

Philips Signage Solutions  
Multi-Touch Display

65"

Powered by Android  
Multi-touch

65BDL3051T



## Discover a new level of interaction

using the power of android

Get even closer to your audience than ever before. Fast, precise and extremely durable, its high performance is matched by excellent reliability and functionality.

### **Innovative solutions for any signage application**

- Save and play content with internal memory
- Integrated WiFi
- Enhance your connectivity with an integrated mPCIe slot.
- Android: Run your own app or choose your favorite app to run

### **Maximizing the impact of your message**

- CMND: Take control of your displays

### **Care about you, your business and your audience**

- SmartPower for energy saving
- Simplify meetings with FailOver for conferencing

### **Supreme audience interaction**

- 10 points touch
- Experience amazing interactivity with true Multi-Touch
- Anti-glare glass with low optical parallax

# PHILIPS

# Highlights

## Plug & Play Multi-Touch



A brand new level of interactivity is now available thanks to integrated touch technology. More flexibility and optimum simultaneous touch performance coupled with excellent operability opportunities to give you the ultimate in user interaction. The Multi-Touch displays are enabled with automatic touch recognition. The USB connector is HID compliant, providing true plug-and-play operation.

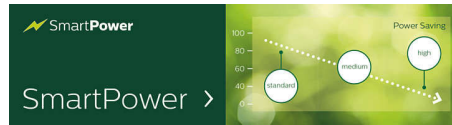
## 10 points touch

10 points touch

## Powered by Android

With Android integrated into the touch display, you can work with the most developed OS on the planet, and save your own app directly into the display. This also means, for the built-in apps, like the browser, it's touch capable right out of the box. Just connect the power and you've got immediate interactivity. You can also use the built-in scheduler to daypart your apps and content based on the time of day. And, using the auto orientation feature, switching from portrait to landscape content is as simple as turning the display.

## 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.

## WiFi

Integrated WiFi

## Internal Memory



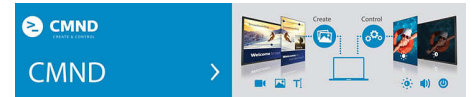
Save and play content with internal memory. Upload your media into the display and playback content immediately. Working in conjunction with the internal browser, it also serves as a memory cache when streaming online content. If the network ever fails, the internal memory keeps content running by playing a cached version of the content, ensuring that your media stays up even if the network goes down.

## Anti-glare glass

With this integrated touch display, the anti-glare glass with low optical parallax allows for the most immersive touch experience. With little to no glare and low reflection on the

display, images are crystal clear with pure color and great clarity.

## CMND



A robust display management platform, CMND puts the power back into your hands. Update and manage content with CMND & Create or control your settings with CMND & Control. It's all possible with CMND.

## FailOver for Meeting Rooms

Using FailOver, simplify your presentations and videoconferencing. When a meeting or conference room is not in use, background content can run from whatever input source you choose. When the meeting starts and you need to share a presentation or your screen, simply connect your computer and the display automatically switches inputs and shows what's on your screen, with no need to manually switch inputs.

## PCI Slot

With an integrated PCI slot, you can connect a WiFi/bluetooth or 4G LTE module, allowing for even greater communication with the display. Machine to machine communication is also enhanced, with numerous configurations available for customers to use, such as the ability to expand product features or signal-handling capability.

# Specifications

## Connectivity

- Audio output: Audio Left/Right (RCA)
- Video input: DisplayPort (1.2), HDMI (x2), DVI-D, USB, VGA (via DVI)
- Audio input: Audio Left/Right (RCA), 3.5 mm jack
- Other connections: USB, micro SD, micro USB, mPCIe, OPS, USB power outlet (5 V, 2 amp)
- Video output: DisplayPort, DVI-I, DVI, VGA (via DVI)
- External control: RJ45, IR (in/out) 3.5 mm jack, RS232C (in/out) 2.5 mm jack

## Picture/Display

- Diagonal screen size (metric): 163.9 cm
- Diagonal screen size (inch): 65 inch
- Aspect ratio: 16:9
- Panel resolution: 1920x1080p
- Pixel pitch: 0.74 x 0.74 mm
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 350 cd/m<sup>2</sup>
- Display colors: 16.7 million
- Contrast ratio (typical): 4000:1
- Dynamic contrast ratio: 500,000:1
- 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, Motion compens. deinterlacing, Progressive scan, 3D MA deinterlacing, Dynamic contrast enhancement
- Surface treatment: Anti-Glare coating
- Panel technology: VA

