

Philips Signage Solutions
Interactive whiteboard

75"

Powered by Android
Multi-touch

SignageSolutions



75BDL3552T

Interactive classroom display

Featuring multi-touch technology

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

Interactive and collaborative

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

Smart and powerful

- Anti-glare toughened glass
- OPS slot allows for PC embedding without cabling
- Whiteboard mode built in
- Wireless screen sharing and advanced collaboration
- Android: Run your own app or choose your favourite app to run

PHILIPS

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 and Control

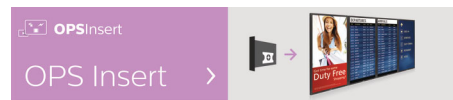


Run your display network over a local (LAN) connection. CMND and Control allows you to perform vital functions like controlling inputs and monitoring display status. Whether you're in charge of one screen or 100.

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 the 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: 74.5 inch / 189.3 cm
- Panel resolution: 3840 x 2160
- Optimum resolution: 3840 x 2160 @ 60 Hz
- Brightness: 420 cd/m²
- Contrast ratio (typical): 1200:1
- Dynamic contrast ratio: 500,000:1
- Surface treatment: Anti-Glare coating
- Aspect ratio: 16:9
- Response time (typical): 9 ms
- Pixel pitch: 0.4296 x 0.4296 mm
- Display colours: 1.07 billion
- Viewing Angle (H / V): 178 / 178 degree
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Motion compens. deinterlacing, Progressive scan, 3D MA deinterlacing, Dynamic contrast enhancement
- Panel technology: IPS
- Operating system: Android 9

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

Connectivity

- Video input: Display Port 1.2 (x 1), DVI-I (x 1), USB 2.0 (x 2), USB 3.0 (x 2), USB-C, HDMI 2.0 (x 4)
- Audio input: 3.5 mm Jack (x 1)
- Audio output: 3.5 mm Jack (x 2)
- Other connections: OPS, micro SD
- External control: IR (in/out) 3.5 mm jack, RJ45, RS232C (in/out) 2.5 mm jack
- Video output: DisplayPort 1.2 (x 1), DVI - D (x 1), USB 2.0 (x 2), HDMI 2.0 (x 2)

Supported Display Resolution

• Computer formats

Resolution	Refresh rate
1600 x 1200	60 Hz
1360 x 768	60 Hz
1024 x 768	60, 70 Hz
1152 x 864	60, 70, 75 Hz
1152 x 900	66 Hz
1280 x 720	60, 70 Hz
1280 x 768	60 Hz, 75 Hz
1280 x 800	60, 75 Hz
1280 x 960	60 Hz

1280 x 1024	60, 67, 75 Hz
1366 x 768	60 Hz
1400 x 1050	60, 75 Hz
1440 x 1050	60 Hz
1440 x 900	60, 75 Hz
1600 x 900	60 Hz
1680 x 1050	60 Hz
1920 x 1080	60 Hz
1920 x 1200	60 Hz
3840 x 2160	24, 25, 30, 60 Hz
640 x 350	70 Hz
640 x 480	60, 67, 72, 75 Hz
800 x 600	56, 60, 72, 75 Hz
832 x 624	75 Hz
848 x 480	60 Hz
960 x 720	75 Hz

• Video formats

Resolution	Refresh rate
1080p	50, 60 Hz
720p	50, 60 Hz
1080i	50, 60 Hz
480p	60 Hz
4K x 2K	
576p	50 Hz
720p	60 Hz

Convenience

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

Dimensions

- Bezel width: 16.30 mm (even)
- Set dimensions (W x H x D): 1715.50 x 993.70 x 80.8 mm (D@wall mount) / 108.7 mm (D@speaker cover) mm
- Set dimensions in inch (W x H x D): 67.54 x 39.12 x 3.18" (D@wall mount) / 4.28" (D@speaker cover) inch
- Wall Mount: 600(H)x400(V) mm, M8
- Product weight: 53.0 kg

- Product weight (lb): 116.85 lb
- Smart Insert mount: 100 mm x 100 mm, 6 x M4L6

Sound

- Built-in speakers: 2 x 20 W RMS

Operating conditions

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

Power

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

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: Cleaning cloth (x 1), DVI-D cable (1.8 m), M2 Screw (x 2), M3 screw (x 2), Philips logo (x 1), RS232 daisy-chain cable, Touch Pen (x 2), Touch USB (x 1), USB Cover (x 1)
- Optional accessories: Cast to dongle

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
- Regulatory approvals: CE, BSMI, CB, EMF, ETL, FCC, Class A, PSB, RoHS, EAC
- Warranty: 3 year warranty

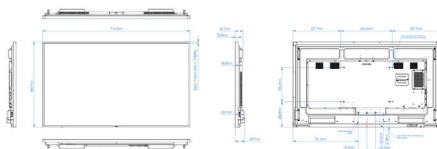
Multimedia Applications

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

Internal Player

- CPU: MTK5680
- Memory: 4 GB RAM
- Storage: 32 GB eMMC
- Wi-Fi: AP(WC0SR2511-88112BU), STA(WCT5GM2511MT7668AU)
- GPU: DDR4 4 GB

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