LCD 43" Essential Large Format Display

Sharp PN-HW431

Clearly a better choice. Bring content to life – fast

Enhance almost any professional environment with the outstanding 4K Ultra HD clarity of Sharp's PN-HW displays. They offer a wide range of screen sizes and flexible installation methods, including standalone operation, making them the ideal choice for both retail and corporate organisations.

With Sharp's PN-HW digital signage displays you can enjoy the perfect combination of slim and stylish design and crystal clear pictures. So you can get your message across loud and clear, wherever it needs to be seen.

Benefits

Simply more life-like – the displays come with a wide colour gamut showing every colour with much greater accuracy.

Business hours operation time – 16/7 with 350 to 400 cd/m² brightness.

Instant plug & go – with the built-in USB MediaPlayer slideshows of 4K Ultra HD photos and videos as well as music can be played, no need to connect a separate PC or other hardware.

Control made simple – using an integrated LAN/RS-232C interface all your displays can easily be controlled and monitored from a single PC.

Real impact – with built-in speakers, support for USB playback and range of connectivity, it is easy to create digital signage.

Specifications

Product Information

Product Name
Sharp PN-HW431

Product Group
LCD 43" Essential Large Format Display

Order Code
60005490

Display

Panel Technology
TFT with Direct LED backlights

Active Screen Area (W x H) [mm]
941 x 529

Screen Size [inch/cm]
43 / 107

Aspect Ratio
16:9

Pixel Pitch [mm]
0.245 x 0.245

Brightness [cd/m²]
350

Contrast Ratio (typ.)
4000:1

Viewing Angle [°]
178 horizontal / 178 vertical (typ. at contrast ratio 10:1)

Colour Depth [bn]
1.073 (10bit)

Response Time (typ.) [ms]
8

Panel Refresh Rate [Hz]
60

Haze Level [%]
Standard (2)

Supported Orientation
Landscape; Portrait

Resolution

Native Resolution
3840 x 2160

Supported Resolutions

1024 x 768;	1360 x 768;	3840 x 2160;
1280 x 1024;	1400 x 1050;	4096 x 2160;
1280 x 720;	1440 x 900;	640 x 480;
1280 x 800;	1680 x 1050;	800 x 600;
1280 x 960;	1920 x 1080;	848 x 480

Connectivity

Input Video Analogue
1 x VGA

Input Video Digital
3 x HDMI (with HDCP)

Input Audio Analogue
1 x 3,5 mm jack

Input Audio Digital
3 x HDMI

Input Control
LAN 100Mbit; RS232

Input Data
1 x USB Medaplayer

Output Audio Analogue
1x Cinch (L/R)

Electrical

Power Consumption [W]
115 (max.)

Power Savings Mode [W]
< 0.5; < 1 (Networked Standby)

Power Management
VESA DPMS

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

Environmental Conditions

Operating Temperature [°C]
+0 to +40

Operating Humidity [%]
20 to 80

Storage Humidity [%]
10 to 90

Storage Temperature [°C]
-20 to 60

Mechanical

Dimensions (W x H x D) [mm]
968 x 559 x 61

Weight [kg]
9

Bezel Width [mm]
12 (left/right); 12 (top); 15 (bottom)

VESA Mounting [mm]
200 x 200 (FDMI); 4 holes; M6

Packaging Dimensions (W x H x D) [mm]
1,070 x 696 x 159

Packaging Weight [kg]
12.5

Regulatory

Safety and Ergonomics
CE; EAC; RoHS

Green Features

Energy Efficiency
Energy Consumption: 96 kWh/1000 h; Energy Efficiency Class: G; LED Backlight

Additional Features

Special Characteristics
ASCII Control Commands; CEC Support; Removable Logo; Scheduler; USB Media Player

Colour Versions
Black Front Bezel, Black Back Cabinet

Audio
Integrated Speakers (2 x 10 W)

Shipping Content
2x AAA batteries; CD-ROM (User Guides/Manuals); Display; Logo Sticker; Power Cable; Remote Control; Setup Manual

Warranty
3 years warranty incl. backlight; on-site service; optional 4. + 5. year warranty extension [1]

Operating Hours
16/7

External Control
ASCII Control Commands; HDMI CEC; Scheduled Timer

[1] please refer to terms and conditions of warranty extensions

RoHS compliant

RoHS

CE

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