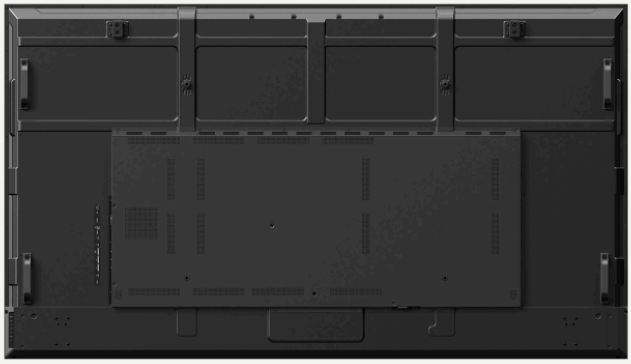
LCD 86" Message Essential Large Format Display

Sharp MultiSync® ME862



Class-leading performance and value

For best-in-class visual performance and value, the second generation ME series commands feature-rich professional capabilities for meeting rooms and signage applications. The multi-functional Sharp MultiSync® displays with high haze panel, native USB-C connectivity, and quick input detection appeals to Enterprise users for Bring Your Own Device simplicity, supporting hybrid workflows and spontaneous meetings.

An integrated System on Chip (SoC) with Android 13 CTS-compliant Operating System brings the most up to date features and security, powering signage applications and commanding high compatibility with CMS partners, making the multi-purpose Sharp MultiSync® ME series suitable for cost sensitive retail signage applications. Experience seamless access to Android apps and install apps directly on the display using the integrated browser, without the hassle and expense of an additional external media player.

Trusted long-life reliability is assured through Japanese engineering standards and high-quality components. The Sharp MultiSync® ME series is a class-leading solution for today's workplace challenges, bringing value and professional performance, without compromise.

Benefits

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.

Specifications

Product Information

Product Name
Sharp MultiSync® ME862

Model
PN-ME862

Product Group
LCD 86" Message Essential Large Format Display

Order Code
L50ME862

Display

Panel Technology
IPS with Direct LED backlights

Screen Size [inch/cm]
86 / 217.4

Aspect Ratio
16:9

Brightness [cd/m²]
450

Contrast Ratio (typ.)
1200:1

Viewing Angle [°]
178 horizontal / 178 vertical (typ. at contrast ratio 10:1)

Colour Depth [bn]
1.073 (8bit + FRC)

HDR
HLG; PQ

Response Time (typ.) [ms]
8

Panel Refresh Rate [Hz]
60

Haze Level [%]
Pro (25)

Supported Orientation
Landscape; Portrait

Resolution

Native Resolution
3840 x 2160

Supported Resolutions

1024 x 768;	1366 x 768;	1920 x 2160;
1024 x 768;	1400 x 1050;	3840 x 2160;
1280 x 1024;	1440 x 900;	4096 x 2160;
1280 x 1024;	1600 x 1200;	640 x 480;
1280 x 720;	1680 x 1050;	720 x 480;
1280 x 800;	1920 x 1080;	720 x 576;
1360 x 768;	1920 x 1200;	800 x 600

Synchronisation Rate

Horizontal Frequency [kHz]
15 - 135

Vertical Frequency [Hz]
23 - 76

Connectivity

Input Video Digital
1 x USB-C (with HDCP 1.3/2.2); 3 x HDMI (with HDCP)

Input Audio Digital
1x USB-C; 3 x HDMI

Input Control
LAN 100Mbit; remote control wire (3,5mm jack); RS232

Input Data
3 x USB 2.0 (Downstream)

Output Audio Analogue
1 x 3,5 mm jack

Input Detect
Custom; First; Last

Electrical

Power Consumption [W]
162 shipping

Power Savings Mode [W]
< 0.5; < 2 (Networked Standby)

Power Supply
100-240 V AC; 50/60 Hz; internal

Environmental Conditions

Operating Temperature [°C]
+0 to +40

Operating Humidity [%]
20 to 80

Storage Humidity [%]
10 to 90

Storage Temperature [°C]
-20 to 60

Mechanical

Dimensions (W x H x D) [mm]
1,931 x 1,102 x 68

Weight [kg]
42

Bezel Width [mm]
15.9 (symmetrical)

VESA Mounting [mm]
4 holes; 800 x 600 (FDMI); M8

Ingress Protection
IP5x (front); IP5x (back)

Packaging Dimensions (W x H x D) [mm]
2,110 x 1,247 x 225

Packaging Weight [kg]
63

Colour Bezel
Pantone (Process Black M)

Material
Metal

MediaPlayer

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)

Supported Audio Formats
.mp3 max. Bit Rate 320 kbps

Embedded Computing

System Version
Android 13

System Memory
4G RAM

Internal Storage
32GB ROM

Built-in Applications
File Manager; Web Browser

Available Options

Accessories
Feet (ST-801); Presence Sensor (KT-RC3); Soundbar (PN-ZCMS1); Speaker (SP-RM3a); Trolley (PD02MHA-CB86, PD03MHA-CB86); Wall mount (SF680P); WiFi Dongle SI07B

Regulatory

Safety and Ergonomics
BSMI; CE; EMC Class B; Energy Star 8; FCC Class B; KC/KCC; PSB; RCM; RoHS; VCCI

Resistance to Fire
Metal backcover, plastic material certified acc. to UL94-5VB

Green Features

Energy Efficiency
Energy consumption: 157 kWh/1000 h; Energy efficiency class: G; LED backlight

Ecological Standards
EnergyStar 8.0

3rd Party Certifications

Cisco
Verified for Cisco Collaboration Devices

Crestron
Certified for Crestron CCV2 and XiO Cloud

Q-Sys
Q-Sys Plug-in

Additional Features

Special Characteristics
DICOM Simulation; HDMI ARC; Powered USB Port (15 W); Removable Logo

Audio
Integrated Speakers (10 W + 10 W)

Shipping Content
2x AAA batteries; Display; HDMI Cable; Power Cable; Remote Control; Setup Manual

Warranty
3 years warranty incl. backlight; additional services available; optional 4. + 5. year warranty extension [1]

Operating Hours
18/7

External Control
AMX NetLinx Support; ASCII Control Commands; Crestron Connected; HDMI CEC; Scheduled Timer

Remote Management
Automated Email Alerts; NaViSet Administrator 2

Security
Disable HW Buttons; Disable IR Functionality

[1] please refer to terms and conditions of warranty extensions

RoHS CE FCC Class B RCM VCCI

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