

Sharp Signage Display

# SHARP MULTISYNC® E509



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)	11
Bezel Vertical (mm)	11
Panel Response Time (ms)	8

## Installation

Portrait Installation	True
Landscape Installation	True
Landscape	True
Portrait	True
Mounting (VESA mm)	200 x 200 (FDMI)
Mounting (Number of Points/Pitch)	4
Mounting Screw Specification (Size/Max Length)	M6

## 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)

## 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

## Weights and Measures

Shipping Carton Dimensions (Width) mm	1253
Shipping Carton Dimensions (Height) mm	761
Shipping Carton Dimensions (Depth) mm	128
Shipping Weight (Kg)	13

## Touch Interface Specification

Haze Level [%]	Pro 25
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## Connectivity (Control/Serial) Data

RS232C IN	9600
RS232C OUT	9600

## Synchronisation Rate

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

## Connectivity

Digital	HDMI, USB Type C
Output Control	LAN 100Mbit

## Environmental Conditions

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

## Ergonomics

Landscape Dimensions (Width) [mm]	1120
Landscape Dimensions (Height) [mm]	641
Landscape Dimensions (Depth) [mm]	60

## PC-Input

Input Data	1 x USB 2.0 (MediaPlayer)
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## Video Terminals

Control Terminals	RS232C, LAN
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## Audio Terminals

Speaker Output (W RMS)	Internal 10W + 10W
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## Accessories

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

## Display Module Data

Panel Technology	VA with Direct LED backlights
Native Resolution (Pixels)	3840 x 2160
Aspect Ratio	16:09:00
Brightness (cd/m <sup>2</sup> )	350
Contrast Ratio	4000:1
Pixel Pitch (mm)	0.285
Viewing Angle (°)	178
Colour Depth [bn]	1.07 (8bit + FRC)
Active Screen Area (H/V) mm	1095 x 616
Max. screen time	up to 16 hours of use per day
Response Time (typ.) [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)

## Connectivity (Audio/Video) INPUT

Audio 3.5mm Jack	1
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## Display

Screen Size (inch)	50
Screen Size (cm)	126

## Resolution

Optimum Resolution	3840 x 2160 at 60 Hz
Supported Resolution	1920 x 1200, 1024 x 768, 1280 x 1024, 1920 x 1080, 640 x 480, 1280 x 720, 1280 x 960, 1440 x 900, 1680 x 1050, 3840 x 2160, 1360 x 768, 720 x 576, 720 x 400, 720 x 480, 1400 x 1050, 4096 x 2160

## Electrical

Power Consumption on Mode [W]	99 (shipping)
Power Supply	100-240 V, Internal Power Supply

## Mechanical

Bezel Width (Left/Right) [mm]	11
Bezel Width (Upper) [mm]	11
Bezel Width (Lower) [mm]	11

## Green Features

Energy Efficiency	LED backlight technology, Energy consumption: 90 kWh/1000 h, Energy efficiency class: G
Ecological Standards	Energy Star 8.0

## Projectors

Weight (kg)	9
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