More audience interaction

with the robust multi touch screen 140 cm (55'') 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 closer than ever before.

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

Optimized for public viewing
- 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 to care for the environment

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

PHILIPS

sense **and** simplicity

Highlights

Capacitive Touch

The capacitive touch technology is processed in the 5 mm tempered glass. Therefore it is easy to clean and perfectly practical for public use.

2 Touch Points

Enjoy the interactivity of multi touch functionality. The robust touch screen combined with the multi touch gestures gives the ability to use versatile touch software.

Edge LED Backlight

Experience an even dispersion of light with cutting edge LED technology. White LED's (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 color 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 Touch Screen contains a temperature sensor to monitor the internal health condition. In case the internal temperature surpasses the preset threshold, automatically two internal fans will be activated to cool down the display to normal conditions.

Slim bezel

A slim bezel design adds a stylish look to a public display 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 7 and Omnitapps – BMT1909/00. Connect via USB to a PC or laptop.

Touch Table

This Multi 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.

Specifications

Picture/Display

- Diagonal screen size: 54.6 inch / 138.6 cm
- Panel resolution: 1920x1080p
- 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 (H / V): 178 / 178 degree
- Pixel pitch: 0.21 x 0.63 mm
- Display colors: 1.07 Billlion
- 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
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, Audio (L/R) x2, Composite (BNC) x1, S-video x1
- Touch Screen: USB
- Other connections: Component RCA x1

Convenience

- Placement: Portrait, Landscape, Horizontal (Table)
- 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

- Bezel thickness: 62,50 mm
- Set dimensions (W x H x D): 1350 x 815 x 74,84 mm
- Product weight: 53 kg
- VESA Mount: 400 x 400mm

Operating conditions

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

Power

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

Sound

- Built-in speakers: 2 x 12W RMS

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 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 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): 1450 x 1000 x 300
- Tare Weight: 30 kg
- Number of products included: 1

Technical specifications
Touch Screen

- 2 Touch Points simultaneously
- Capacitive touch
- USB connection
- 5 mm safety glass

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