

LCD 43" Essential Large Format Display

# Sharp MultiSync® E439





LCD 43 Essential Large Format Display - Sharp MultiSync® E439 (2 / 6)

## Professional performance, affordable value

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. Combining essential features for meeting rooms and digital signage with commercial-grade reliability, the E9 Series delivers crisp UHD resolution, integrated media playback, and 16/7 operation at an accessible price point. A professional matte high-haze panel ensures superior visual performance in this product category, minimising reflections and glare common with glossy panels.

Designed for seamless integration across the wider Sharp display family, the E9 Series shares the same core identity, including the same remote control and device management for a consistent user experience. A robust metal back cover secures product longevity in commercial settings. Whether for presentations, retail signage, or corporate communication, the E9 Series gives you the professional edge without stretching your budget

## Benefits

**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

## Product Information

### Product Name

Sharp MultiSync® E439

### Product Group

LCD 43" Essential Large Format Display

### Order Code

60006181

## Display

### Panel Technology

IPS with Direct LED backlights

### Active Screen Area (W x H) [mm]

941 x 529

### Screen Size [inch/cm]

43 / 108

### Aspect Ratio

16:9

### Pixel Pitch [mm]

0.245

### Brightness [cd/m<sup>2</sup>]

350

### Contrast Ratio (typ.)

1200:1

### Viewing Angle [°]

178 horizontal / 178 vertical (typ. at contrast ratio 10:1)

### Colour Depth [bn]

1.07 (8bit + FRC)

### 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;	1400 x 1050;	4096 x 2160;
1280 x 1024;	1440 x 900;	640 x 480;
1280 x 720;	1680 x 1050;	720 x 400;
1280 x 800;	1920 x 1080;	720 x 480;
1280 x 960;	1920 x 1200;	720 x 576;
1360 x 768;	3840 x 2160;	

## Synchronisation Rate

### Horizontal Frequency [kHz]

31.5 - 135

### Vertical Frequency [Hz]

24 - 75

## Connectivity

### HDMI IN 1

Video Input; UHD (60 Hz) HDCP (2.2); Audio Input; ARC; CEC

### HDMI IN 2

Video Input; UHD (60 Hz) HDCP (2.2); Audio Input; CEC

### USB-A 1

USB (2.0); 4.5 W; Peripherals; USB Storage

### USB-C 1

Video Input; UHD (60 Hz); DP alt. 1.2; HDCP (2.2); Audio Input; USB 2.0; 15 W

### Audio Output (3.5 mm)

Audio Output; Line Out

### LAN 1

100 MBit/s

### RS-232C

9600 bps

## Electrical

### Power Consumption [W]

85 shipping

### Power Savings Mode [W]

< 0.5; < 2 (Networked Standby)

## Power Supply

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

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## Environmental Conditions

### Operating Temperature [°C]

+0 to +40

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### Operating Humidity [%]

20 to 80

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### Storage Humidity [%]

10 to 80

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### Storage Temperature [°C]

-20 to +60

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## Mechanical

### Dimensions (W x H x D) [mm]

965 x 555 x 59.1

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### Weight [kg]

7.5

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### Bezel Width [mm]

10.7

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### VESA Mounting [mm]

200 x 200 (FDMI); 4 holes; M6

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### Packaging Dimensions (W x H x D) [mm]

1,075 x 683 x 127

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### Packaging Weight [kg]

11

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## Material

Metal structure. Covers partial in plastic.

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## MediaPlayer

### Supported File Storage / File System

USB 2.0 / FAT16, FAT32

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### Supported Image Formats

JPG (baseline, progressive, RGB, CMYK); max. resolution 15360 x 8640

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## Supported Video Formats

MPG (MPEG1/2/4, max res 1080p@30Hz); MP4 (MPEG2/4, H.263, H.264, HEVC/H.265, max res 3840x2160@60Hz); TS (MPEG2, H.264, HEVC/H.265, max res 3840x2160@60Hz); audio: LPCM, MP3, AAC; WMV (video H.264, Windows Media Video 9, max res 1080p@30Hz, audio WMA 9, WMA 10 Pro)

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## Supported Audio Formats

MP3 (MP3); max. bit-rate 320 kBit/s

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## Available Options

### Accessories

Feet (ST-43M); Trolley (PD04 Tipster); USB-C cable (USB-C 5M, USB-C 7M); Wall mount (PDW S 32-65 L, PDW S 32-65 P)

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## Regulatory

### Safety and Ergonomics

CE; Energy Star 8; FCC Class B; RCM; UKCA; UL/C-UL or CSA; VCCI

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## Green Features

### Energy Efficiency

Energy consumption: 82 kWh/1000 h; Energy efficiency class: G; LED backlight

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### Ecological Standards

EnergyStar 8.0

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## Additional Features

### Special Characteristics

CEC Support; HDMI ARC; NaViSet Administrator 2 - free download; Powered USB-Port; Scheduler; USB Media Player

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### Colour Versions

Black Front Bezel, Black Back Cabinet

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### Audio

Integrated Speakers (10 W + 10 W)

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### Shipping Content

2x AAA batteries; Cable Clamps; Display; Power Cable; Remote Control; Setup Manual

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### Warranty

3 years warranty incl. backlight

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### Operating Hours

16/7

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### Remote Management

NaViSet Administrator 2

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VCCI



FCC Class B



CE



RCM

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