

NEC V552

NEC V552 55" 1080p 60Hz High-Performance LED Backlit Commercial-Grade Display

USER MANUAL

1. Product Overview

The NEC V552 is a 55-inch commercial-grade LCD display designed for extended use in various professional environments. It features LED backlighting technology, which contributes to a slimmer profile and reduced power consumption compared to previous models. This display is equipped with built-in 10W speakers and an Open Pluggable Specification (OPS)-compliant expansion slot, allowing for seamless integration of computing or other NEC/third-party components without additional cabling.

The V552 delivers full 1080p high-definition resolution, ensuring stunning visual detail. Its robust design makes it suitable for applications such as retail stores, restaurants, indoor venues, training facilities, and corporate boardrooms.



Figure 1: Front view of the NEC V552 55-inch commercial-grade display, showcasing its sleek design and wide screen.

Key Features:

- LED backlighting technology for reduced power consumption and a slimmer cabinet depth.
- Built-in expansion slot supporting Open Pluggable Specification (OPS) for simplified digital signage installations.
- Full 1080p high-definition resolution for stunning detail.
- Tile Matrix function for creating video walls up to 10 x 10 configurations.
- Compatibility with NaViSet Administrator 2 software for simplified administration and management of large display installations.

2. Setup and Installation

2.1 Unpacking the Display

Carefully remove the display and all components from the packaging. Retain the packaging for future transportation or storage.

2.2 What's in the Box:

- NEC V552 Display Unit
- Display Stand (if included with your model)
- Power Cable
- Remote Control (if applicable)
- User Manual (this document)

2.3 Display Placement

Place the display on a stable, flat surface or mount it securely using a VESA-compatible wall mount (sold separately). Ensure adequate ventilation around the display to prevent overheating.

2.4 Connecting Peripherals

Connect your video sources (e.g., PC, media player) to the display's input ports. The V552 supports various connectivity options including DVI-D, HDMI, and Ethernet. For remote control and integration with control systems, utilize the IR and RS-232 ports.

For integrated computing solutions, install an OPS-compliant module into the dedicated expansion slot. This simplifies cabling as video, RS-232 control, and power are passed internally.

2.5 Power Connection

Connect the power cable to the display's power input and then to a grounded electrical outlet. The display operates on 240 Volts.

3. Operating the Display

3.1 Powering On/Off

Press the power button on the display or the remote control to turn the unit on or off. A power indicator light will confirm the display's status.

3.2 Input Selection

Use the input selection button on the remote control or the display's control panel to cycle through available video inputs (HDMI, DVI-D, etc.) until your desired source is displayed.

3.3 Menu Navigation

Access the On-Screen Display (OSD) menu to adjust picture settings (brightness, contrast, color), audio settings, and advanced display configurations. Navigate the menu using the directional buttons and select options with the OK/Enter button.

3.4 Advanced Features

- **Tile Matrix:** This feature allows you to combine multiple V552 displays to create a large video wall. Refer to the advanced settings in the OSD menu for configuration options.
- **NaViSet Administrator 2:** For managing multiple NEC displays across a network, utilize the NaViSet Administrator 2 software. This free solution simplifies device administration and monitoring. More information can be found on the [official NEC support website](#).

4. Maintenance and Care

4.1 Cleaning the Display

To clean the display screen, gently wipe it with a soft, lint-free cloth. For stubborn marks, slightly dampen the cloth with water or a non-abrasive, display-safe cleaning solution. Avoid spraying liquids directly onto the screen or into the display's vents.

Clean the display casing with a soft, dry cloth. Do not use harsh chemicals or abrasive materials.

4.2 Ventilation

Ensure that the ventilation openings on the display are not blocked. Proper airflow is crucial for maintaining optimal operating temperature and extending the lifespan of the display.

4.3 Power Saving

The LED backlighting technology of the V552 is designed for energy efficiency. Utilize the power management settings in the OSD menu to further optimize power consumption, such as setting sleep timers or eco modes.

5. Troubleshooting

This section provides solutions to common issues you might encounter with your NEC V552 display. If the problem persists after attempting these steps, please contact customer support.

5.1 No Power / Display Not Turning On

- Verify that the power cable is securely connected to both the display and a working electrical outlet.
- Check if the power outlet is functional by plugging in another device.
- Ensure the power button on the display or remote control has been pressed.

