



Philips  
LCD Touch Information  
Kiosk

107 cm (42")

multimedia  
Full HD

BDT4225EK

## More audience interaction

with the multi-user touch 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.

### **Operational flexibility**

- True multi-touch with 6 simultaneous touch points
- Infrared Touch
- Software Independent
- Designed for 24/7 operation
- Kiosk height and angle for ergonomic use
- Storage space for PC in cabinet

### **Optimised for public viewing**

- Full HD LCD display, 1920 x 1080p
- HDMI input

### **Lower total cost of ownership**

- Advanced anti-image Sticking Punction
- SmartPower for energy saving

### **Sustainable and safe**

- Complies with RoHS standards of care for the environment

# PHILIPS

# Highlights

## 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.

## Advanced anti-image sticking

Advanced anti-image Sticking Function

## Designed for 24/7 operation

Designed for 24/7 operation

## HDMI input

HDMI makes an uncompressed digital RGB connection from the source to the screen. By eliminating conversion to an analogue signal, it delivers an unblemished image. The non-

degraded signal reduces flicker and leads to a clearer picture. HDMI intelligently communicates the highest output resolution with the source device. The HDMI input is fully backwards-compatible with DVI sources but includes digital audio. HDMI uses HDCP copy protection.

## 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.

## 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".

## 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.

## 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

## Accessories

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

## Connectivity

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

## Convenience

- Energy-saving functions: Smart Power
- Keyboard control: Hidden, Lockable
- Picture in picture: PBP, PIP, POP
- Picture performance: Advanced colour control
- Placement: Landscape
- Remote control signal: Lockable
- Screen-saving functions: Pixel shift, Low brightness

## Dimensions

- Bezel thickness: 44.5 mm vertical, 46 mm horizontal
- Product weight: 98 kg
- Set dimensions (W x H x D): 1024 x 1380 x 560 mm

## Miscellaneous

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

## Operating conditions

- MTBF: 50,000 hour(s)
- Relative humidity: 5 - 90 %
- Temperature range (operation): 0 - 40 °C

## Packaging Data

- Number of products included: 1
- Packaging dimensions (W x H x D):: 1 x Euro pallet, 1200 x 1530 x 800 mm
- Tare weight: 20 kg

## Picture/Display

- Aspect ratio: 16:9
- Brightness: 500 cd/m<sup>2</sup>
- Contrast ratio (typical): 1400:1
- Diagonal screen size: 42 inch / 107 cm
- Display colours: 1.06 Billion colours
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Panel resolution: 1920 x 1080p
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Motion compens. deinterlacing, Progressive scan, 3D MA deinterlacing, Dynamic contrast enhancement
- Pixel pitch: 0.485 x 0.485
- Response time (typical): 5 ms
- Viewing angle: 178° (H)/178° (V)

## Power

- Consumption (On mode): Typical 135 W
- Mains power: 90-264 VAC, 50/60 Hz
- Standby power consumption: < 1 W

## Sound

- Built-in speakers: 2 x 7 W (8 Ohm)

## Supported Display Resolution

### • Computer formats

| Resolution  | Refresh rate      |
|-------------|-------------------|
| 640 x 480   | 60, 67, 72, 75 Hz |
| 800 x 600   | 56, 60, 72, 75 Hz |
| 1024 x 768  | 60 Hz             |
| 1280 x 768  | 60 Hz             |
| 1280 x 800  | 60 Hz             |
| 1280 x 1024 | 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             |

### • Video formats

| Resolution | Refresh rate |
|------------|--------------|
| 480i       | 60 Hz        |
| 480p       | 60 Hz        |
| 576i       | 50 Hz        |
| 576p       | 50 Hz        |
| 720p       | 50, 60 Hz    |
| 1080i      | 50, 60 Hz    |
| 1080p      | 50, 60 Hz    |

## Interactivity

- Multi-touch technology: 6 Touch points simultaneously, Infrared touch, USB connection, 4-mm safety glass



Issue date 2019-05-09

Version: 1.0.1

12 NC: 8670 000 87834  
EAN: 87 12581 63797 2

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