleaning the Casing:** Use a soft, dry cloth to wipe the display casing. Avoid abrasive cleaners or solvents.
- **Ventilation:** Ensure ventilation openings are clear of dust and obstructions.

7. TROUBLESHOOTING

If you encounter issues, refer to the following common problems and solutions before contacting service personnel.

Problem	Possible Cause	Solution
No power	Power cord disconnected; Power outlet not working	Check power cord connection; Test power outlet with another device
No signal	Incorrect input source selected; Source device off or disconnected	Select correct input source; Check source device power and cable connections
Picture is distorted or unclear	Cable connection loose; Resolution mismatch	Ensure cables are securely connected; Adjust display resolution on source device
Remote control not working	Batteries depleted; Obstruction between remote and display	Replace batteries; Remove obstructions and ensure direct line of sight

8. SPECIFICATIONS

Key technical specifications for the LG 43UM5N-E UHD Signage Display.

- **Model:** 43UM5N-E
- **Screen Size:** 43 Inches
- **Panel Type:** LCD with In-Plane Switching (IPS) Technology

- **Resolution:** 3840 x 2160 (UHD)
- **Brightness (Typ.):** 500 nit
- **Response Time:** 8 ms
- **Aspect Ratio:** 16:9
- **Operation:** 24 Hours / 7 Days
- **Bezel Width:** 12.1 mm (Top/Bottom), 11.1 mm (Right/Left)
- **Connectivity:** HDMI (x3), DisplayPort (DP), USB 2.0, RS232C, RJ45 (LAN), Audio, IR
- **Wireless:** Wireless LAN
- **Dimensions (LxWxH):** Approximately 8 x 16 x 44 inches (Product Dimensions)
- **Weight:** Approximately 25 pounds

9. WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or visit the official LG website. For technical support, product registration, or service inquiries, please contact LG customer service or your local dealer.
LG Customer Support: www.lg.com/us/support