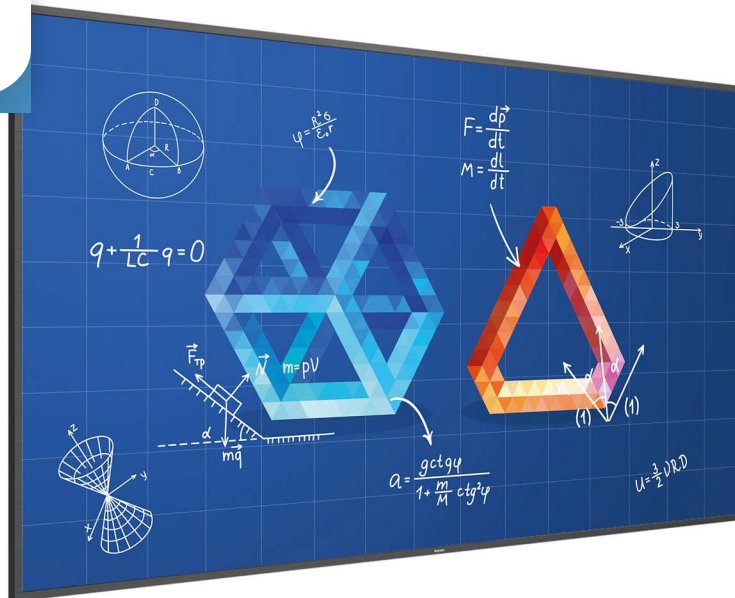


# PHILIPS



Interactive  
whiteboard

Signage Solutions

75"

Powered by Android

Multi-touch



75BDL3652T

## Interactive classroom display

Featuring multi-touch technology

Maximise engagement and inspire collaboration with an interactive Philips T-Line display. Featuring an anti-glare toughened glass, these Android powered displays are made to withstand heavy daily usage and feature up to 20 touchpoints

### Smart and powerful

- Anti-glare toughened glass
- OPS slot allows for PC embedding without cabling
- Whiteboard mode built-in
- Wireless screen sharing & advanced collaboration
- 0-gap touch frame

### Interactive and collaborative

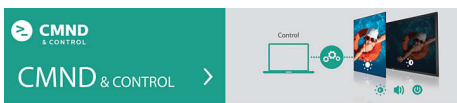
- Operate, monitor and maintain with CMND & Control
- Multi-touch technology capable of 20 touchpoints
- Advanced IR touch with smaller, shallower bezels
- Android: Run your own app or choose your favorite app to run

## Highlights

### Powered by Android

With Android OS integrated into the display, you can work with the most developed OS on the planet and save your own app directly into the display. Or, choose from the large library of Android apps and play content from there. With the built-in scheduler, you can daypart your apps and content based on your customer and time of day and with the auto orientation feature, showing content in portrait or landscape is as simple as turning the display.

### CMND & Control

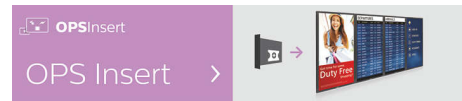


Run your display network over a local (LAN) connection. CMND & Control allows you to perform vital functions like controlling inputs and monitoring display status. Whether you're in charge of one screen or 100.

### Multi-touch technology

Create a memorable interactive experience with up to 20 touchpoints at the same time. Perfect for collaborative and competitive applications, this display connects your audience with any content - making it ideal for education, public venues, corporate, hospitality, and retail settings. The touch panel is HID compliant, providing true plug-and-play operation.

### 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.

### Whiteboard mode built-in

Inspire agile collaboration with whiteboard mode. Simply activate this feature to turn your display into a blank canvas that can be drawn on by multiple users by hand or with dedicated display markers. Everything on screen can then be captured for easy printing or file sharing.

### Wireless screen sharing

Display four feeds on the one screen. Wireless screen sharing allows you to connect multiple devices at the same time for quick content switching when you need it. Use your existing Wi-Fi network to instantly and securely connect devices, or use our optional HDMI interact dongles to cast directly to the screen without needing to connect to your secured/protected network.

# Specifications

## Picture/Display

Diagonal screen size (metric): 189.3 cm  
 Diagonal screen size (inch): 74.5 inch  
 Aspect ratio: 16:9  
 Panel resolution: 3840 x 2160  
 Pixel pitch: 0.4296 x 0.4296 mm  
 Optimum resolution: 3840 x 2160 @ 60Hz  
 Brightness: 420 cd/m<sup>2</sup>  
 Display colors: 1.07Billion  
 Contrast ratio (typical): 1200:1  
 Dynamic contrast ratio: 500,000:1  
 Response time (typical): 9 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: IPS  
 Operating system: Android 9

