NEC M751

NEC M751 75-inch LED LCD UHD Display User Manual

Model: M751

1. INTRODUCTION

This manual provides essential information for the proper setup, operation, and maintenance of your NEC M751 75-inch LED LCD UHD Display. Please read this manual thoroughly before using the product to ensure safe and efficient operation.

The NEC M751 display is designed for professional large-format applications, offering high-end panel quality and advanced features for impressive presentation and digital signage experiences. It features a 4K UHD native resolution, 500 cd/m² brightness, and is built for 24/7 operation with robust thermal protection.

Figure 1.1: The NEC M751 75-inch LED LCD UHD Display. This image showcases the display's vibrant color reproduction, displaying a colorful field of tulips with a clear blue sky and distant mountains, highlighting its suitability for high-quality visual

content.

2. SETUP AND INSTALLATION

Before beginning installation, ensure all components are present and undamaged. Refer to the packing list for included items.

2.1 Unpacking

1. Carefully open the packaging.
2. Remove the display and any accessories (Stand, TV) from the box.
3. Inspect the display for any signs of damage. If damaged, contact your supplier immediately.

2.2 Mounting Options

The NEC M751 supports both landscape and portrait orientations. Ensure proper ventilation around the display regardless of mounting method.

- **Wall Mounting:** Use a VESA-compliant wall mount kit (sold separately) appropriate for the display's weight and size. Follow the wall mount manufacturer's instructions carefully.
- **Stand Installation:** Attach the included stand (if applicable) according to the separate stand assembly guide.

2.3 Connectivity

The display offers robust connectivity options for various signal sources.

- **HDMI:** Connect HDMI sources to the HDMI input ports. The display features HDMI x2/Out.
- **DisplayPort (DP):** Connect DisplayPort sources to the DP input ports. The display features DP x2/Out.
- **SDM Slot:** The display accepts Intel Smart Display Module (SDM) Small or Large for integrated computing solutions.
- **Power:** Connect the power cord to the display and a grounded electrical outlet.

3. OPERATING INSTRUCTIONS

This section outlines the basic operation of your NEC M751 display.

3.1 Powering On/Off

- **To Power On:** Press the power button located on the display or the remote control. The power indicator will illuminate.
- **To Power Off:** Press the power button again. The power indicator will turn off.

3.2 Input Source Selection

Use the input source button on the remote control or the display's control panel to cycle through available input sources (HDMI, DisplayPort, SDM).

3.3 Menu Navigation

Access the On-Screen Display (OSD) menu to adjust various settings such as picture, audio, and system configurations.

1. Press the "Menu" button on the remote control or display.
2. Use the arrow keys to navigate through menu options.

3. Press "Enter" or "OK" to select an option or confirm a setting.
4. Press "Exit" or "Menu" again to close the OSD.

3.4 Picture Settings

Adjust picture quality to suit your viewing environment and content.

- **Brightness:** Controls the overall luminance of the screen. The display has a typical brightness of 500 cd/m².
- **Contrast:** Adjusts the difference between the brightest and darkest areas of the image.
- **Color Temperature:** Modifies the warmth or coolness of the colors.
- **Aspect Ratio:** Select the appropriate aspect ratio (e.g., 16:9) for the input signal to prevent image distortion.

4. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your NEC M751 display.

4.1 Cleaning the Display

- Always power off and unplug the display before cleaning.
- Use a soft, lint-free cloth slightly dampened with water or a non-abrasive, display-specific cleaning solution.
- Do not spray liquid directly onto the screen or frame.
- Avoid using harsh chemicals, alcohol, or abrasive cleaners.

4.2 Ventilation

The display features internal temperature sensors and fan-based technology for thermal management. Ensure adequate airflow around the display to prevent overheating, especially during 24/7 operation.

- Do not block ventilation openings.
- Maintain recommended clearances from walls or other objects as specified in the installation guide.

5. TROUBLESHOOTING

This section provides solutions to common issues you may encounter with your display. If the problem persists, contact customer support.

Problem	Possible Cause	Solution
No Power	Power cord not connected; Power outlet not active.	Ensure power cord is securely connected. Check power outlet with another device.
No Image	Incorrect input source selected; Source device not powered on or connected.	Select the correct input source. Verify source device is on and cables are connected properly.
Poor Picture Quality	Cable issues; Picture settings incorrect.	Check cable connections. Adjust brightness, contrast, and other picture settings in the OSD menu.
Display Overheating	Blocked ventilation; Excessive ambient temperature.	Ensure ventilation openings are clear. Reduce ambient temperature if possible.

6. SPECIFICATIONS

Detailed technical specifications for the NEC M751 75-inch LED LCD UHD Display.

Feature	Specification
Brand	NEC
Model Number	M series (M751)
Screen Size	75 Inches (191 cm visible diagonal)
Display Technology	LED LCD
Resolution	4K UHD (Ultra High Definition)
Refresh Rate	60 Hz
Brightness	500 cd/m² (nits)
Aspect Ratio	16:9
Connectivity Technology	HDMI (x2 In/Out), DisplayPort (x2 In/Out)
Special Features	Flat Panel, 24/7 Operation, SDM Slot, SpectraView Engine
Orientation Support	Landscape and Portrait
Item Weight	84.2 Pounds (approx. 38.2 kg)
Product Dimensions (D x W x H)	71.5" x 8.5" x 41.5" (approx. 181.6 cm x 21.6 cm x 105.4 cm)
Included Components	TV, Stand

7. WARRANTY AND SUPPORT

For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official NEC website. NEC provides customer support for technical assistance and service inquiries.
For further assistance, please contact your authorized NEC dealer or NEC customer support.