## Convenience

- Placement: Landscape (16/7), Portrait (12/7)
- Picture in picture: PIP
- Screen saving functions: Pixel Shift, Low Brightness
- Keyboard control: Hidden, Lockable
- Remote control signal: Lockable
- Signal loop through: RS232, VGA, IR Loophrough, DisplayPort, DVI
- Ease of installation: Smart Insert
- Energy saving functions: Smart Power
- Other convenience: Carrying handles
- Picture performance: Advanced color control
- Network controllable: RS232, RJ45, One Wire (HDMI-CEC), HDMI (One Wire)
- Memory: 16GB eMMC

## Sound

- Built-in speakers: 2 x 10W RMS

## Power

- Mains power: 100 ~ 240 VAC, 50 ~ 60 Hz
- Consumption (On mode): 147 W
- Standby power consumption: <math>\leq 0.5\text{W}</math>
- Power Saving Features: Smart Power

## Supported Display Resolution

- Computer formats: 640 x 480, 60, 67, 72, 75Hz, 1024 x 768, 60Hz, 1280 x 768, 60Hz, 1280 x 800, 60Hz, 1280 x 1024, 60Hz, 1360 x 768, 60Hz, 1600 x 1200, 60Hz, 1920 x 1080, 60Hz, 1920 x 1200, 60Hz, 720 x 400, 70Hz, 800 x 600, 60, 72, 75Hz
- Video formats: 480p, 60Hz, 576p, 50Hz, 720p, 50, 60Hz, 1080p, 50, 60Hz, 1080i, 25, 30Hz, 480i, 30, 60Hz, 576i, 25, 50Hz

## Dimensions

- Smart Insert mount: 100 x 100 mm, 100 x 200 mm
- Set Width: 1492.40 mm
- Product weight: 43.1 kg
- Set Height: 867.40 mm
- Set Depth: 99.8 mm
- Set Width (inch): 58.76 inch
- Set Height (inch): 34.15 inch
- Wall Mount: 400 x 400 mm, M6
- Set Depth (inch): 3.93 inch
- Bezel width: 29.2 mm
- Product weight (lb): 95 lb

## Operating conditions

- Altitude: 0 ~ 3000 m
- Temperature range (operation): 5 ~ 40 °C
- MTBF: 50,000 hour(s)
- Relative humidity: 20 ~ 80 %
- Temperature range (storage): -20 ~ 60 °C

## Multimedia Applications

- USB Playback Video: M2TS, M4V, MK3D, MKV, MP4, MPEG, MPG, MTS, TS, TTS, VOB, WMV
- USB Playback Picture: BMP, GIF, JPEG, JPG, PDF
- USB Playback Audio: AAC, AIF, AIFF, ASF, LPCM, M3U, M4A, MP3, MP4, WAV, WMA

## Internal Player

- CPU: Quad Core Cortex A9 1.8GHz
- GPU: ARM Mali400 Quad Core 533MHz

- Memory: 2GB DDR3
- Storage: 16GB EMMC

## Accessories

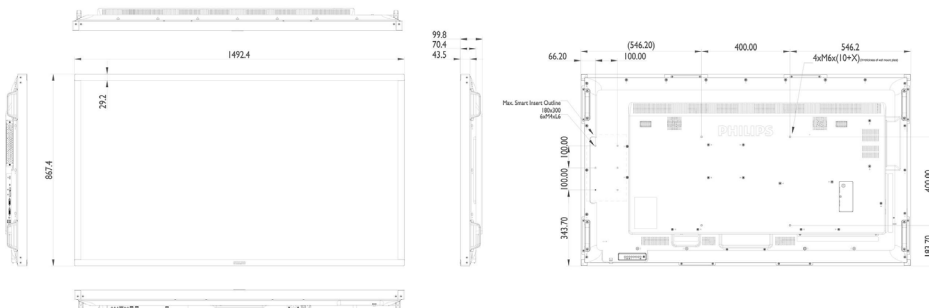
- Included accessories: AC Power Cord, RS232 cable, USB cable, Remote Control, Batteries for remote control, Quick start guide
- Optional accessories: ColourCalibrationKit (CCK4602), HDBaseT OPS Receiver (CRD25), Table top stand
- Stand: BMO5922 (Optional)

## 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: CE, FCC, Class B, UL/cUL, RoHS, CB, C-Tick, EnergyStar 7.0, GOST, BSMI

## Interactivity

- Multi-touch technology: Infrared touch
- Touch points: 10 simultaneous touch points
- Plug and play: HID compliant
- Protection glass: 5 mm tempered safety glass, Anti-Glare, Anti-Reflective



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