

Sharp Signage Display

# SHARP MULTISYNC® P436 LCD 43" PROFESSIONAL LARGE FORMAT DISPLAY



When reliability, security, and exceptional visual performance are mandatory, the Sharp MultiSync® P6 Series delivers with precision and resilience.

- Enhanced imaging precision – when brand consistency and corporate identity are important, Sharp's SpectraView Engine provides full control over colour, gamma, and uniformity for accurate and impactful content.
- 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.
- Security assured – 802.2x support over LAN enables high-level security for corporate networks, giving peace of mind for IT teams and enterprise environments.
- Mission-critical performance – with 700 cd/m<sup>2</sup> brightness, long-life components and robust flame-resistant metal chassis, the P6 series is engineered to deliver lasting clarity and durability in challenging environments without the need for bulky housings.
- Trusted integration – full compatibility with major AV ecosystems, including Crestron XiO Cloud and NVX, Q-Sys, Cisco Webex, Matrox IPMX, and CMS solutions, ensures seamless setup and scalability.

# Specifications

## Panel Data

|                          |   |
|--------------------------|---|
| Panel Response Time (ms) | 8 |
|--------------------------|---|

## Accessories

|                  |                                                                                           |
|------------------|-------------------------------------------------------------------------------------------|
| Accessories      | Eco Sensor, Feet, Soundbar, Wall mount, USB-C cable, Trolley, Speaker, Remote control kit |
| Shipping Content | Power Cable, Remote Control, HDMI Cable, 2 x AAA batteries, Setup Manual, Display         |

## Display Module Data

|                                 |                                |
|---------------------------------|--------------------------------|
| Panel Technology                | IPS with Direct LED backlights |
| Native Resolution (Pixels)      | 3840 x 2160                    |
| Aspect Ratio                    | 16:09:00                       |
| Brightness (cd/m <sup>2</sup> ) | 700                            |
| Contrast Ratio                  | 8000:1                         |
| Pixel Pitch (mm)                | 0.245                          |
| Viewing Angle (°)               | 178                            |
| Colour Depth [bn]               | 1073 (10bit)                   |
| Active Screen Area (H/V) mm     | 941.2 x 529.4                  |
| Response Time (typ.) [ms]       | 8                              |

## Additional Features

|                       |                                                                                                                       |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------|
| Colour Versions       | Black Back Cabinet, Black Front Bezel                                                                                 |
| Safety and Ergonomics | EMC Class B, UKCA, ISO 9241-307 (pixel failure class I), RoHS, UL/C-UL or CSA, FCC Class B, CE, EnergyStar 8.0, REACH |
| Warranty              | optional 4th to 5th year warranty extension, Additional services available, 3 years warranty incl. backlight          |

## Weights and Measures

|                                        |      |
|----------------------------------------|------|
| Shipping Carton Dimensions (Width) mm  | 1070 |
| Shipping Carton Dimensions (Height) mm | 675  |
| Shipping Carton Dimensions (Depth) mm  | 161  |
| Shipping Weight (Kg)                   | 18   |

## Touch Interface Specification

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

## Synchronisation Rate

|                            |          |
|----------------------------|----------|
| Horizontal Frequency [kHz] | 15 - 135 |
| Vertical Frequency [Hz]    | 23 - 76  |

## Connectivity

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

## Environmental Conditions

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

## Ergonomics

|                                    |     |
|------------------------------------|-----|
| Landscape Dimensions (Width) [mm]  | 965 |
| Landscape Dimensions (Height) [mm] | 558 |
| Landscape Dimensions (Depth) [mm]  | 67  |

## Projectors

|             |    |
|-------------|----|
| Weight (kg) | 14 |
|-------------|----|

## Installation

|                                                |                  |
|------------------------------------------------|------------------|
| Portrait Installation                          | True             |
| Landscape Installation                         | True             |
| Landscape                                      | True             |
| Portrait                                       | True             |
| Mounting (VESA mm)                             | 300 x 300 (FDMI) |
| Mounting (Number of Points/Pitch)              | 4                |
| Mounting Screw Specification (Size/Max Length) | M6               |
| Face up                                        | True             |
| Face down                                      | True             |

## Key Specifications

|                          |                                                                    |
|--------------------------|--------------------------------------------------------------------|
| Special Characteristics  | CEC Support, DICOM Simulation, Clone Settings, HDMI ARC, Scheduler |
| 24/7 Operation Certified | True                                                               |
| Built in Speakers (W)    | 10 + 10                                                            |
| Power Management         | True                                                               |
| Temperature Sensor       | True                                                               |
| Brightness Sensor        | True                                                               |
| Remote Management        | True                                                               |
| Operating Time           | 24/7                                                               |

## 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)     |

## Display

|                    |            |
|--------------------|------------|
| Screen Size (inch) | 43         |
| Screen Size (cm)   | 108        |
| Colour Gamuts      | 86% of DCI |

## Resolution

|                      |                                                                                                                                                                                                                                        |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Supported Resolution | 1920 x 1200, 1024 x 768 , 1280 x 1024, 1600 x 1200, 1920 x 1080, 640 x 480, 800 x 600, 1280 x 720, 1440 x 900, 1680 x 1050, 3840 x 2160, 1360 x 768, 720 x 576, 720 x 400, 720 x 480, 1366 x 768, 1400 x 1050, 1280 x 800, 4096 x 2160 |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## Electrical

|                               |               |
|-------------------------------|---------------|
| Power Consumption on Mode [W] | 80 (shipping) |
| Power Supply                  | 100-240 V     |

## Mechanical

|                               |    |
|-------------------------------|----|
| Bezel Width (Left/Right) [mm] | 10 |
| Bezel Width (Upper) [mm]      | 10 |
| Bezel Width (Lower) [mm]      | 14 |

## Green Features

|                      |                                                                                         |
|----------------------|-----------------------------------------------------------------------------------------|
| Energy Efficiency    | LED backlight technology, Energy consumption: 67 kWh/1000 h, Energy efficiency class: G |
| Ecological Standards | Energy Star 8.0                                                                         |



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