

Philips
LCD Touch monitor

107 cm (42")
multimedia
Full HD

BDT4225EM



More audience interaction

with the multi-touch screen 107 cm (42") LCD

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.

Can be used as Touch Table!

- Delivered with 4 stainless steel feet (8 cm)

Lower total cost of ownership

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

Operational flexibility

- True multi-touch with 6 simultaneous touch points
- Infrared Touch
- Software Independent
- Designed for 24/7 operation
- Full HD LCD display, 1920 x 1080p
- HDMI input
- Touch Table

Sustainable and safe

- 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.

Advanced anti-image sticking

Advanced anti-image Sticking Punction

Designed for 24/7 operation

Designed for 24/7 operation

Full HD LCD display

Full HD LCD display, 1920 x 1080p

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.

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.

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.

With 4 stainless steel feet

Delivered with 4 stainless steel feet (8 cm)

Touch Table

This Multi-user Touch Screen can be used in a horizontal position. It is delivered with four 8-cm high stainless steel feet, which can be screwed in at the back corners of the monitor. With this feature you can turn this monitor into a Touch Table.

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: 500 cd/m²
- Display colours: 1.06 Billion colours
- Contrast ratio (typical): 1400:1
- Response time (typical): 5 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 (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
- Touch Screen: USB

Convenience

- Placement: Portrait, Landscape, Horizontal (table)
- Picture in picture: PBP, PIP, POP
- Screen-saving functions: Pixel Shift, Low Brightness
- Keyboard control: Hidden, Lockable
- Remote control signal: Lockable
- Energy-saving functions: Smart Power
- Picture performance: Advanced colour control

Sound

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

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

- Bezel thickness: 46 mm horizontal, 44.5 mm vertical
- Set dimensions (W x H x D): 1024 x 617 x 140.79 mm
- Product weight: 38 kg
- Packaging dimensions (WxHxD): 1175 x 840 x 310 mm
- Wall Mount: 400 x 400 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, 4 stainless steel feet, Touch Driver on USB
- Optional accessories: Fixed wall mount, Flexible wall mount, Ceiling mount, Electric Stand BMT1851/00, Multi User Touch SW, Software Omnitapps BMT1909/00

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

Packaging Data

- Tare weight: 25 kg
- Number of products included: 1

Interactivity

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



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