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 HE IR touch with smaller, shallower bezels
- Operate, monitor and maintain with CMND and Control

Smart and powerful
- Anti-glare toughened glass
- Android SoC processor. Native and web apps
- OPS slot allows for PC embedding without cabling
- Whiteboard mode built in
- Wireless screen sharing and advanced collaboration

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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.

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 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 one screen. Wireless screen sharing allows you to connect up to 32 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 CastTo dongles to cast directly to the screen without needing to connect to your secured/ protected network.

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: 350 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): 8 ms
- Pixel pitch: 0.429 x 0.429 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: Infrared touch
- Touch points: 20 simultaneous touch points
- Plug and play: HID compliant
- Protection glass: Anti-Glare, Anti-Reflective, Tempered safety glass

Connectivity
- Video input: HDMI (x4), DisplayPort, DVI, USB-C, VGA (Analogue D-Sub)
- Audio input: 3.5 mm jack
- Audio output: Audio Left/Right (RCA)
- Other connections: OPS, micro SD, micro USB, mPCIe, USB
- External control: IR (in/out) 3.5 mm jack, RJ45, RS232C (in/out) 2.5 mm jack

Supported Display Resolution
- Computer formats

Resolution	Refresh rate
3840 x 2160	25,30,50 Hz
1920 x 1080	25,30,50 Hz
1600 x 1200	60 Hz
1360 x 768	60 Hz
1280 x 1024	60 Hz
1280 x 800	60 Hz
1280 x 768	60 Hz
1024 x 768	60, 75 Hz
800 x 600	60, 75 Hz
720 x 400	70 Hz
640 x 480	60, 72, 75 Hz

- Video formats

Resolution	Refresh rate
2160p	30, 50, 60 Hz
1080p	50, 60 Hz
1080i	25, 30 Hz
720p	50, 60 Hz
576i	25, 50 Hz
576p	25, 50 Hz
480i	30, 60 Hz
480p	30, 60 Hz

Convenience
- Placement: Landscape, Portrait
- Signal Loop Through: IR Loop through
- Network controllable: RS232, RJ45, HDMI (One Wire), One Wire (HDMI-CEC)
- 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
- Memory: 4 GB DDR3/ 32 GB eMMC

Dimensions
- Bezel width: 16.30 mm(even)
- Set dimensions (W x H x D): 1715.50 x 993.70 x 80.80(@wall mount), 108.70(@max) mm
- Set dimensions in inch (W x H x D): 67.54 x 39.12 x 3.18(@wall mount), 4.28(@max) inch
- VESA Mount: 600(H)x400(V) mm, M8
- Product weight: 53.0 kg
- Product weight (lb): 116.85 lb
- Smart Insert mount: 6*M4*L6(200x100)

Sound
- Built-in speakers: 2 x 20 W RMS

Operating conditions
- Temperature range (operation): 0 ~ 40 °C
- Relative humidity: 20–80% (Operational), 10–90% (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): 159.8 W
- Power Saving Features: Smart Power
- Max Power consumption (W): 310 W

Accessories
- Included accessories: AC Power Cord, RS232 cable, USB cable, Remote Control, Batteries for remote control, Quick start guide, HDMI cable, IR sensor cable (1.8 M)
- Included Accessories: Passive stylus X2
- Optional accessories: CastTo dongle

Miscellaneous
- On-Screen Display Languages: Arabic, English, French, German, Italian, Japanese, Polish, Spanish, Turkish, Russian, Simplified Chinese, Traditional Chinese, Portuguese
- Regulatory approvals: CE, BSMI, CB, EPA, FCC, Class B
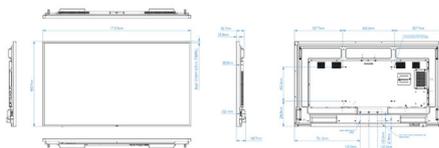- Warranty: 3 year warranty

Multimedia Applications
- USB Playback Audio: AAC, M4A, MP3, WMA
- USB Playback Picture: BMP, JPEG, JPG, PNG
- USB Playback Video: 3GP, ASF, AVI, DAT, FLV, MKV, MOV, MP4, MPG, TS, VOB, WMV3

Internal Player
- CPU: MTK5680
- Memory: 4 GB RAM
- Storage: 32 GB eMMc
- Wi-Fi: 2G/5G 2T2R, 802.11 a/b/g/n/ac dual band

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

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