Philips Signage Solutions
Interactive whiteboard

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
- Android SoC processor. Native and web apps
- Whiteboard mode built-in
- Wireless screen sharing & advanced collaboration

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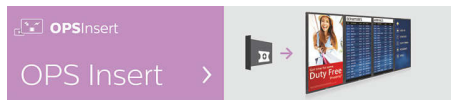- Advanced IR touch with smaller, shallower bezels

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Highlights

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.

Advanced IR touch
Advanced IR touch with smaller, shallower bezels

Anti-glare toughened glass
Anti-glare toughened glass

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.

Powered by Android
Control your display via an Internet connection. Android-powered Philips Professional Displays are optimized 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 remain to the latest specification for longer.

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

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: micro SD, OPS
- Video output: DisplayPort 1.2 (x1), DVI - D (x1), HDMI 2.0 (x1), USB 2.0 (x2)
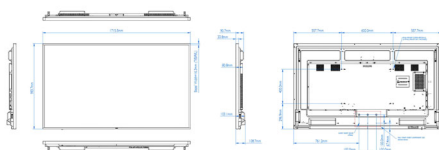- External control: IR (in/out) 3.5 mm jack, RJ45, RS232C (in/out) 2.5 mm jack

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/m²
- Display colors: 1.07Billon
- 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,

PHILIPS 75BDL3552T
Version: 1.1
Release Date: 2019/12/20

Specifications

Progressive scan, 3D MA deinterlacing, Dynamic contrast enhancement
- Surface treatment: Anti-Glare coating
- Panel technology: IPS
- Operating system: Android 9

Convenience
- Placement: Landscape (18/7)
- Screen saving functions: Pixel Shift, Low Brightness
- Keyboard control: Hidden, Lockable
- Remote control signal: Lockable
- Signal loop through: IR Loopthrough, 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

Supported Display Resolution
- Computer formats: 1360 x 768, 60Hz, 1600 x 1200, 60Hz, 1920 x 1080, 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 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

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: 30,000 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 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
- Warranty: 3 year warranty
- Regulatory approvals: CE, BSMI, CB, EAC, EMF, ETL, FCC, Class A, PSB, RoHS

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

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