5.2 No Image / "No Signal" Message

- Confirm that the video cable (HDMI, DVI-D) is securely connected to both the display and the source device.
- Ensure the source device (e.g., PC, media player) is powered on and outputting a signal.
- Select the correct input source on the display using the input selection button.
- Try a different video cable or input port on the display.

5.3 Poor Picture Quality

- Adjust picture settings (brightness, contrast, sharpness) through the OSD menu.
- Ensure the display resolution on your source device is set to 1920x1080 (1080p) for optimal clarity.

- Check for any interference from other electronic devices.

5.4 No Audio

- Increase the volume on the display and the source device.
- Check audio settings in the OSD menu to ensure internal speakers are enabled.
- If using external speakers, ensure they are properly connected and powered.

6. Technical Specifications

Specification	Detail
Brand Name	NEC
Model Number	V552
Screen Size	55 Inches (52" / 133 cm visible diagonal)
Display Technology	LED Backlit LCD
Resolution	1080p (1920 x 1080)
Refresh Rate	60Hz
Aspect Ratio	16:9
Item Weight	62.2 Pounds (28.2 kg)
Product Dimensions (L x W x H)	49.2 x 12.5 x 29.8 inches (124.9 x 31.7 x 75.6 cm)
Color Name	Black
Speaker Type	Built-In (10W)
Connectivity Technology	DVI-D, Ethernet, HDMI, IR, RS-232
Voltage	240 Volts
Special Feature	Flat Panel, OPS Slot
Energy Efficiency	Energy Star Certified

7. Warranty and Support

7.1 Product Warranty

Information regarding the standard warranty for your NEC V552 display can typically be found on the product packaging or the official NEC website. Please retain your proof of purchase for warranty claims.

7.2 Extended Protection Plans

Extended protection plans may be available for purchase to provide additional coverage beyond the standard manufacturer's warranty. Options such as 3-Year or 4-Year Protection Plans, or monthly subscription plans like "Complete Protect," may be offered by authorized resellers. These plans typically cover repairs or replacements for eligible issues.



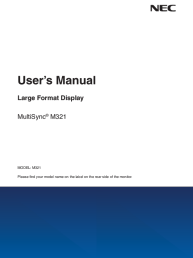
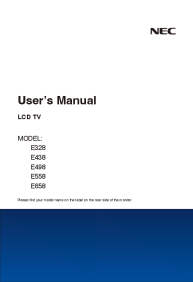

7.3 Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact NEC customer support or your authorized reseller. Refer to the contact information provided with your purchase documentation or visit the official NEC support website for the most up-to-date contact details.

When contacting support, please have your product model number (V552) and serial number ready to expedite the process.

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Related Documents - V552

	<p>NEC VT650 LCD Projector User's Manual</p> <p>User's manual for the NEC VT650 LCD Projector, covering setup, operation, maintenance, troubleshooting, and specifications. Includes warranty information and product registration details.</p>
	<p>NEC VT45 LCD Projector User's Manual</p> <p>A comprehensive user's manual for the NEC VT45 LCD Projector, detailing setup, operation, maintenance, troubleshooting, and specifications. Includes warranty information and product registration details.</p>
	<p>NEC MultiSync M321 User Manual: Large Format Display Guide</p> <p>This comprehensive user manual provides detailed instructions for the NEC MultiSync M321 Large Format Display, covering installation, operation, advanced features, troubleshooting, and technical specifications for optimal use.</p>
	<p>NEC LCD TV User's Manual - Models E328, E438, E498, E558, E658</p> <p>Comprehensive user manual for NEC LCD TVs, models E328, E438, E498, E558, and E658. Covers installation, operation, maintenance, troubleshooting, and specifications for these displays.</p>
	<p>NEC MultiSync E224Wi and E243WMi Desktop Monitor User's Manual</p> <p>User's manual for NEC MultiSync E224Wi and E243WMi desktop monitors. Covers setup, operation, safety, specifications, troubleshooting, and energy saving features.</p>



[NEC GT1150 LCD Projector User Manual - Setup, Operation, and Specifications](#)

Comprehensive user manual for the NEC GT1150 LCD Projector, covering installation, operation, maintenance, troubleshooting, and technical specifications. Learn how to set up and use your projector effectively.