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.

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

Optimised for public viewing
• Full HD LCD display, 1920 x 1080p
• HDMI input

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

Sustainable and safe
• Complies with RoHS standards of care for the environment

PHILIPS

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.

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.

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.

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)

SmartPower

Smart Insert

Slim Bezel

DVI digital visual interface

Lead Free

SmartPower

HDMI

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: 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)

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, 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: 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
- Regulatory approvals: CCC, CE, FCC, Class B, RoHS, UL/cUL

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

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

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