

Philips
LCD Touch monitor

107 cm (42")
multimedia
Full HD

BDT4225EM



More audience interaction

with the multi-user touch screen

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.

Lower total cost of ownership

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

Optimised for public viewing

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

Operational flexibility

- 32 Touch Points
- Infrared Touch
- Software Independent
- Designed for 24/7 operation

Sustainable and safe

- Complies with RoHS standards of care for the environment

PHILIPS

Highlights

32 Touch Points

Enjoy amazing functionality with 32 touch points on this touch screen. More flexibility and optimum performance combine with excellent operability opportunities to give you the ultimate in user interaction.

Designed for 24/7 operation

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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".

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.

Advanced anti-image sticking

Advanced anti-image Sticking Punction

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

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.

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



Smart Insert



Slim Bezel



Lead Free

SmartPower

HDMI



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: 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 (80 Ohm)

Power

- Mains power: 90-264 VAC, 50/60 Hz
- Consumption (On mode): Typical: 135 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, 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
- 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 Screen Driver
- 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
- Warranty: Europe 2 years

Packaging Data

- Packaging dimensions (W x H x D):: 1175 x 840 x 310 mm
- Tare weight: 25 kg
- Number of products included: 1

Interactivity

- Multi-touch technology: 32 Touch points Simultaneously, Infrared touch, USB connection, 4-mm safety glass



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