

Interactive  
whiteboard

Signage Solutions

75"

Powered by Android

Multi-touch



75BDL3552T

## 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
- Android: Run your own app or choose your favorite app to run

### Interactive and collaborative

- Operate, monitor and maintain with CMND & Control
- Multi-touch technology capable of 20 touchpoints
- Advanced IR touch with smaller, shallower bezels

## Highlights

### 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.

### CMND & Control

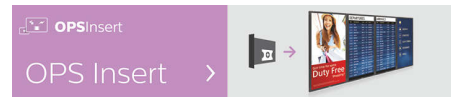


Run your display network over a local (LAN) connection. CMND & Control allows you to perform vital functions like controlling inputs and monitoring display status. Whether you're in charge of one screen or 100.

### 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.

### 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.

### 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.

### 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.



## 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 Port 1.2 (x1), DVI-I (x 1), USB 2.0 (x2), USB 3.0 (x2), USB-C, HDMI 2.0 (x4)

**Audio input:** 3.5mm Jack (x1)

**Other connections:** OPS, micro SD

**Video output:** DisplayPort 1.2 (x1), DVI - D (x1), USB 2.0 (x2), HDMI 2.0 (x2)

**External control:** IR (in/out) 3.5 mm jack, RJ45, RS232C (in/out) 2.5 mm jack

### Convenience

**Placement:** Landscape (18/7), Portrait (12/7)

**Screen saving functions:** Pixel Shift, Low Brightness

**Keyboard control:** Hidden, Lockable

**Remote control signal:** Lockable

**Signal loop through:** IR Loophthrough, DisplayPort, RS232

**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:** <0.5W

**Power Saving Features:** Smart Power

**Energy Label Class:** G

### Supported Display Resolution

**Computer formats:** 1600 x 1200, 60Hz, 1360 x 768, 60Hz, 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, 1366 x 768, 60Hz, 1400 x 1050 ,60, 75Hz, 1440 x 1050, 60Hz, 1440 x 900, 60, 75Hz, 1600 x 900, 60Hz, 1680 x 1050, 60Hz, 1920 x 1080, 60Hz, 1920 x 1200, 60Hz, 3840 x 2160, 24,25,30,60Hz, 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

**Video formats:** 1080p, 50, 60Hz, 720p, 50, 60Hz, 1080i, 50, 60Hz, 480p, 60Hz, 4K x 2K, 576p, 50Hz, 720p, 60Hz

# Specifications

## 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:** 16.30 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, MPG, TS, VOB, MPEG, 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(WC0SR2511-88112BU), STA(WCT5GM2511MT7668AU)

## Accessories

**Included accessories:** AC Power Cord, RS232 cable, Remote Control, Batteries for remote control, Quick start guide, HDMI cable, IR sensor cable (1.8M)

**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)

**Optional accessories:** Cast to dangle

## Miscellaneous

**On-Screen Display Languages:** Arabic, English, French, German, Italian, Japanese, Polish, Spanish, Turkish, Russian, Simplified Chinese, Traditional Chinese, Portuguese, Danish, Dutch, Finnish, Norwegian, Swedish

**Warranty:** 3 year warranty

**Regulatory approvals:** CE, BSMI, CB, EMF, ETL, FCC, Class A, PSB, RoHS, EAC

## Interactivity

**Multi-touch technology:** Advanced infrared touch

**Touch points:** 20 simultaneous touch points

**Plug and play:** HID compliant

**Protection glass:** Anti-Glare, Tempered safety glass

PHILIPS 75BDL3552T  
 Version: 1.1  
 Release Date: 20/11/2020

