

# NEC MultiSync® ME Series Large Format Displays

43", 50", 55" and 65" Commercial Displays Ideal for Digital Signage Applications



# Cost-conscious commercial design with full metal chassis allows for seamless integration into any digital signage environment while maintaining the commercial ruggedness necessary for retail, education and corporate signage

## Focused Design, Meaningful Message

Create pixel-perfect imagery at a cost-conscious price point with the new fully commercial NEC ME Series large format displays. By focusing on customer needs and maintaining expected NEC quality, the ME series gives customers a reliable mainstream digital signage display that can support both landscape and portrait orientations while also allowing customers the modularity possibilities to customize their needs dependent on their application and use. The new series contain a full metal mechanical chassis, allowing for a more robust design necessary for commercial applications while maintaining the attractive aesthetics that allow the focus of onlookers to be on what matters - the message. Simple and targeted connectivity options allow customers to have the up-to-date options that they need while not having to overpay for excess and unused interfaces. The NEC ME series boasts 400 cd/m<sup>2</sup> brightness which is ideal for a majority of digital signage applications in corporate, education, house of worship, retail and grocery store environments when the focus should be on the message, not the budget.

## High-End UHD Picture Quality

By supporting native 3840 x 2160 resolution with HDR compatibility across the entire ME series lineup, imagery and messaging can become more vivid and lifelike than ever before!

**4K UHD**

## Even Bezel Design

Completely even bezel design along all 4 sides of the display allow for a true, commercial grade look when mounted in either landscape or portrait orientations.

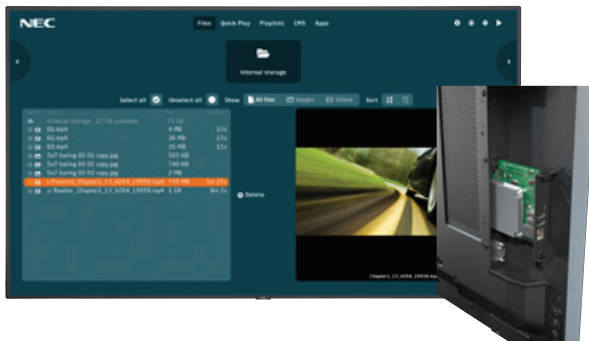


## Professional Modularity

The ME series gives customers everything they need for their digital signage application while also offering the ability to enhance their screen through multiple integrated professional technologies. The ME Series accepts Intel® Smart Display Modules Large or Small through clever mechanical and electrical design allowing for sleek all-in-one intelligence and interoperability in a small form factor setting. This allows for the flexible implementation of Intel® processor-based products directly into the NEC ME series products without having to deal with the hassles of mounting external devices and running video or audio cabling. Audio, video, control and power signals are all internal from the Intel® SDM through to the display, simplifying installations and allowing for clean and easy set-up.



The ME series also expands on the success of earlier display line-ups by allowing for the optional implementation of a Raspberry Pi Compute Module 4 directly into each display. The Raspberry Pi Compute Module 4 greatly outperforms previous versions by offering gigabyte network speeds, faster CPU processing and true 4K support. The new version also comes imaged with the new and user-friendly NEC Medioplayer. Through an intuitive user-interface, the NEC Media Player allows you to load, schedule and edit playlists, access internal storage, access online media through an internal browser or even image the RPi to qualified CMS partner platforms - all through the supplied NEC remote control or remotely through a web-interface!



## NaViSet Administrator 2

This software is an all-in-one remote support solution that runs from a central location and provides monitoring, asset management and control functionality of NEC display devices and Windows computers. It is ideal for multi-device installations over arrays as it allows for task management, reporting and on-demand control options. Control your entire NEC ecosystem through this free optional asset management software!



## Input Detect Functionality

This feature allows for the customer to prioritize up to 3 inputs so that if a primary source goes down, the display will automatically switch to whatever the customer has prioritized next. The first detect option also allows for the display to automatically turn onto any source that plugs into it, allowing the display to wake on any synced signal.

