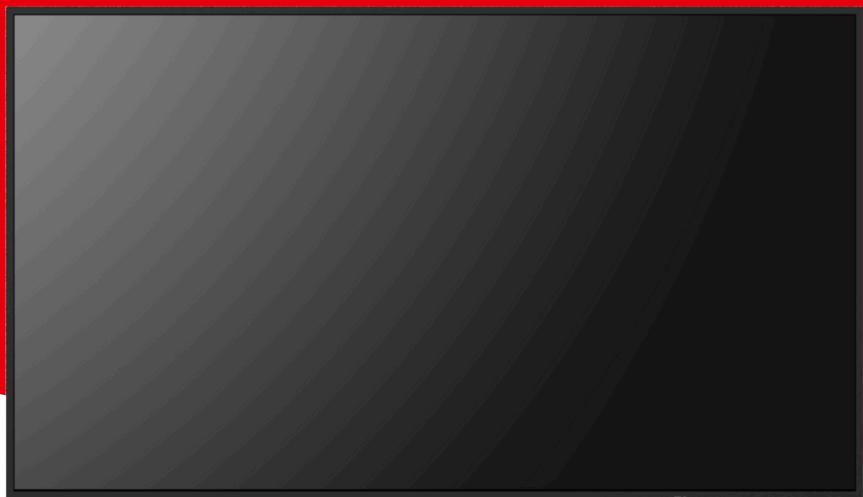


Sharp MultiSync® E509

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 |
|----------------|--------|

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

Environmental Conditions

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

Video Terminals

| | |
|-------------------|-------------|
| Control Terminals | RS232C, LAN |
|-------------------|-------------|

Audio Terminals

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

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 | 16:9:00 |
| Brightness (cd/m ²) | 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 |
|------------------|---|

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 |

Ergonomics

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

Projectors

| | |
|-------------|---|
| Weight (kg) | 9 |
|-------------|---|



Green Features

Energy Efficiency

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

Ecological Standards

PC-Input

Input Data

1 x USB 2.0 (MediaPlayer)

Design and specifications are subject to change without prior notice. All information was correct at time of print. Microsoft, Excel, PowerPoint, OneDrive, SharePoint, Active Directory, Windows Server, and Windows are either registered trademarks or trademarks of Microsoft Corporation in the US and/or other countries. Adobe and PostScript 3 are either registered trademarks or trademarks of Adobe Systems Incorporated in the US and/or other countries. Google Drive, Gmail, Android, and Google Cloud Print are trademarks of Google LLC. The Google Drive trademark is used with permission from Google LLC. Box is a trademark, service mark, or registered trademark of Box, Inc. QR Code is a registered trademark of DENSO WAVE INCORPORATED in Japan and other countries. AirPrint and Mac are trademarks of Apple Inc., registered in the US and other countries. PCL is a registered trademark of Hewlett_x0020_Packard Company. Qualcomm DirectOffice is a product of Qualcomm Technologies, Inc. and/or its subsidiaries. Qualcomm is a trademark of Qualcomm Incorporated, registered in the US and other countries. DirectOffice is a trademark of CSR Imaging US, LP, registered in the US and other countries. All other company names, product names and logotypes are trademarks or registered trademarks of their respective owners. ©Sharp Corporation All trademarks acknowledged. E&O. Ref: Sharp MultiSync® E509, 9/1/2026