



Philips
LCD Touch Information
Kiosk

140 cm (55")
multimedia
Full HD

BDT5530EK

More audience interaction

with the multi-touch LED information kiosk

Deliver vital information or marketing messages to your audience in startling clarity. And thanks to the interactive touch screen, you can also engage your customer much more closely than ever before.

Optimised for public touch

- Slim bezel design for a stylish look

Lower total cost of ownership

- Edge LED Backlight
- SmartPower for energy saving

Operational flexibility

- True multi-touch with 6 simultaneous touch points
- Infrared Touch
- Software Independent
- Kiosk height and angle for ergonomic use

Sustainable and safe

- Temperature sensor measures the health condition
- Complies with RoHS standards of care for the environment

PHILIPS

Highlights

Infrared Touch

With an invisible infrared grid on the top of the screen, you can enjoy amazing accuracy and fast response times, even when the screen is touched by a finger, glove or stylus. And no "ghost points".

6 simultaneous touch points

Enjoy a more interactive experience with up to 6 touch points at the same time. Ideal for when you have more than one user interacting with your application simultaneously, the 6 touch points offer an extremely cost-effective solution.

Information Kiosk

The Multi-user Touch screen of this kiosk is placed at a 45-degree angle for ergonomic use. The column is lockable and has space for a powerful PC.

Edge LED Backlight

Experience an even dispersion of light with cutting-edge LED technology. White LEDs (light emitting diodes) are positioned around the rim of the panel to give a more even spread of light. This results in even lower power consumption, less heat to dissipate and a true, uniform colour range.

SmartPower

The backlight intensity can be controlled and pre-set by the system to reduce the power consumption by up to 50%, which saves substantially on energy costs.

Compliant with RoHS standards

Philips designs and produces display products in compliance with strict Restriction of Hazardous Substances (RoHS) standards that restrict lead and other toxic substances that can harm the environment.

Temperature sensor

This multi-user Touch Screen contains a temperature sensor to monitor the internal health condition. If the internal temperature surpasses the pre-set threshold, two internal fans will be automatically activated to cool down the display to normal conditions.

Slim bezel

A slim bezel design adds a stylish look to a Touch Screen to nicely blend in most environments.

Software Independent

Our touch screens are software independent and work with most touch-screen software commercially available, including Windows XP/7 and Mac OS, Omnitapps – BMT1909/00. Connect via USB to a PC or laptop.

Specifications

Picture/Display

- Diagonal screen size: 54.6 inch / 138.6 cm
- Aspect ratio: 16:9
- Panel resolution: 1920 x 1080p
- Pixel pitch: 0.21 x 0.63 mm
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 450 cd/m²
- Display colours: 1.07 Billion
- Contrast ratio (typical): 4000:1
- Response time (typical): 6.5 ms
- Viewing angle: 178° (H)/178° (V)
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, 3D MA deinterlacing, Dynamic contrast enhancement, Motion compens. deinterlacing, Progressive scan

Connectivity

- PC: 3.5 mm PC audio input x 1, DVI-D x 1, RS232 D-Sub9, RS232 D-sub9 output, VGA-in D-Sub 15HD, VGA-out D-Sub 15HD
- AV input: Audio (L/R) x 2, Composite (BNC) x 1, HDMI x 1, S-video x 1
- Other connections: Component RCA x1
- Touch Screen: USB

Convenience

- Placement: Landscape
- Picture in picture: PIP
- Screen-saving functions: Pixel Shift, Low Brightness
- Keyboard control: Hidden, Lockable
- Remote control signal: Lockable
- Energy-saving functions: Ambient light sensor, Smart Power
- Safety control functions: Heat Control, Temperature Sensor

Sound

- Built-in speakers: 2 x 12 W RMS

Supported Display Resolution

- Computer formats: 1024 x 768, 60 Hz, 1280 x 768, 60 Hz, 1280 x 800, 60 Hz, 1360 x 768, 60 Hz, 1366 x 768, 60 Hz, 1440 x 900, 60 Hz, 1600 x 1200, 60

- Hz, 1920 x 1080, 60 Hz, 1920 x 1200, 60 Hz, 640 x 480, 60, 67, 72, 75 Hz, 800 x 600, 56, 60, 72, 75 Hz
- Video formats: 1080i, 50, 60 Hz, 480i, 60 Hz, 480p, 60 Hz, 576i, 50 Hz, 576p, 50 Hz, 720p, 50, 60 Hz, 1080p, 50, 60 Hz

Dimensions

- Bezel thickness: 62.5 mm
- Set dimensions (W x H x D): 1350 x 1420 x 615 mm

Operating conditions

- Temperature range (operation): 0 - 40 °C
- MTBF: 60,000 hour(s)

Accessories

- Included accessories: AC Power Cord, Batteries for remote control, Owner's Manual, Remote Control, User manual on CD-ROM, VGA cable, Touch Driver on USB
- Optional accessories: Software Omnitapps BMT1909/00, Multi User Touch SW

Miscellaneous

- Bezel: Black 9005F13
- On-Screen Display Languages: English, French, German, Italian, Polish, Russian, Simplified Chinese, Turkish
- Warranty: Europe 2 years
- Regulatory approvals: CCC, CE, FCC, Class B, UL/cUL

Packaging Data

- Tare weight: 40 kg
- Number of products included: 1
- Euro pallet: 1200 x 1300 x 800 mm

Interactivity

- Multi-touch technology: 5-mm safety glass, 6 Touch points simultaneously, Infrared touch, USB connection



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