### Typical Display



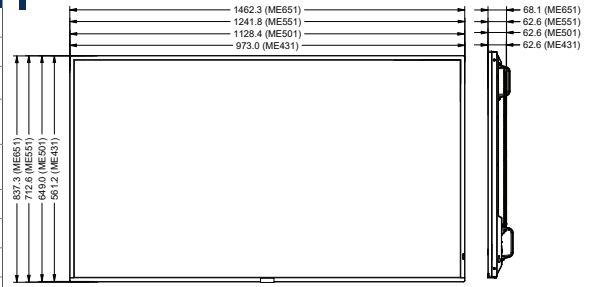
### ME Series



### First Detect



		ME431	ME501	ME551	ME651
LCD MODULE	Panel Technology	IPS	VA	IPS	
	Viewable Image Size	43"	50"	55"	65"
	Native Resolution	3840 x 2160			
	Brightness (Typical/Minimum)	400 cd/m <sup>2</sup>			
	Contrast Ratio (Typical)*	≥8000:1			
	Viewing Angle	178° Vert., 178° Hor. (89U/89D/89U/89R) @ CR>10			
	Aspect Ratio	16:9			
	Color Gamut	72% NTSC			
	Displayable Colors	Over 1.07 Billion (8 bit + FRC)			
	Orientation	Landscape and Portrait (CCW Rotation)			
	Panel Haze (%)	1	2	1	
CONNECTIVITY	Input Terminals	Digital	HDMI 2.0 x2, DP 1.2 x1		
		Analog	N/A		
		Audio	N/A		
		External Control	LAN (100Mbit), 3.5mm Mini Jack IR Remote, RS-232C		
	Output Terminals	Data	USB 2.0 (5V/2A, Media Player)		
		Digital	N/A		
		Analog	N/A		
		Audio	3.5mm Mini Jack		
External Control	N/A				
POWER CONSUMPTION	On (Typ/Max Brightness/All Max)	80W/95W/175W	85W/100W/210W	120W/155W/265W	165W/215W/320W
	Network Standby	2W			
	Normal Standby	<0.5W			
	Current Rating	1.9A - 0.8A @ 100V - 240V	2.4 - 1.0A @ 100V - 240V	2.9 - 1.2A @ 100V - 240V	3.6 - 1.5A @ 100V - 240V
PHYSICAL SPECIFICATIONS	Bezel Width (L/R, T/B)	13.9mm/13.9mm/13.9mm/13.9mm	14.9mm/14.9mm/14.9mm/14.9mm	13.9mm/13.9mm/13.9mm/13.9mm	14.9mm/14.9mm/14.9mm/14.9mm
	Net Dimensions (Without stand; W x H x D)	38.3 x 22.1 x 2.5 in. 973.0 x 561.2 x 62.6mm	44.4 x 25.6 x 2.5 in. 1128.4 x 649.0 x 62.6mm	48.9 x 28.1 x 2.5 in. 1241.8 x 712.6 x 62.6mm	57.6 x 33.0 x 2.7 in. 1462.3 x 837.3 x 68.1mm
	Net Weight (Without Stand)	13.9kg / 30.6lbs.	17.3kg / 38.1lbs.	19.8kg / 43.7lbs.	29.4kg / 64.8lbs.
	VESA Hole Configuration	4x M6 x 12mm (200 x 200)	4x M6 x 12mm (400 x 400)		4x M8 x 16mm (400 x 400)
SENSORS	Ambient Light Sensor	Optional (KT-RC3)			
	Human Sensor	Optional (KT-RC3)			
	Temperature Sensor	Integrated and Programmable			
	NFC Sensor	N/A			
ENVIRONMENTAL CONDITIONS	Operating Temperature	0 to 40C			
	Operating Humidity	20-80%			
	Operating Altitude	3000m (9843ft)			
LIMITED WARRANTY	3 years Advanced Replacement				
ADDITIONAL FEATURES	AMX Support, Automated Email Alert Function, ARC Support through HDMI <sup>®</sup> , Crestron Roomview Support (FW Update), Display Browser Control, Display Wall Calibrator Compatible, HDR Compatible (PQ, HLG, HDR10), 6-Axis Color Control, Key Guide, NaViSet Administrator 2 Compatible, OSD Rotation for Portrait Orientation, Accepts Intel(R) SDM-S or SDM-L, PJ Link Support, Power USB Port (5V/2A), Raspberry Pi Compute Module 4 Compatible, Removable Logo Ornament, Real Time Clock, Local Dimming, TileMatrix, PJLink, SNMP, Consumer Electronics Control (CEC), Integrated USB Media Player, Integrated Temperature sensor, Full Input Detect Functionality, Programmable Gamma, TileMatrix, Energy Star 8.0, Scheduler Function, Off Timer, Vacation Switch				
SHIPS WITH	3m AC Power Cord, 2.0m HDMI Cable, IR Remote Control, Batteries, AAA batteries				
Optional Stand	ST-43M	ST-43M or ST-401	ST-43M or ST-401	ST-65M	
Other Accessories	SDM-VICW-IS PC Option Card, SDM-VI3W-IS (49"+ Only), SDM-VI5W-IS (49"+ Only), SDM-12GSDI Option Card, SDM-HDBT Option Card, Raspberry Pi Compute Module 4 with optional NEC Interface Board (MPI4E), Human Sensor (KT-RC3)				



**Tabletop Stand**

- ST-43M (ME431/ME501/ME551)
- ST-401 (ME501/ME551)
- ST-65M (ME651 - not pictured)



**Wall Mount**

- WMK-3298T



**Input Panels**

1. USB (Media Player / Power)
2. DisplayPort IN
3. HDMI1 IN
4. HDMI2 IN
5. LAN (Control)
6. Audio Out
7. IR Remote IN
8. RS232C IN

**Side Panel**



\*Out of the box conditions, local dimming ON



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