



Philips
LCD Touch monitor



32 TOUCH POINTS

107 cm (42")

multimedia Full HD

BDT4225EM/32

More audience interaction

with the multi user touch screen 107 cm (42") 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 closer than ever before.

Operational flexibility

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

Optimized for public viewing

- Full HD LCD display, 1920x1080p
- HDMI input for full digital HD connection in one cable

Lower total cost of ownership

- SmartPower for energy saving
- Advanced anti image sticking function

Sustainable and safe

- Complies with RoHS standards to care for the environment

Can be used as Touch Table!

- Delivered with 4 stainless steel feet (8 cm)

PHILIPS
sense and simplicity

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 touched by a finger, glove or stylus. And no “ghost points”.

32 Touch Points

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

Touch Table

This Multi user Touch Screen can be used in 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.

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.

Designed for 24/7 operation

Multi user Touch Screens are used in the most demanding applications. The displays are therefore specifically designed and tested for heavy duty operation, even when 24/7 is required.

HDMI input

HDMI makes an uncompressed digital RGB connection from the source to the screen. By eliminating conversion to an analog 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 backward 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.

Advanced anti image sticking

Static images left on-screen for extended periods of time may leave a “ghost image” or image sticking effect on LCD displays. Although image sticking in LCD displays is not permanent, you want to prevent this to happen, especially in locations where content is shown 24/7.



Specifications

Picture/Display

- Diagonal screen size: 42 inch / 107 cm
- Panel resolution: 1920x1080p
- Optimum resolution: 1920 x 1080 @ 60Hz
- Brightness: 500 cd/m²
- Contrast ratio (typical): 1400:1
- Response time (typical): 5 ms
- Aspect ratio: 16:9
- Viewing angle (H / V): 178 / 178 degree
- Pixel pitch: 0.485 x 0.485
- Display colors: 1.06 Billion colors
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Motion compens. deinterlacing, Progressive scan, 3D MA deinterlacing, Dynamic contrast enhancement

Supported Display Resolution

• Computer formats

Resolution	Refresh rate
640 x 480	60, 67, 72, 75Hz
800 x 600	56, 60, 72, 75Hz
1024 x 768	60Hz
1280 x 768	60Hz
1280 x 800	60Hz
1280 x 1024	60Hz
1360 x 768	60Hz
1366 x 768	60Hz
1440 x 900	60Hz
1600 x 1200	60Hz
1920 x 1080	60Hz
1920 x 1200	60Hz

• Video formats

Resolution	Refresh rate
480i	60Hz
480p	60Hz
576p	50Hz
576i	50Hz
720p	50, 60Hz
1080i	50, 60Hz
1080p	50, 60Hz

Connectivity

- PC:VGA-in D-Sub 15HD,VGA-out D-Sub 15HD, DVI-D x1, RS232 D-Sub9, RS232 D-sub9 output, 3.5 mm PC audio input x1
- AV input: HDMI x1, Component (BNC) x1, Composite (RCA) x1, Composite (BNC) x1, S-video x1, Audio (L/R) x2
- AV output: Composite (BNC) x1, Audio (L/R) x1
- 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 color control

Dimensions

- Bezel thickness: 44,5mm vertical, 46 mm horizontal
- Set dimensions (W x H x D): 1024 x 614 x 140 mm
- Product weight: 38 kg
- VESA Mount: 400 x 400 mm

Operating conditions

- Temperature range (operation): 0 - 40 °C
- Relative humidity: 5 - 90 %
- MTBF: 50.000 hour(s)

Power

- Mains power: 90-264 VAC, 50/60 Hz
- Consumption (On mode):Typical: 135W
- Standby power consumption: <1W

Sound

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

Accessories

- Included accessories: Remote Control, Batteries for remote control, AC Power Cord, VGA cable, User manual on CD-ROM, Quick start guide, 4 stainless steel feet, Touch Screen Driver
- Optional accessories: Fixed wall mount, Flexible wall mount, Ceiling mount, Electric Stand BMT1851/00, Multi User Touch Software Omnitapps BMT1909/00

Miscellaneous

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

Packaging dimensions

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

Technical specifications

Touch screen

- 32 Touch points simultaneously
- Infrared Touch Screen
- USB Connection
- 4 mm safety glass

