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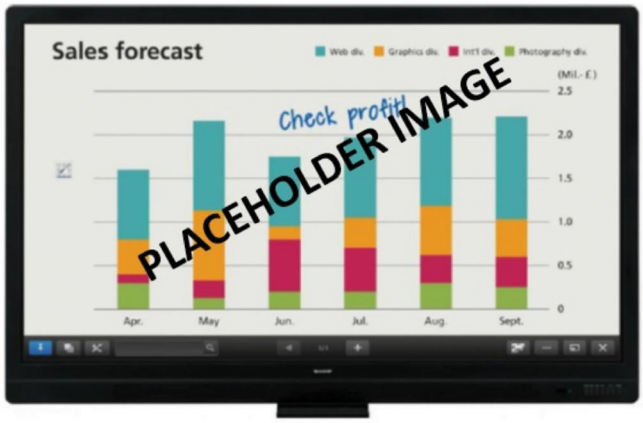
PN-86HC1 Preliminary Datasheet



- 4K BIG PAD FOR EDUCATION AND MEETING ROOMS
- 86" (217,4CM) SIZE WITH 3840 X 2160 PIXELS
- FAST AND RESPONSIVE INFRARED (IR) 10 POINT TOUCH
- TWO BUILT-IN STEREO LOUDSPEAKERS (2X10W) WHICH CLEARLY AND EFFECTIVELY FILL LARGER ROOMS
- INTEGRATED ANDROID PLAYER FOR PC-LESS WHITEBOARDING AND MEDIA PLAY BACK
- INTEGRATED WIFI FOR LATEST BYOD WIRELESS SCREEN SHARING

Sharp's 4K BIG PAD PN-86HC1 has been developed for classrooms or higher education campuses as well as meeting rooms and workspaces. Building on Sharp's expertise in advanced smart interactive display solutions, the PN-86HC1 offers flexible and fast application access with its integrated Android PC functionality.

Offering the latest on-screen collaboration capabilities with affordable price performance, Sharp’s latest 86” BIG PAD interactive display can help you enhance communication and create the best environment for effective collaboration.

The very generous 4K UHD 86" touchscreen display lets you create and collaborate with ease and precision, whether in a classroom or a meeting room. Everyone is engaged and stays focused, so you'll never have to worry about trying to keep their attention.

Powerful, flexible and cost-effective, the latest Sharp 4K BIG PAD PN-86HC1 provides an outstanding platform with easy connectivity via VGA, HDMI inputs or wireless connections with smart mobile devices to either boost collaboration, enhance audience impact, or simply increase lesson effectiveness.

Multiple users can connect to the display wirelessly and share content from their smart device with everyone in the room and the main presenter or teacher is always in control because of the Touch Panel Lock button on the display, which allows management of the various content sources.

Finally, further powerful application and feature enhancement opportunities exist via the OPS slot extension.

DISPLAY MODULE DATA

- Panel Technology: **TFT LCD**
- Native Resolution (Pixels): **3840 x 2160**
- Diagonal Size (inches / cm): **86/217,4**
- Aspect Ratio: **16:9**
- Backlight Technology: **LED, edge lit**
- Brightness (cd/m2): **350**
- Contrast Ratio: **5.000:1**
- Display Colours: **16.77 Million**
- Response Time (grey to grey avg) ms: **6.5**
- Pixel Pitch (mm H/V): **0,494 x 0,494**
- Active Screen Area (H/V) mm: **1895 x 1066**

TOUCH INTERFACE SPECIFICATION

- Technology: **IR**
- Number of Touch Points: **10**
- Number of Simultaneous Users: **1**
- Safety Glass Thickness (mm): **3**
- Coating / Filter: **AR**
- Pen Mode / Finger Mode: ✓
- PC Connection Method: **USB 2.0**
- Operating System Compatibility: **Win 10 (32/64bit)**

SAFETY AND ENVIRONMENT (EUROPE)

- CE, CB Report: ✓
- Mercury Content (mg): **0**

INSTALLATION

- Landscape: ✓
- Mounting (VESA/Number of Points/Pitch mm): **VESA/4/600x400**
- Mounting Screw Specification (Size/Max Length): **M6**

CONNECTIVITY (AUDIO/VIDEO) OUTPUT

- VGA: **1**
- Audio/Headphone 3.5mm Jack: **1**

CONNECTIVITY (WIRELESS)

- WLAN: ✓
- Bluetooth: ✓
- Miracast: ✓

KEY SPECIFICATIONS

- Limited Manufacturer's Warranty (yrs.): **3**
- Built in Speakers (W): **10 + 10**
- Computer Input - Plug and Play: ✓
- Option Slot Interface: ✓
- Cabinet Colour: **Black**
- Fanless: ✓
- Screen Adjustment: ✓

POWER SUPPLY AND OPERATING ENVIRONMENT

- Operating Voltage(ACV) / Frequency(Hz): **100-240,50/60**
- Power Consumption (W) (Operating MAX): **tbd**
- Power Consumption (W) (Standby): **0.5**
- Operating Temperature (oC): **5-35**
- Humidity (%): **20-80**
- Power consumption off mode (IEC 62301:2005): **0**

WEIGHTS AND MEASURES

- Bezel Size (L/R) mm: **45/45**
- Bezel Size (U/L) mm: **45/93**
- Product Dimensions (W/H/D) mm: **1986/1204/112 (TBD)**
- Product Weight Without Stand (Kg): **tbd**
- Shipping Weight (Kg): **TBD**

CONNECTIVITY (AUDIO/VIDEO) INPUT

- HDMI: **3**
- VGA: **2 (Mini D-SUB 15 pin)**
- Audio 3.5mm Jack: **1**

CONNECTIVITY (CONTROL/SERIAL DATA)

- RS232C IN: **1**
- USB: **1**

ACCESSORIES

- Remote Control Transmitter: **1 pc.**
- Installation Set-Up Manual: **1 pc.**
- Power Cord: **2x 1pc. UK/GER**
- USB Cable: **1pc. USB Extension cable**
- Pen: **1 pc.**
- Battery: **2pcs. Type AA (for remote control)**

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