## Connectivity

Audio output: 3.5mm Jack (x2)  
 Video input: Display Port1.2 (x1), DVI-I (x 1), HDMI 2.0 (x4), USB 2.0 (x2), USB 3.0 (x2), USB-C  
 Audio input: 3.5mm Jack (x1)  
 Other connections: OPS, micro SD  
 Video output: DisplayPort 1.2 (x1), DVI - D (x1), HDMI 2.0 (x2), USB 2.0 (x2)  
 External control: IR (in/out) 3.5 mm jack, RJ45, RS232C (in/out) 2.5 mm jack

## Convenience

Placement: Portrait (12/7), Landscape (18/7)  
 Screen saving functions: Pixel Shift, Low Brightness  
 Keyboard control: Hidden, Lockable  
 Remote control signal: Lockable  
 Signal loop through: DisplayPort, RS232, IR Loopthrough  
 Ease of installation: Smart Insert  
 Energy saving functions: Smart Power  
 Other convenience: Carrying handles  
 Picture performance: Advanced color control  
 Network controllable: RS232, RJ45

## Sound

Built-in speakers: 2 x 20W RMS

## Power

Mains power: 100 ~ 240 VAC, 50/60Hz  
 Consumption (Typical): 190 W  
 Consumption (Max): 380 W  
 Standby power consumption: <math>0.5W</math>  
 Power Saving Features: Smart Power  
 Energy Label Class: G

## Supported Display Resolution

Computer formats: 640 x 350, 70Hz, 640 x 480, 60, 67, 72, 75Hz, 800 x 600, 56, 60, 72, 75Hz, 832 x 624, 75Hz, 848 x 480, 60Hz, 960x720, 75Hz, 1024x768, 60,70Hz, 1152 x 864, 60, 70, 75Hz, 1152 x 900, 66Hz, 1280 x 720, 60,70Hz, 1280 x 768, 60Hz, 75Hz, 1280 x 800, 60,75Hz, 1280 x 960, 60Hz, 1280x1024, 60,67,75Hz, 1360 x 768, 60Hz, 1366 x 768, 60Hz, 1400 x 1050 ,60, 75Hz, 1440 x 900, 60, 75Hz, 1440 x 1050, 60Hz, 1600 x 900, 60Hz, 1600 x 1200, 60Hz, 1680 x 1050, 60Hz, 1920 x 1080, 60Hz, 1920 x 1200, 60Hz, 3840 x 2160, 24,25,30,60Hz  
 Video formats: 480p, 60Hz, 576p, 50Hz, 720p, 60Hz, 720p, 50, 60Hz, 1080i, 50, 60Hz, 1080p, 50, 60Hz, 4K x 2K

## Dimensions

Smart Insert mount: 100mm x 100mm, 6xM4L6  
 Set Width: 1715.50 mm  
 Product weight: 53.0 kg  
 Set Height: 993.70 mm  
 Set Depth: 80.8mm(D@wall mount) / 108.7(D@speaker cover) mm  
 Set Width (inch): 67.54 inch  
 Set Height (inch): 39.12 inch  
 Wall Mount: 600(H)x400(V) mm, M8  
 Set Depth (inch): 3.18(D@wall mount) /4.28 (D@speaker cover) inch  
 Bezel width: 17.8 mm(even)  
 Product weight (lb): 116.85 lb

## Operating conditions

Altitude: 0 ~ 3000 m  
 Temperature range (operation): 0 ~ 40 °C  
 MTBF: 50,000 hour(s)  
 Relative humidity: 20 ~ 80%(Operational),5 - 95% (Storage) %  
 Temperature range (storage): -20 ~ 60 °C

## Multimedia Applications

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

## Internal Player

CPU: MTK5680  
 GPU: DDR4 4GB  
 Memory: 4GB RAM  
 Storage: 32 GB eMMC  
 Wifi: AP(WCOSR2511-88112BU), STA(WCT5GM2511MT7668AU)

## Accessories

Included Accessories: Cleaning cloth (x1), DVI-D cable (1.8m ), M2 Screw (x2), M3 screw (x2), Philips logo (x1), RS232 daisy-chain cable, Touch Pen (x2), Touch USB (x1), USB Cover (x1), AC power cord, Batteries for remote control, HDMI cable, IR sensor cable (1.8 m) (x1), Quick start guide (x1), Remote control (x1), RS232 cable  
 Optional accessories: Interact dongles

## Miscellaneous

On-Screen Display Languages: Arabic, Dutch, Danish, English, French, Finnish, German, Italian, Japanese, Norwegian, Polish, Portuguese, Russian, Spanish, Swedish, Simplified Chinese, Turkish, Traditional Chinese  
 Warranty: 5 year warranty  
 Regulatory approvals: CE, FCC, Class A, RoHS, CB, BSMI, EAC, EMF, PSB, ETL

## Interactivity

Multi-touch technology: 0-gap Infrared touch  
 Touch points: 20 simultaneous touch points  
 Plug and play: HID compliant  
 Protection glass: Anti-Glare, Tempered safety glass

