Preliminary Datasheet

LCD 75" Midrange Large Format Display

# Sharp PN-HC751

## Benefits

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

**Operation around the clock** – 24/7 with 450 cd/m² brightness.

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

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

**All the flexibility you need** – the display can be wall mounted in either landscape or portrait mode as well as face-down on a ceiling or face-up on a table or floor.

# Specifications

## Product Information

**Product Name**
Sharp PN-HC751

**Product Group**
LCD 75" Midrange Large Format Display

## Display

**Panel Technology**
TFT with Direct LED backlights

**Active Screen Area (W x H) [mm]**
1,649.6 x 927.9

**Screen Size [inch/cm]**
75 / 189.2

**Aspect Ratio**
16:9

**Pixel Pitch [mm]**
0.43 x 0.43

**Brightness [cd/m²]**
450

**Contrast Ratio (typ.)**
1200:1

**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 (1)

**Supported Orientation**
Landscape; Portrait

## Resolution

**Native Resolution**
3840 x 2160

**Supported Resolutions**

| | | |
|---|---|---|
| 1024 x 768; | 1400 x 1050; | 4096 x 2160; |
| 1280 x 1024; | 1440 x 900; | 640 x 480; |
| 1280 x 720; | 1600 x 1200; | 800 x 600; |
| 1280 x 800; | 1680 x 1050; | 848 x 480 |
| 1280 x 960; | 1920 x 1080; | |
| 1366 x 768; | 3840 x 2160; | |

## 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

## Electrical

**Power Consumption [W]**
240 (max.)

**Power Savings Mode [W]**
< 0.5; < 2 (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]
1,692.5 x 970.7 x 79.8

Weight [kg]
34

Bezel Width [mm]
19.4 (bottom); 19.4 (left/right); 19.4 (top)

VESA Mounting [mm]
4 holes; 800 x 400 (FDMI); M8

Packaging Dimensions (W x H x D) [mm]
1,900 x 1,125 x 225

Packaging Weight [kg]
46

## Regulatory

Safety and Ergonomics
CE; RoHS

## Green Features

Energy Efficiency
Energy Consumption: 210 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; 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
24/7

External Control
ASCII Control Commands; HDMI CEC; Scheduled Timer

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

CE RoHS

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