

Sharp Signage Display

# SHARP MULTISYNC® E869 LCD 86" ESSENTIAL LARGE FORMAT DISPLAY



The entry point for professional display solutions, the Sharp MultiSync® E9 Series is designed for modern business environments that need more than a consumer TV can offer.

- Unhindered readability – a high-haze panel reduces glare from windows and ambient light, keeping signage content and presentations clear for uninterrupted viewing in any environment.
- Standardised functionality – shares a common identity with the wider Sharp display portfolio, ensuring unified operation and remote device management, and consistent styling for a seamless user experience.
- Effortless plug-and-play signage – the integrated USB MediaPlayer enables native UHD content playback with auto-start functionality, delivering instant digital signage without the need for external hardware or content management systems.
- Flexible orientation – designed for both portrait and landscape installation, with uniform bezel width on all sides to ensure a clean, professional look in any configuration.

# Specifications

## Panel Data

|                          |    |
|--------------------------|----|
| Bezel Horizontal (mm)    | 13 |
| Bezel Vertical (mm)      | 13 |
| Panel Response Time (ms) | 8  |

## Power Supply and Operating Environment

|                            |                         |
|----------------------------|-------------------------|
| Operating Voltage (ACV)    | 100-240                 |
| Frequency (Hz)             | 50-60                   |
| Via AC Adapter             | True                    |
| Operating Voltage (DCV)    | 100-240                 |
| Operating Temperature (°C) | 0 - 40                  |
| Storage Temperature (°C)   | -20 - 60                |
| Storage Humidity Min [%]   | 10                      |
| Storage Humidity Max [%]   | 80                      |
| Power Saving Mode (W)      | < 2 (Networked Standby) |
| Battery                    | < 0.5 (ECO Standby)     |

## Installation

|  |                  |
|--|------------------|
| Portrait Installation                          | True             |
| Landscape Installation                         | True             |
| Landscape                                      | True             |
| Portrait                                       | True             |
| Mounting (VESA mm)                             | 600 x 400 (FDMI) |
| Mounting (Number of Points/Pitch)              | 4                |
| Mounting Screw Specification (Size/Max Length) | M8               |

## Resolution

|                      |  |
|----------------------|--|
| Supported Resolution | 1024 x 768 , 1920 x 1200, 1400 x 1050, 720 x 480, 720 x 400, 720 x 576, 1360 x 768, 3840 x 2160, 4096 x 2160, 1680 x 1050, 1280 x 960, 1280 x 720, 640 x 480, 1920 x 1080, 1280 x 1024, 1440 x 900, 1280 x 800 |
|----------------------|--|

## Weights and Measures

|  |      |
|--|------|
| Shipping Carton Dimensions (Width) mm  | 2080 |
| Shipping Carton Dimensions (Height) mm | 1250 |
| Shipping Carton Dimensions (Depth) mm  | 225  |
| Shipping Weight (Kg)                   | 44   |

## Mechanical

|                               |    |
|-------------------------------|----|
| Bezel Width (Left/Right) [mm] | 13 |
| Bezel Width (Upper) [mm]      | 13 |
| Bezel Width (Lower) [mm]      | 13 |

## Display

|                    |     |
|--------------------|-----|
| Screen Size (inch) | 86  |
| Screen Size (cm)   | 217 |

## Connectivity

|                        |                              |
|------------------------|------------------------------|
| Digital Output Control | HDMI, USB Type C LAN 100Mbit |
|------------------------|------------------------------|

## Environmental Conditions

|                              |    |
|------------------------------|----|
| Operating Humidity (min) [%] | 20 |
| Operating Humidity (max) [%] | 80 |

## Touch Interface Specification

|                |        |
|----------------|--------|
| Haze Level [%] | Pro 25 |
|----------------|--------|

## Key Specifications

|                         |   |
|-------------------------|---|
| Special Characteristics | USB Media Player, NaViSet Administrator 2, CEC Support, Powered USB-Port, HDMI ARC, Scheduler |
| Built in Speakers (W)   | 10 + 10   |
| Remote Management       | True  |
| Operating Time          | 16/7  |
| Supported Image Format  | Max. resolution 15360 x 8640, JPG (baseline, progressive, RGB, CMYK)                          |

## Display Module Data

|                                 |                                |
|---------------------------------|--------------------------------|
| Panel Technology                | IPS with Direct LED backlights |
| Native Resolution (Pixels)      | 3840 x 2160                    |
| Aspect Ratio                    | 16:9                           |
| Brightness (cd/m <sup>2</sup> ) | 350                            |
| Contrast Ratio                  | 1200:1                         |
| Viewing Angle (°)               | 178                            |
| Colour Depth [bn]               | 1.07 (8bit + FRC)              |
| Active Screen Area (H/V) mm     | 1895 x 1066                    |
| Response Time (typ.) [ms]       | 8                              |

## Additional Features

|                       |  |
|-----------------------|--|
| Colour Versions       | Black Back Cabinet, Black Front Bezel                            |
| Safety and Ergonomics | UKCA, UL/C-UL or CSA, FCC Class B, CE, EnergyStar 8.0, VCCI, RCM |
| Warranty              | 3 years warranty incl. backlight                                 |

## Accessories

|                  |   |
|------------------|---|
| Accessories      | Feet, Wall mount, USB-C cable, Trolley  |
| Shipping Content | Cable Clamps, Power Cable, Remote Control, 2 x AAA batteries, Setup Manual, Display |

## Green Features

|                      |  |
|----------------------|--|
| Energy Efficiency    | Energy consumption: 250 kWh/1000 h, LED backlight technology, Energy efficiency class: G |
| Ecological Standards | Energy Star 8.0  |

## Ergonomics

|                                    |      |
|------------------------------------|------|
| Landscape Dimensions (Width) [mm]  | 1927 |
| Landscape Dimensions (Height) [mm] | 1098 |
| Landscape Dimensions (Depth) [mm]  | 60   |

## Synchronisation Rate

|                            |            |
|----------------------------|------------|
| Horizontal Frequency [kHz] | 31.5 - 135 |
| Vertical Frequency [Hz]    | 24 - 75    |

## Electrical

|                               |                |
|-------------------------------|----------------|
| Power Consumption on Mode [W] | 245 (shipping) |
| Power Supply                  | 100-240 V      |

## Audio Terminals

|                        |                    |
|------------------------|--------------------|
| Speaker Output (W RMS) | Internal 10W + 10W |
|------------------------|--------------------|

## Projectors

|             |    |
|-------------|----|
| Weight (kg) | 33 |
|-------------|----|

