Philips
LED Touch Monitor

140 cm (55")
multimedia
Full HD

BDT5530EX

More audience interaction

with robust multi-touch screen LED Display

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 touch
- Slim bezel design for a stylish look

Lower total cost of ownership
- Edge LED Backlight
- SmartPower for energy saving

Sustainable and safe
- Temperature sensor measures the health condition
- 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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Specifications

Picture/Display
- Diagonal screen size: 54.6 inch / 138.6 cm
- Panel resolution: 1920 x 1080p
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 450 cd/m²
- Contrast ratio (typical): 4000:1
- Response time (typical): 6.5 ms
- Aspect ratio: 16:9
- Viewing angle: 178° (H)/178° (V)
- Pixel pitch: 0.21 x 0.63 mm
- Display colours: 1.07 Billion
- 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, 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
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

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

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, S-video x 1, Audio (L/R) x 2
- Touch Screen: USB
- Other connections: Component RCA x1

Convenience
- Placement: Portrait, Landscape
- Picture in picture: PIP
- Screen-saving functions: Pixel Shift, Low Brightness

- Keyboard control: Hidden, Lockable
- Remote control signal: Lockable
- Energy-saving functions: Ambient light sensor, Smart Power
- Safety control functions: Heat Control, Temperature Sensor

Dimensions
- Set dimensions (W x H x D): 1350 x 815 x 74.84 mm
- Bezel thickness: 62.50 mm
- Product weight: 53 kg
- VESA Mount: 400 x 400 mm

Operating conditions
- Temperature range (operation): 0 - 40 °C
- Relative humidity: 5 - 90 %
- MTBF: 60,000 hour(s)

Power
- Mains power: 90-264 V/AC, 50/60 Hz
- Standby power consumption: <1 W

Sound
- Built-in speakers: 2 x 12 W RMS

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 9005F13
- Warranty: Europe 2 years
- On-Screen Display Languages: English, French, German, Italian, Polish, Turkish, Russian, Simplified Chinese

Packaging Data
- Packaging dimensions (W x H x D):: 1450 x 1000 x 300
- Tare weight: 30 kg
- Number of products included: 1

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

Highlights

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

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.

Edge LED Backlight
Experience an even dispersion of light with cutting-edge LED technology. White LEDs (light emitting diodes) are positioned around the rim of the panel to give a more even spread of light. This results in even lower power consumption, less heat to dissipate and a true, uniform colour range.

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.

Temperature sensor
This multi-user Touch Screen contains a temperature sensor to monitor the internal health condition. If the internal temperature surpasses the pre-set threshold, two internal fans will be automatically activated to cool down the display to normal conditions.

Slim bezel
A slim bezel design adds a stylish look to a Touch Screen to nicely blend in most environments.

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.

Full HD 1080p DISPLAY

Slim Bezel

Portrait Mounting

Lead Free

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