# MultiSync® ME Series

Large Format Displays

**ME432** | **ME502** | **ME552** | **ME652**

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SHARP / NEC

# The Multi-talented Display

Class-leading performance and value for meeting rooms and signage applications, commanding feature-rich professional capabilities.

## Powerful System-on-Chip Prioritises Security and Flexibility

An integrated system-on-chip platform supports high-end media playback via USB or internal storage, alongside the ability to install Android Apps. The Android 13 CTS-compliant Operating System, purpose designed for Enterprise users, brings the most up to date features and security protocols. Alongside high compatibility with workplace and content management systems, the multi-purpose ME Series is perfect for cost sensitive signage applications as well as integration into corporate IT systems for meeting room applications.

The OSD has been re-imagined bringing new and legacy functionality into an appealingly aesthetic user-centered design.



## Robust yet Sleek Quality Build

An all metal chassis evidences the quality behind the brand guaranteeing the rugged resilience demanded in commercial environments. Discreet integrated carry handles ensure installation is smooth and risk-free.

The metal construction also supports natural heat dissipation, whilst internal temperatures are monitored in real time via an integrated thermal sensor, upholding safety and longevity.

The new ME Series is up to 33% lighter than previous models without compromising reliability, whilst the narrow bezel design ensures all attention is on the all-important content, whether presented in portrait or landscape orientation.



## Class-leading Visual Quality

By supporting native 3840 x 2160 resolution with full HDR compatibility across the entire ME Series, content is presented in vivid reality-like quality. A professional high haze panel delivers best-in-class visibility even in high ambient light conditions, eliminating annoying reflections and glare from windows or other light sources.



## Optimised for Conferencing

Native USB-C connectivity, quick input detection and WiFi capabilities appeal to Enterprise users for Bring Your Own Device workflows, safeguarding inclusion and boosting productivity with a single cable connection between notebook and display.

Connect collaboration devices such as soundbars, microphones and camera systems via the integrated USB hub to configure the perfect meeting room set up, free from cable clutter.
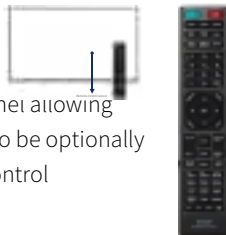
## Home Screen Launcher



Enjoy easy access to key Apps and settings, instantly available on start-up.  Integrated web browser functionality can be used for internet access and streaming, and File Explorer can be used for navigating through internal or external storage drives. The integrated Media Player gives you access to load files to internal storage or play via USB, while content can be scheduled and playlists can be built as required.

## Centred IR Receiver



The IR receiver is located behind the panel allowing protective overlays or touch capability to be optionally integrated without impacting remote control functionality.

## Control Protocol Support

Featuring Protocol Support, should any legacy NEC or Sharp products need replacing, the new ME Display can be seamlessly integrated into an existing infrastructure. Benefit from protocol support as needed across any application.

## Remote Management

Take advantage of free asset management software, NaViSet Administor 2, to centrally manage your entire estate of NEC Displays and Windows computers. Reduce operating costs and optimise resources through task management, reporting and on-demand control functionality with the convenience of an all-in-one remote support solution.



## Input Detect Functionality

The ME Series display responds immediately when a source is connected, automatically switching between inputs, eliminating potential connectivity frustration in the meeting room.

### First Detect



*Setting to First Detect allows the display to automatically turn on when any source is plugged into it.*

Prioritising up to three inputs ensures that signage content is always visible should the primary source fail.

### Typical Display



*If the source fails, this results in a blank screen*

### ME Series



*If the source fails, the display automatically switches to the next prioritized source, allowing for zero down time on the display*
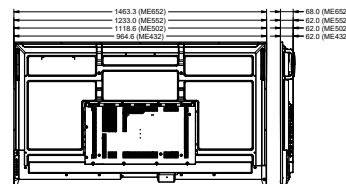
## Integrated Media Player

Primed for instant stand-alone signage deployments, build playlists and schedule content using the integrated media player.

