Philips
LCD Indoor Touch Totem

107 cm (42")
multimedia
Full HD

BDT4251TX

More audience interaction

with the multi-touch Totem LCD Display

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
- Capacitive Touch
- 2 Touch Points
- Software Independent

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

PHILIPS

Highlights

Capacitive Touch

This capacitive touch has 5-mm tempered glass. Therefore it is perfectly practical for public use and easy to clean.

2 Touch Points

Enjoy the interactivity of multi-touch functionality. It has the advantages of a more robust touch screen combined with the multi-touch gestures for using more versatile touch software.

Full HD LCD display

Full HD LCD display, 1920 x 1080p

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.

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.

SmartPower

Slim Bezel

Lead Free

FULL HD 1080p DISPLAY

Portrait Mounting

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
- 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: HDMI x 1, Component (YPbPr) x 1, Composite (RCA) x 1, Composite (BNC) x 1, S-video x 1, Audio (L/R) x 1
- 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 bright
- 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

Power

- Mains power: 90-264 VAC, 50/60 Hz
- Consumption (On mode): Typ. 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, 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: 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

- Totem: 598 x 201 x 154 mm
- Plate: 598 x 8 x 450.6 mm
- Packaging dimensions (WxHxD): 1 x Euro pallet: 1200 x 2200 x 800 mm

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: Software Omnitapps BMT1909/00

Miscellaneous

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

Packaging Data

- Tare weight: 80 kg
- Number of products included: 1

Interactivity

- Multi-touch technology: 2 Touch Points simultaneously, USB connection, 5-mm safety glass, Capacitive touch