# PHILIPS

# 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
- Designed for 24/7 operation
- One Wire
- RJ45
- Smart insert in the back cover to place a small PC
- Display Port for faster graphics support

### Lower total cost of ownership

- SmartPower for energy saving

### High picture and video quality

- 120 Hz Panel

# Highlights

### 120 Hz Panel
Enjoy stunningly clear video images thanks to the 120 Hz panel. Even fast moving action scenes can be seen without being blurred, which will enhance your viewing experience.

### 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.

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

### One Wire
Take full control of your display by running all operational commands, as well as your video signal, through just one single HDMI cable.

This unique feature makes it so much easier and more convenient to ensure the smooth running and maintenance of your display. Consumer Electronics Control (CEC) commands make finding out vital information about your display absolute child's play.

### RJ45
Simple management of your display is available thanks to the introduction of a LAN (RJ45) port. You can configure each display or find out the status of each device quickly and conveniently via an RJ45 connection.

### Smart insert
Professional PCs are part of most multi-user Touch Screen installations. Quite often they add additional depth to the public display and a lot of cable clutter. This Multi-user Touch Screen contains a Smart insert in the back

cover that will fit many professional compact PCs. In addition, it offers provisions for efficient cable management.

### 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.

Slim Bezel          Smart Insert          SmartPower                    Portrait Mounting          Lead Free

# Specifications

**Accessories**

**Included accessories:** Remote Control, Batteries for remote control, AC Power Cord, VGA cable, User manual on CD-ROM, Owner's Manual, 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 (YPbPr) x 1, Composite (RCA) x 1, Composite (BNC) x 1, S-video x 1, Audio (L/R) x 2

**AV output:** Optional DVI Out

**Other connections:** AC-out, Display Port, External loudspeaker connector

**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**

**Ease of installation:** AC Out, Carrying Handles, Smart Insert

**Energy-saving functions:** Ambient light sensor, Smart Power

**Keyboard control:** Hidden, Lockable

**Network controllable:** RJ45, RS232

**Picture in picture:** PBP, PIP, POP

**Picture performance:** Advanced colour control

**Placement:** Portrait, Landscape

**Remote control signal:** Lockable

**Safety control functions:** Heat Control, Temperature Sensor

**Screen-saving functions:** Pixel shift, Low brightness

**Dimensions**

**Bezel thickness:** 36.6 mm horizontal, 36.3 mm vertical

**Product weight:** 62 kg

**Set dimensions (W x H x D):** 1293 x 759 x 142.8 mm

**Smart Insert mount:** 300 x 320 x 64 mm

**VESA Mount:** 400 x 400 mm (Set). 100 x 100 mm (Smart insert)

**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 3 years

**Operating conditions**

**MTBF:** 60.000 hour(s)

**Relative humidity:** 10-90 %

**Temperature range (operation):** 0 – 40 ℃

**Packaging Data**

**Net weight:** 35

**Number of products included:** 1

**Packaging dimensions (W x H x D)::** 1339 x 940 x 305 mm

**Tare weight:** 8.5 kg

**Picture/Display**

**Aspect ratio:** 16:9

**Brightness:** 700 cd/m²

**Contrast ratio (typical):** 1300:1

**Diagonal screen size:** 55 inch / 140 cm

**Display colours:** 1.06 Billion colours

**Display technology:** 120 Hz Panel

**Optimum resolution:** 1920 x 1080 @ 60 Hz

**Panel resolution:** 1920 x 1080p

**Response time (typical):** 10 ms

**Viewing angle:** 178º (H)/178º (V)

**Power**

**Consumption (On mode):** Typical 214 W

**Mains power:** 90-264 VAC, 50/60 Hz

**Standby power consumption:** <1 W (Easylink and RS232 active)

**Sound**

**Built-in speakers:** 2 x 12 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 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 |

**Interactivity**

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

PHILIPS