

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, NEC'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 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

16:9:0:0

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 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



**4K UHD**  
READY



**SpectraView**  
engine



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