

Sharp Signage Display

SHARP MULTISYNC® E439 LCD 43" ESSENTIAL LARGE FORMAT DISPLAY



Professional performance, affordable value.

- 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

Video Terminals

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|-------------------|--------|
| Control Terminals | RS232C |
|-------------------|--------|

Key Specifications

| | |
|-------------------------|---|
| Special Characteristics | NaViSet Administrator 2, CEC Support, USB Media Player, 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

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|-----------------------|--|
| Colour Versions | Black Front Bezel, Black Back Cabinet |
| 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

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

Weights and Measures

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|--|------|
| Shipping Carton Dimensions (Width) mm | 1075 |
| Shipping Carton Dimensions (Height) mm | 683 |
| Shipping Carton Dimensions (Depth) mm | 127 |
| Product Weight Without Stand (Kg) | 8 |
| Shipping Weight (Kg) | 11 |

Green Features

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|----------------------|---|
| Energy Efficiency | Energy Consumption: 82kWh/1000h, LED backlight technology, Energy efficiency class: G |
| Ecological Standards | Energy Star 8.0 |

Display

| | |
|--------------------|-----|
| Screen Size (inch) | 43 |
| Screen Size (cm) | 108 |

Synchronisation Rate

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

Environmental Conditions

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

Display Module Data

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|---------------------------------|--------------------------------|
| Panel Technology | IPS with Direct LED backlights |
| Native Resolution (Pixels) | 3840 x 2160 |
| Aspect Ratio | 16:9 |
| Brightness (cd/m ²) | 350 |
| Contrast Ratio | 1200:1 |
| Pixel Pitch (mm) | 0.245 |
| Viewing Angle (°) | 178 |
| Colour Depth [bn] | 1.07 (8bit + FRC) |
| Active Screen Area (H/V) mm | 941 x 529 |
| Response Time (typ.) [ms] | 8 |

Power Supply and Operating Environment

| | |
|----------------------------|-------------------------|
| Operating Voltage (ACV) | 100-240 |
| Frequency (Hz) | 50-60 |
| Via AC Adapter | True |
| 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) |

Resolution

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|----------------------|---|
| 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, 1280 x 800, 4096 x 2160 |
|----------------------|---|

Installation

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

Mechanical

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

Ergonomics

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|------------------------------------|-----|
| Landscape Dimensions (Width) [mm] | 965 |
| Landscape Dimensions (Height) [mm] | 555 |
| Landscape Dimensions (Depth) [mm] | 60 |

Connectivity

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

Touch Interface Specification

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

Electrical

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|-------------------------------|---------------|
| Power Consumption on Mode [W] | 85 (shipping) |
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