

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/m² 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/m²)

700

Contrast Ratio

8000:1

Pixel Pitch (mm)

0.245

Viewing Angle (°)

178

Colour Depth [bit]

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

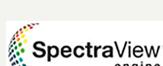
LED backlight technology, Energy consumption: 67 kWh/1000 h, Energy efficiency class: G

Ecological Standards

Energy Star 8.0



4K UHD
READY



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