

Philips  
LCD Touch monitor

165 cm (65")

multimedia  
Full HD

BDT6551VM



## More audience interaction

with the multi-user touch screen LCD Display

Deliver vital information or marketing messages to your audience in startling clarity. And thanks to the interactive touchscreen, you can also engage your customer much more closely than ever before.

### **Operational flexibility**

- True multi-touch with 6 simultaneous touch points
- Infrared Touch
- Software Independent
- Designed for 24/7 operation
- Smart insert in the back cover to place a small PC

### **Optimised for public viewing**

- High brightness for clearer images
- HDMI input

### **Lower total cost of ownership**

- SmartPower for energy saving

# PHILIPS

# Specifications

## Picture/Display

- Diagonal screen size: 65 inch / 165 cm
- Panel resolution: 1920 x 1080p
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 700 cd/m<sup>2</sup>
- Contrast ratio (typical): 2500:1
- Response time (typical): 8 ms
- Aspect ratio: 16:9
- Viewing angle: 178° (H)/178° (V)
- Pixel pitch: 0.744 x 0.744 mm
- Display colours: 1.06 Billion colours

## 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 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

## 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 RCA, Composite (RCA) x 1, S-video x 1, Audio (L/R) x 1
- AV output: Audio (L/R) x 2
- Other connections: AC-out, External loudspeaker connector

## Convenience

- Placement: Portrait
- Picture in picture: PBP, PIP, POP
- Screen-saving functions: Pixel shift, Low brightness
- Keyboard control: Hidden, Lockable
- Remote control signal: Lockable
- Ease of installation: AC Out, Carrying Handles, Smart Insert
- Energy-saving functions: Ambient light sensor,

## Smart Power

- Safety control functions: Heat Control, Temperature Sensor
- Picture performance: Advanced colour control
- Network controllable: RS232

## Dimensions

- Set dimensions (W x H x D): 1499 x 875 x 140.70 mm
- Bezel thickness: 32.5 mm horizontal, 28.5 mm vertical
- Product weight: 85 kg
- Smart Insert mount: 300 x 320 x 64 mm
- VESA Mount: 400 x 400 mm (Set), 100 x 100 mm (Smart insert)

## Operating conditions

- Temperature range (operation): 0 - 40 °C
- Relative humidity: 10-90 %
- MTBF: 50,000 hour(s)

## Power

- Mains power: 90-264 VAC, 50/60 Hz
- Consumption (On mode): Typical 324 W
- Standby power consumption: < 1 W

## Sound

- Built-in speakers: 2 x 12 W (8 Ohm)

## 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, Smart insert

## Miscellaneous

- Bezel: black, RAL 9005F13
- Warranty: Europe 3 years
- On-Screen Display Languages: English, French, German, Italian, Polish, Turkish, Russian, Simplified Chinese
- Regulatory approvals: CCC, CE, FCC, Class B, RoHS, UL/cUL

## Packaging Data

- Packaging dimensions (W x H x D):: 1571 x 1089 x 324 mm
- Tare weight: 8.5 kg
- Number of products included: 1

## Interactivity

- Multi-touch technology: 6 Touch points simultaneously, Infrared touch, USB connection, 6-mm safety glass

# Highlights

## 6 simultaneous touch points

Enjoy a more interactive experience with up to 6 touch points at the same time. Ideal for when you have more than one user interacting with your application simultaneously, the 6 touch points offer an extremely cost-effective solution.

## Designed for 24/7 operation

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## 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.

## High brightness

Enjoy a clearer image in areas with greater ambient brightness thanks to the 700 nit panel. Your audience can enjoy better image quality in locations that are away from direct sunlight, yet still brighter than average, optimising the viewing experience.

## Infrared Touch

With an invisible infrared grid on the top of the screen, you can enjoy amazing accuracy and fast response times, even when the screen is touched by a finger, glove or stylus. And no "ghost points".

## 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.



Issue date 2019-05-09

Version: 1.0.1

12 NC: 8670 000 86541  
EAN: 87 12581 63237 3

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