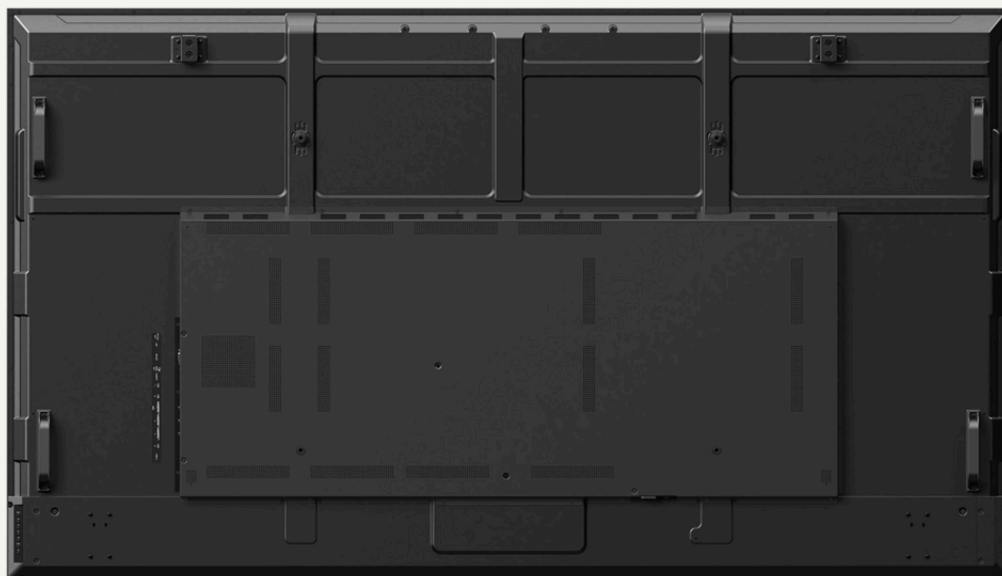


Large Format Display - Message Essential

# Sharp MultiSync® ME862



## Class-leading performance and value

- Seamless connectivity native USB-C supports Bring Your Own Device workflows, safeguarding inclusion and boosting productivity, with a single cable connection between notebook and display.
- Best readability aiding high productivity in well-lit meeting spaces, a high haze filter eliminates glare and reflections from windows and other light sources.
- Quick input detection removing potential frustration and smoothing the way to productive meeting outcomes, the display responds immediately when a device is connected.
- Third-party compatibility a flexible signage platform that supports integration with a wide range of workplace and content management systems.
- New feature-ready regular OTA Android OS updates ensure availability of the latest features and system security.

# Options

## IoT and Asset Management

### **NaViSet Administrator 2 Sharp/NEC's software suite that provides monitoring, asset management and control functionality for display devices**

Sharp/NEC's software suite that provides monitoring, asset management and control functionality for display devices.

### **Firmware Update Tool Utility to assist with updating the firmware of dedicated Sharp/NEC large format and desktop displays**

Utility to assist with updating the firmware of dedicated Sharp/NEC large format and desktop displays.

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## Speakers and Soundbars

### **PN-ZCMS1 All-in-one collaboration videobar incl**

All-in-one collaboration videobar incl. speaker, microphone and camera.

### **SP-RM3a Active high-end speaker for dedicated Sharp/NEC large format displays**

Active high-end speaker for dedicated Sharp/NEC large format displays.

### **Soundbar bracket TOP SB-T02 Soundbar bracket for MultiSync® MExx2, M551, M652, M751/2, M861/2, M981/2, E758, E868, E988, P556, P656 and P756**

Soundbar bracket for MultiSync® MExx2, M551, M652, M751/2, M861/2, M981/2, E758, E868, E988, P556, P656 and P756.

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## Cables

### **USB-C 5M 5m USB Type-C cable**

5m USB Type-C cable

### **USB-C 7M 7m USB Type-C cable**

7m USB Type-C cable

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## Sensors

### **Sharp KTES1 ECO Sensor for dedicated Sharp large format displays**

ECO Sensor for dedicated Sharp large format displays.

