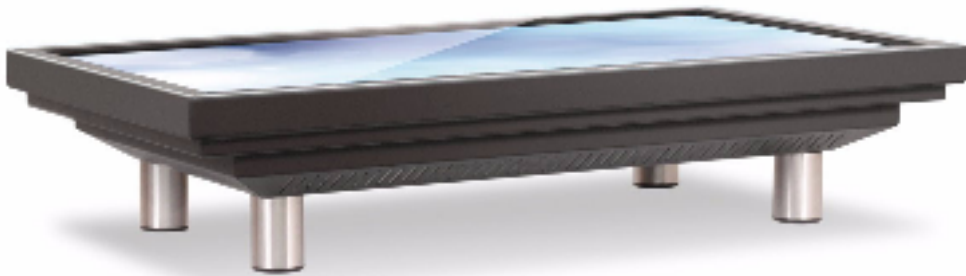Philips
LCD Touch monitor

107 cm (42")
multimedia
Full HD

BDT4225EX

More audience interaction

with the robust multi-touch screen

Deliver the message to your audience in startling clarity. Thanks to the capacitive touch screen, you can engage your customer in public spaces much more closely than ever before.

Operational flexibility
- Capacitive Touch
- 2 Touch Points
- Software Independent

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

Can be used as Touch Table!
- Delivered with 4 stainless steel feet (8 cm)

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Highlights

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.

Advanced anti-image sticking

Advanced anti-image Sticking Punction

Capacitive Touch

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

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.

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, 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

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
- Touch Screen: USB

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

Dimensions
- Bezel thickness: 46 mm horizontal, 44.5 mm vertical
- Product weight: 38 kg
- Set dimensions (W x H x D): 1024 x 617 x 140.79 mm
- VESA Mount: 400 x 400 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):: 1175 x 840 x 310
- Tare weight: 25 kg

Picture/Display
- Aspect ratio: 16:9
- Brightness: 500 cd/m²
- 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 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: 2 Touch Points simultaneously, Capacitive touch, USB connection, 5-mm safety glass

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