

Philips Signage Solutions  
Multi-Touch Display

65"

Powered by Android  
Multi-touch

65BDL3052T



## Engage them

20-point Multi-Touch display.

Inspire collaboration. Deliver information. This responsive Philips Multi-Touch Professional 4K UHD Display is ideal for multi-finger, multi-user applications, from wayfinding to presentations. Up to 20 touch points can be active at once.

### **Versatile system solution**

- Energy-saving automatic backlight control
- OPS slot allows for PC embedding without cabling
- Internal memory. Upload content for instant play

### **Effortless setup. Total control.**

- Operate, monitor and maintain with CMND and Control
- CMND and Create. Develop and launch your own content
- CMND & Deploy. Install and launch apps remotely

### **Superb picture. Responsive touchscreen.**

- 4K UHD. Rich, deep images. Stunning contrast
- Android SoC processor. Native and web apps
- Plug-and-play 20-point Multi-Touch display

# PHILIPS

# Highlights

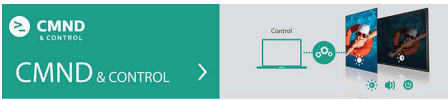
## Powered by Android

Control your display via an Internet connection. Android-powered Philips Professional Displays are optimised for native Android apps and you can install web apps directly to the display too. A new Android OS ensures the software is kept secure and stays up to date with the latest specification for longer.

## CMND & Deploy

Quickly install and launch any app - even when you're off site and working remotely. CMND & Deploy lets you add and update your own apps, as well as apps from the Philips Professional Display App Store. Simply scan the QR code, log in to the store and click on the app you want to install. The app will be automatically downloaded and launched.

## CMND and Control



Run your display network over a local (LAN) connection. CMND and Control allows you to

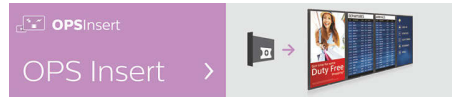
perform vital functions like controlling inputs and monitoring display status. Whether you're in charge of one screen or 100.

## CMND and Create



Take control of your content with CMND and Create. A drag-and-drop interface makes it simple to publish your own content, whether it's a daily specials board or branded corporate information. Preloaded templates and integrated widgets ensure that your stills, text and video will be up and running in no time.

## OPS slot



Integrate a full-power PC or Android-powered CRD50 module directly into your Philips Professional Display. The OPS slot contains all the connections you need to run your slot-in solution, including a power supply.

## Internal memory

Save and play content without the need for a permanent external player. Your Philips professional display has an internal memory, which allows you to upload media into the display for instant playback. The internal memory also functions as a cache for online streaming.

## Energy saving

Energy-saving automatic backlight control

## 4K UHD. Rich, deep images

4K UHD. Rich, deep images. Stunning contrast

## Plug-and-play 20

Plug-and-play 20-point Multi-Touch display

# Specifications

## Connectivity

- Audio output: Audio Left/Right (RCA)
- Video input: HDMI (x4), VGA (Analogue D-Sub), DisplayPort
- Audio input: 3.5 mm jack
- Other connections: USB, micro SD, micro USB, OPS, USB power outlet (5 V, 2 amp), mPCIe
- 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): 64.5 inch
- Aspect ratio: 16:9
- Panel resolution: 3840 x 2160
- Pixel pitch: 0.372 x 0.372 mm
- Optimum resolution: 3840 x 2160 @ 60 Hz
- Brightness: 350 cd/m<sup>2</sup>
- Display colours: 1.07 Billion
- 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
- Operating system: Android 5.0.1

## Convenience

- Placement: Landscape (18/7)
- Picture in picture: PIP
- Screen-saving functions: Pixel Shift, Low Brightness
- Keyboard control: Hidden, Lockable
- Remote control signal: Lockable
- Signal loop through: IR Loop through
- Ease of installation: Smart Insert
- Energy-saving functions: Smart Power

- Other convenience: Carrying handles
- Picture performance: Advanced colour control
- Network controllable: RS232, RJ45, One Wire (HDMI-CEC), HDMI (One Wire)
- Memory: 2 GB DDR3/ 8 GB eMMC

## Sound

- Built-in speakers: 2 x 10 W RMS

## Power

- Mains power: 100 ~ 240 VAC, 50 ~ 60 Hz
- Consumption (On mode): 186 W
- Consumption (Typical): 165 W
- Standby power consumption: <math>\leq 0.5</math> W
- Power Saving Features: Smart Power
- Energy Label Class: G

## Supported Display Resolution

- Computer formats: 1920 x 1080, 60 Hz, 1360 x 768, 60 Hz, 1280 x 768, 60 Hz, 1280 x 800, 60 Hz, 1280 x 1024, 60 Hz, 720 x 400, 70 Hz, 1024 x 768, 60, 75 Hz, 3840 x 2160, 60 Hz, 640 x 480, 60, 72, 75 Hz, 800 x 600, 60, 75 Hz
- Video formats: 1080p, 50, 60 Hz, 1080i, 25, 30 Hz, 720p, 50, 60 Hz, 576i, 25, 50 Hz, 480i, 30, 60 Hz, 2160p, 30, 50, 60 Hz, 480p, 30, 60 Hz, 576p, 25, 50 Hz

## Dimensions

- Smart Insert mount: 100 x 200 mm
- Set Width: 1475.4 mm
- Product weight: 40.58 kg
- Set Height: 850.4 mm
- Set Depth: 101.0 mm
- Set Width (inch): 58.09 inch
- Set Height (inch): 33.48 inch
- Wall Mount: 400(H)x400(V), M6
- Set Depth (inch): 3.98 inch
- Bezel width: 21.0 mm
- Product weight (lb): 89.46 lb

## Operating conditions

- Altitude: 0 ~ 3000 m
- Temperature range (operation): 0 ~ 40 °C
- MTBF: 50,000 hour(s)
- Relative humidity: 20–80% (Operational), 10–90% (Storage) %
- Temperature range (storage): -20 ~ 60 °C

## Multimedia Applications

- USB Playback Video: MKV, MP4, MPEG, MPG, TS, VOB, WMV, ASF, AVI, DAT, FLV, WEBM
- USB Playback Picture: BMP, JPEG, JPG, PNG
- USB Playback Audio: AAC, M4A, MP3, WMA

## Internal Player

- CPU: Quad Core Cortex A9 1.8 GHz
- GPU: ARM Mali400 Quad Core 533 MHz
- Memory: 2 GB DDR3
- Storage: 8 GB eMMC

## Accessories

- Included accessories: AC Power Cord, RS232 cable, Remote Control, Batteries for remote control, Quick start guide, HDMI cable, IR sensor cable (1.8 M)
- Included Accessories: RS232 daisy-chain cable, USB Cover and screw x 1
- Stand: BM05922 (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, CCC, CECP, EPEAT, EUP

# Specifications

## Interactivity

- Multi-touch technology: Infrared touch
- Touchpoints: 20 simultaneous touch points
- Plug and play: HID compliant
- Protection glass: 5 mm tempered safety glass, Anti-Glare, Anti-Reflective



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