

# PHILIPS



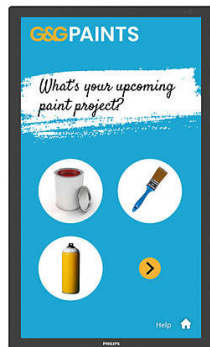
Philips Interactive  
3000 Series

Signage Solutions

24"

24/7 operation

Wave ready



24BDL3751T

## Better connected – versatile multi-touch display

Delivering 24/7 operation with 250 nits brightness, this versatile PCAP display is also designed to reduce energy consumption across the range. Engage. Inspire. Connect. With Android 13, Wave ready, and no need for an external media player.

### Wave ready

- Remote monitoring, maintenance, and management.

### 24/7 operation

- Better visibility even in bright daylight

### Wifi and Bluetooth built in

- Better connecting customers with content.

### Lower power consumption

- Supporting business sustainability and energy savings.

### Three year warranty as standard

- Activated out of the box for hassle free peace of mind.

## Highlights

### Edge to edge PCAP touch screen

A flush design with no bezel bringing an edge to edge experience augmented with anti-glare glass. Easy to clean, these interactive touch screens also feature anti-fingerprint coating.

### Flexible mounting

Install in portrait or landscape orientations, with the option to tilt to 30°, with size variants to suit a range of installation purposes. Whether on a shelf – ideal for the 24" – angled or upright for Point of Sale, configurators, order points and kiosks – with the 32" and 43" – or for wayfinding – think 55".

### 24/7 operation

With 250 cd/m2 brightness for better visibility under bright lights, the Philips Interactive 3000 Series is designed to be used 24/7, making it a

great selection for travel and transportation hubs, retail centers, food and beverage locations, and more. FailOver is also included enabling your display to switch automatically between primary and secondary inputs should an outage occur.

### Plug and play with Android 13

The ultimate in intuitive user experience, with a professional Android 13 SoC built in for easy apps and solutions integrations and no need for an external media player. Connections include Wifi and Bluetooth, as well as USB-C port.

### Wave ready

Manage your display and control content remotely with PPDS Wave Controller – your evolutionary ecosystem designed to support time, energy and cost efficiencies. Discover

software applications to support your interactive vision from our network of proven partners on the PPDS ProStore.

### Lower power consumption

Reduced power consumption compared to previous models, supporting business sustainability and energy savings.

### Wifi and Bluetooth built in

Allows seamless connectivity, enabling easily access and engagement with content.

### Three year warranty as standard

Reliable, worry-free protection for your displays, with a three-year warranty automatically in place from the start, eliminating any setup effort.



# Specifications

## Picture/Display

Diagonal screen size (metric): 60.5 cm  
 Diagonal screen size (inch): 23.8" inch  
 Aspect ratio: 16:9  
 Panel resolution: 1920 x 1080  
 Pixel pitch: 0.2745 mm  
 Optimum resolution: 1920 x 1080 @ 60 Hz  
 Display colors: 16.7 M  
 Brightness (after glass): 250 cd/m<sup>2</sup>  
 Brightness (before glass): 275 cd/m<sup>2</sup>  
 Contrast ratio (typical): 1000:1  
 Response time (typical): 8 ms  
 Viewing angle (horizontal): 178 degree  
 Viewing angle (vertical): 178 degree  
 Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, 3D MA deinterlacing, Motion compens. deinterlacing, Progressive scan  
 Panel technology: ADS  
 Operating system: Android 13  
 OS UI resolution: FHD  
 Surface treatments: Anti-Glare coating, Anti-Fingerprint coating

## Connectivity

Audio output: 3.5mm jack  
 Video input: HDMI 2.0 (x2), Display Port 1.3 (x1), USB-C (with 15W power delivery)  
 Other connections: Micro USB (x1) (OTG), USB 3.0 A (x2), USB 3.0 B (x1), Wifi: 2T/2R 2.4/5/6 GHz, Bluetooth 5.2  
 External control: Gigabit LAN RJ45, IR (in/out) 3.5 mm jack, RS232 (in/out) 2.5 mm jack