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## Warranty Extensions

### **2nd Life Warranty Extension for Large Format Displays (Eco Prime) Optional Second-life warranty (3 years) for dedicated Sharp Large Format and Interactive Displays**

Optional Second-life warranty (3 years) for dedicated Sharp Large Format and Interactive Displays

### **2nd Life Warranty Extension for Large Format Displays (Eco Value+) Optional Second-life warranty (1 year) for dedicated Sharp Large Format and Interactive Displays**

Optional Second-life warranty (1 year) for dedicated Sharp Large Format and Interactive Displays

### **2nd Life Warranty Extension for Large Format Displays (Eco Select) Optional Second-life warranty (2 years) for dedicated Sharp Large Format and Interactive Displays**

Optional Second-life warranty (2 years) for dedicated Sharp Large Format and Interactive Displays

### **Warranty Extension for Large Format Displays and Computing Solutions Optional Warranty Extension (4th to 5th year) for dedicated Sharp Large Format Displays and Computing Solutions**

Optional Warranty Extension (4th to 5th year) for dedicated Sharp Large Format Displays and Computing Solutions

## Value Added Services

### **De-/Re-install Service for Large Format Displays Optional De-/Re-install Service (1st to 3rd year or 1st to 5th year) for dedicated Sharp Large Format Displays**

Optional De-/Re-install Service (1st to 3rd year or 1st to 5th year) for dedicated Sharp Large Format Displays

### **Laser Branding Optional Laser Branding Service for dedicated Sharp Display Products**

Optional Laser Branding Service for dedicated Sharp Display Products

### **Support+ Optional additional services (1st to 3rd year) for dedicated Sharp Display Products**

Optional additional services (1st to 3rd year) for dedicated Sharp Display Products

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## Mounting Options

### **Wall Mount SF680P Universal XX-Large flat wall mount for dedicated Sharp/NEC large format displays (65" to 98")**

Universal XX-Large flat wall mount for dedicated Sharp/NEC large format displays (65" to 98")

### **Trolley Ever 350 Mobile High-end mobile trolley for dedicated Sharp/NEC large format displays (50" to 98")**

High-end mobile trolley for dedicated Sharp/NEC large format displays (50" to 98").

### **Trolley EVER 350 Mobile Motor High-end mobile trolley offering motorised height-adjustability for dedicated Sharp/NEC large format and interactive displays (50" to 98")**

High-end mobile trolley offering motorised height-adjustability for dedicated Sharp/NEC large format and interactive displays (50" to 98").

### **Trolley PD02MHA-CB86 High-end motorised and height-adjustable mobile mount for NEC MultiSync® CB861Q, Sharp PN-L862B and PN-LC862 large format displays**

High-end motorised and height-adjustable mobile mount for NEC MultiSync® CB861Q, Sharp PN-L862B and PN-LC862 large format displays.

### **EVER VESA Adapter VESA Adapter for Ever 350 Mobile and Ever 350 Mobile Motor trolleys**

VESA Adapter for Ever 350 Mobile and Ever 350 Mobile Motor trolleys.

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## Video Wall Options

### **Remote Control Kit - KT-RC3 IR/Remote Control Kit for dedicated Sharp/NEC large format displays**

IR/Remote Control Kit for dedicated Sharp/NEC large format displays.

# Specifications

## General

|            |                   |
|------------|-------------------|
| Series     | [lfd-me-2-series] |
| Order Code | L50ME862          |

## Display

|                                 |                                                             |
|---------------------------------|-------------------------------------------------------------|
| Aspect Ratio                    | 16:9                                                        |
| Brightness (cd/m <sup>2</sup> ) | 450                                                         |
| Colour Depth                    | 1.073 (8bit + FRC)                                          |
| Contrast Ratio                  | 1200:1                                                      |
| Haze Level (%)                  | Pro (25)                                                    |
| HDR                             | HLG, PQ                                                     |
| Panel Refresh Rate (Hz)         | 60                                                          |
| Panel Technology                | IPS with Direct LED backlights                              |
| Screen Size (inch)              | 86                                                          |
| Screen Size (cm)                | 217.4                                                       |
| Supported Orientation           | Portrait, Landscape                                         |
| Viewing Angle                   | 178 horizontal / 178 vertical (typ. at contrast ratio 10:1) |

## Resolution

|                       |                                                                                                                                                                                                                                         |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Native Resolution     | 3840 x 2160                                                                                                                                                                                                                             |
| Supported Resolutions | 720 x 480, 640 x 480, 1280 x 1024, 1024 x 768, 1920 x 1200, 1366 x 768, 1400 x 1050, 4096 x 2160, 1920 x 1080, 1280 x 800, 800 x 600, 1920 x 2160, 1440 x 900, 720 x 576, 1360 x 768, 1680 x 1050, 1600 x 1200, 1280 x 720, 3840 x 2160 |

