



Philips
LCD Indoor Touch Totem

BDT4251TI

More audience interaction

with the multi-user touch Totem

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

- Full HD LCD display, 1920 x 1080p
- Slim bezel design for a stylish look

Lower total cost of ownership

- SmartPower for energy saving

Operational flexibility

- True multi-touch with 6 simultaneous touch points
- Infrared Touch
- Software Independent

Sustainable and safe

- Temperature sensor measures the health condition
- 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.

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.

Full HD LCD display

Full HD LCD display, 1920 x 1080p

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".

Slim bezel

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

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

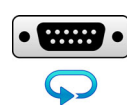
Our touch screens are software independent and work with most touch-screen software commercially available, including Windows XP/7 and Mac OS, Omnitapps – BMT1909/00. Connect via USB to a PC or laptop.

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.







Specifications

Picture/Display

- Diagonal screen size: 42 inch / 107 cm
- Aspect ratio: 16:9
- Panel resolution: 1920 x 1080p
- Pixel pitch: 0.485 x 0.485
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 700 cd/m²
- Display colours: 1.06 Billion colours
- Contrast ratio (typical): 1100:1
- Response time (typical): 9 ms
- Viewing angle: 178° (H)/178° (V)
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Motion compens. deinterlacing, Progressive scan, 3D MA deinterlacing, Dynamic contrast enhancement

Connectivity

- 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
- AV input: Component (BNC) x 1, Component (YPbPr) x 1, Composite (RCA) x 1, S-video x 1, Audio (L/R) x 2
- AV output: Composite (BNC) x 1, Audio (L/R) x 1
- Other connections: AC-out, External loudspeaker connector
- Touch Screen: USB

Convenience

- Placement: Portrait
- Picture in picture: PBP, PIP, POP
- Screen-saving functions: Pixel shift, Low brightness
- Keyboard control: Hidden, Lockable
- Remote control signal: Lockable
- Ease of installation: AC Out
- Energy-saving functions: Ambient light sensor, Smart Power
- Safety control functions: Heat Control, Temperature Sensor
- Picture performance: Advanced colour control
- Network controllable: RS232

Sound

- Built-in speakers: 2 x 5 W (8 Ohm)

Power

- Mains power: 90-264 VAC, 50/60 Hz
- Consumption (On mode): Typical 133 W
- Standby power consumption: ≤ 1 W

Supported Display Resolution

- Computer formats: 640 x 480, 60, 67, 72, 75 Hz, 800 x 600, 56, 60, 72, 75 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, 1600 x 1200, 60 Hz, 1920 x 1080, 60 Hz, 1920 x 1200, 60 Hz
- Video formats: 480i, 60 Hz, 480p, 60 Hz, 576i, 50 Hz, 576p, 50 Hz, 720p, 50, 60 Hz, 1080i, 50, 60 Hz, 1080p, 50, 60 Hz

Dimensions

- Set dimensions (W x H x D): Totem: 598 x 2011 x 154 mm Plate: 598 x 8 x 450.6 mm
- Product weight: 120 kg

Operating conditions

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

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

Miscellaneous

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

Packaging Data

- Packaging dimensions (W x H x D):: 1200 x 2200 x 800 mm
- Tare weight: 80 kg
- Number of products included: 1

Interactivity

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



Issue date 2024-03-31

Version: 1.0.1

EAN: 87 12581 63231 1

© 2024 Koninklijke Philips N.V.
All Rights reserved.

Specifications are subject to change without notice.
Trademarks are the property of Koninklijke Philips N.V.
or their respective owners.

www.philips.com