# Specifications

| | | ME432 | ME502 | ME552 | ME652 |
|---|---|---|---|---|---|
| **LCD** | Panel Technology | IPS | VA | IPS | IPS |
| | Size | 43" | 50" | 55" | 65" |
| | Native Resolution | 3840 x 2160 | | | |
| | Brightness | 400 cd/m² | | 450 cd/m² | |
| | Contrast Ratio (Typical) | 1200:1 | 5000:1 | | 1200:1 |
| | Viewing Angle | 178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10 | | | |
| | Aspect Ratio | 16:9 | | | |
| | Displayable Colors | Over 1.07 Billion (8 bit + FRC) | | | |
| | Orientation | Landscape and Portrait (CW Rotation) | | | |
| | Panel Haze (%) | 25 (Professional) | | | |
| **CONNEC-TIVITY (Terminals)** — Input | Video | HDMI 2.0 x3, USB-C x1 (DP-Alt Mode Supported) | | | |
| | Audio | 1x USB-C; 3 x HDMI | | | |
| | External Control | LAN (1000Mbit), 3.5mm Mini Jack IR Remote, RS-232C | | | |
| | Data | USB 3.0 x1 (5V/0.9A, Downstream), USB 2.0 x1 (5V/0.5A, Downstream), USB 3.0 x1 (Downstream for USB-C), USB-C x1 (Upstream) | | | |
| Output | Audio | 3.5mm Mini Jack, SPDIF Optical | | | |
| **POWER CONSUMPTION** | On (Typ/Max Brightness/All Max) | 90W/110W/175W | 85W/105W/170W | 120W/150W/220W | 140W/175W/240W |
| | Network Standby | 2W | | | |
| | Normal Standby | <0.5W | | | |
| | Current Rating | 2.2A - 0.9A @ 100V - 240V | 2.0 - 0.8A @ 100V - 240V | 2.6 - 1.1A @ 100V - 240V | 3.1 - 1.3A @ 100V - 240V |
| | Speaker Rating | Integrated 10W x 10W, Optional through SP-RM3a | | | |
| **PHYSICAL SPECIFICATIONS** | Bezel Width (L/R, T/B) | | 9.9mm/9.9mm/9.9mm/9.9mm | | 15.9mm/15.9mm/15.9mm/15.9mm |
| | Net Dimensions (Without stand; W x H x D) | 964.6 x 552.5 x 62.0mm | 1118.6 x 639.2 x 62.0mm | 1233.0 x 703.5 x 62.0mm | 1463.3 x 838.3 x 68.0mm |
| | Net Weight | 9.4kg | 11.7kg | 13.2kg | 23.9kg |
| | VESA Hole Configuration | 4x M6 x 14mm (200 x 200) | 4x M6 x 14mm (400 x 400) | | 4x M8 x 14mm (600 x 400) |
| **INTERNAL PLAYER** | Operating System | Android 13 | | | |
| | Processor | ARM Cortex-A55 1.5GHz Quad Core CPU | | | |
| | Storage | 32GB ROM (Total Capacity of Storage including OS) | | | |
| | Memory | 4GB | | | |
| **SENSORS** | Ambient Light Sensor | Integrated | | | |
| | Human Sensor | Optional (KT-RC3) | | | |
| | Temperature Sensor | Integrated | | | |
| **ENVIRONMENTAL CONDITIONS** | Operating Temperature | 0° - 40° C | | | |
| | Operating Humidity | 20-80% | | | |
| | Operating Altitude | 5,000m | | | |
| **SHIPS WITH** | | 3m AC Power Cord, 2.0m HDMI Cable, IR Remote Control, Batteries, AAA batteries | | | |
| **Optional Speakers** | | SP-RM3a | | | |
| **Optional Stand** | | ST-43M | | | ST-65M |
| **Other Accessories** | | Human Sensor (KT-RC3), WiFi dongle | | | |
| **ADDITIONAL FEATURES** | | AMX Support, Automated Email Alert Function, CEC Support through all HDMI Connections, ARC through HDMI1, Display Browser Control, Display Wall Calibrator Compatible, HDR Compatible (PQ, HLG, HDR10), Updated OSD Design, MediaPlayer for Android , NaViSet Administrator 2 Compatible, Screen Rotation for Portrait (Home only), Powered USB Ports (5V/3A x1, 5V/2A x2, 5V/0.5A x1), Real Time Clock, Full Scheduler, Quick Start, TileMatrix (5x5), Cisco Webex Compatible (Running Change), Crestron Connected V2 (Running Change), SNMP (Running Change), Integrated Temperature sensor, Full Input Detect Functionality (First, Last, Custom), Integrated Ambient Light Sensor, Programmable Gamma, Color Temperature Adjustment (2600K - 10000K), Energy Star 8.0, Vacation Switch | | | |

## Sizes



1463.3 (ME652)
1233.0 (ME552)
1118.6 (ME502)
964.6 (ME432)

68.0 (ME652)
62.0 (ME552)
62.0 (ME502)
62.0 (ME432)

## Tabletop Stand

- ST-43M (ME432/ME502/ME552)
- ST-65M (ME652)



## Wall Mount

- PDW S 32-65 L
- PDW S 32-65 P
- PDW T XL-2
- L20PNWALL90EU



## Input Panels

**Left Side**



1  Optical Audio Out (SPDIF)LAN (1000MB)
2  RS-232C
3  Audio Mini-Jack Out
4  IR Remote In (Mini-Jack)
5  USB 2.0
6  USB 3.0
8  HDMI 1 (ARC) In
9  HDMI 2 In
10  HDMI 3 In
11  USB 3.0
12  USB-C Port (5V/3A)
13  Optional slot for WiFi Receiver

**Right Side**

**CRESTRON CONNECTED**   **AMX**   (Android)   **Dᵀᴹ**   **HDMI** HIGH-DEFINITION MULTIMEDIA INTERFACE   **ENERGY STAR**

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