## Connectivity

|                    |                                                                                     |
|--------------------|-------------------------------------------------------------------------------------|
| Audio Output 3.5mm | Audio Output, Line Out                                                              |
| HDMI In 1          | Video Input, UHD (60 Hz) HDCP (2.2), Audio Input, CEC                               |
| HDMI In 2          | Video Input, UHD (60 Hz) HDCP (2.2), Audio Input, CEC                               |
| HDMI In 3          | Video Input, UHD (60 Hz) HDCP (2.2), Audio Input, CEC, ARC                          |
| Input Detect       | Custom, Last, First                                                                 |
| LAN 1              | 100 MBit/s                                                                          |
| Remote In (3.5mm)  | IR-Extender                                                                         |
| RS-232C (bps)      | 9600                                                                                |
| USB-A Service      | Service                                                                             |
| USB-A 1            | [usb-20], Peripherals, USB (3.0)                                                    |
| USB-A 2            | USB (3.0), Peripherals, USB (3.0), USB Storage                                      |
| USB-A 3            | USB (3.0), Peripherals, USB Storage                                                 |
| USB-C 1            | Video Input, UHD (60 Hz), DP alt. 1.4, HDCP (2.2), Audio Input, USB 2.0 / 3.0, 15 W |

## Electrical

|                        |                                  |
|------------------------|----------------------------------|
| Power Supply           | internal, 100-240 V AC, 50/60 Hz |
| Power Savings Mode (W) | < 0.5, < 2.0 (Networked Standby) |

## Mechanical

|                                  |                           |
|----------------------------------|---------------------------|
| Bezel Width (mm)                 | 15.9                      |
| Dimensions Width (mm)            | 1931                      |
| Dimensions Height (mm)           | 1102                      |
| Dimensions Depth (mm)            | 68                        |
| Ingress Protection               | IP5x (front); IP5x (back) |
| Packaging Dimensions Width (mm)  | 2110                      |
| Packaging Dimensions Height (mm) | 1247                      |
| Packaging Dimensions Depth (mm)  | 225                       |
| Packaging Weight (kg)            | 63                        |
| VESA Mounting Holes              | 4                         |
| VESA Mounting Screw              | M8                        |
| VESA Mounting FDMI               | 800 x 600                 |
| Weight (kg)                      | 42                        |
| Material                         | Metal                     |

## Environmental Conditions

|                            |           |
|----------------------------|-----------|
| Operating Humidity (%)     | 20 to 80  |
| Operating Temperature (°C) | +0 to +40 |
| Storage Humidity (%)       | 10 to 90  |
| Storage Temperature (°C)   | -20 to 60 |

## MediaPlayer

|                                      |                                                                                                                           |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Supported Audio Formats              | .mp3 max. Bit Rate 320 kbps                                                                                               |
| Supported File Storage / File System | FAT16 / FAT32 @ USB 2.0                                                                                                   |
| Supported Video Formats              | MKV (Mpeg1/2/3 Layer1/2/3, max res 4096x2160@60fps); MP4 (Mpeg1/2 Layer1/2/3, H.264, HEVC/H.265, max res 4096x2160@60fps) |

## Embedded Computing

|                       |                           |
|-----------------------|---------------------------|
| Built-in Applications | File Manager, Web Browser |
| Internal Storage      | 32GB ROM                  |
| System Memory         | 4G RAM                    |
| System Version        | Android 13                |

## Bluetooth

|           |                       |
|-----------|-----------------------|
| Bluetooth | Optional Wi-Fi Dongle |
|-----------|-----------------------|

## Wireless LAN

|      |                       |
|------|-----------------------|
| WLAN | Optional Wi-Fi Dongle |
|------|-----------------------|

## Regulatory

|                       |                                                              |
|-----------------------|--------------------------------------------------------------|
| Resistance to Fire    | Metal backcover, plastic material certified acc. to UL94-5VB |
| Safety and Ergonomics | PSB, EMC Class B, RoHS, BSMI, VCCI, KC/KCC, RCM, CE          |

## Green Features

|                                |                |
|--------------------------------|----------------|
| Ecological Standards           | EnergyStar 8.0 |
| Energy Efficiency Class        | G              |
| Energy Consumption (kWh/1000h) | 157            |

## 3rd Party Certifications

|                       |                                                                                                    |
|-----------------------|----------------------------------------------------------------------------------------------------|
| 3rd Party Certificate | Certified for Crestron CCV2 and XiO Cloud, Verified for Cisco Collaboration Devices, Q-Sys Plug-in |
|-----------------------|----------------------------------------------------------------------------------------------------|

## Additional Features

|                         |                                                                                                           |
|-------------------------|-----------------------------------------------------------------------------------------------------------|
| Operating Hours         | 18/7                                                                                                      |
| Remote Management       | NaViSet Administrator 2                                                                                   |
| Security                | Disable IR Functionality, Disable HW Buttons                                                              |
| Shipping Content        | Remote Control, Power Cable, 2 x AAA batteries, Setup Manual, Display, HDMI Cable                         |
| Special Characteristics | DICOM Simulation                                                                                          |
| Warranty                | optional 4. + 5. year warranty extension, 3 years warranty incl. backlight, additional services available |