## Convenience

Placement: Landscape (24/7), Portrait (24/7), Tilted installation up to 30° backwards  
 Screen saving functions: Pixel Shift, Low Brightness  
 Keyboard control: Hidden, Lockable  
 Remote control signal: Lockable  
 Signal loop through: IR Loophrough, RS232  
 Network controllable: RS232, RJ45

## Sound

Built-in speakers: 2 x 10W

## Power

Mains power: 100 ~ 240 VAC, 50/60Hz  
 Consumption (Typical): 25 W  
 Consumption (Max): 83 W  
 Standby power consumption: <0.5W  
 Energy Label Class: G

## Supported Display Resolution

Computer formats: 720 x 400, 70Hz, 640 x 480, 60,67,75Hz, 800 x 600, 60Hz, 832 x 624, 75Hz, 1024 x 768, 60Hz, 1152 x 870, 75Hz, 1280 x 720, 60Hz, 1920 x 1080, 60Hz, 1680 x 1050, 60Hz, 3840 x 2160, 30, 60Hz  
 Video formats: 480i, 60Hz, 480p, 60Hz, 576p, 50Hz, 576i, 50Hz, 720p, 50, 60Hz, 1080i, 50, 60Hz, 1080p, 50, 60Hz, 3840 x 2160, 30, 60Hz

## Dimensions

Set Width: 570.8 mm  
 Set Height: 340.3 mm  
 Set Depth: 38.4 mm  
 Set Width (inch): 22.47" inch  
 Set Height (inch): 13.40" inch  
 Wall Mount: 200mm x 200mm , M4  
 Set Depth (inch): 1.51" inch  
 Bezel width: 21.1 mm touch black border (T/R/L/B)

## Weight

Product with packaging (kg): 6.7 kg  
 Product with packaging (lb): 14.77 lb  
 Product without packaging (kg): 4.78 kg  
 Product without packaging (lb): 10.54 lb

## Operating conditions

Altitude: 0 ~ 3000 m  
 Temperature range (operation): 0 ~ 40 °C  
 MTBF: 50,000 hour(s)  
 Temperature range (storage): -20~60 °C  
 Humidity range (operation)[RH]: 20 ~ 80% (without condensation)  
 Humidity range (storage) [RH]: 5 ~ 95% (without condensation)

## Multimedia Applications

USB Playback Video: MPEG 1/2 (1080p 60Hz), MPEG 4 (1080p 60Hz), H.263 (1080p 60Hz), H.264 (4K2K 120Hz), H.265 (4K2K 120Hz), VP8 (1080p 60Hz), VP9 (4K2K 120Hz)  
 USB Playback Picture: JPEG, PNG, BMP, WEBP  
 USB Playback Audio: AAC, HEAAC, MPEG 1/2/2.5 Layer 3, MPEG 1/2 Layer 1, MPEG 1/2 Layer 2

## Internal Player

CPU: Quad Core Cortex A55  
 GPU: Multi-Core Mali-G52  
 Memory: 4GB DDR3  
 Storage: 32 GB eMMC

## Accessories

Included Accessories: Philips logo (x1), Power supply cable (3 m), AC power adapter, Quick start guide (x1), Remote control & AAA batteries, RS232 cable (3 m) (x1), USB A to B cable (3m) (x1), Wall mount bolt x2  
 Optional accessories: Open frame kit (BM03752)  
 Stand: BM05911 (optional)

## Miscellaneous

On-Screen Display Languages: Arabic, English, French, German, Italian, Japanese, Polish, Spanish, Turkish, Russian, Simplified Chinese, Traditional Chinese, Danish, Dutch, Finnish, Norwegian, Portuguese, Swedish  
 Warranty: 3 year warranty  
 Regulatory approvals: CB, CE, FCC, Class A, RoHS, BSMI, CU, ETL, IMDA, PSB

## Interactivity

Multi-touch technology: Projected capacitive  
 Touch points: 10 simultaneous touch points  
 Plug and play: HID compliant  
 Protection glass: 1.8 mm tempered safety glass

