



# 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 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.

## CMND & Control

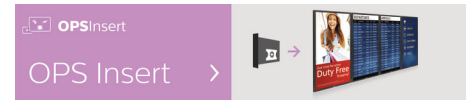


Run your display network over a local (LAN) connection. CMND & Control allows you to perform vital functions like controlling inputs and monitoring display status. Whether you're in charge of one screen or 100.

## 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 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 @ 60Hz
- Brightness: 350 cd/m<sup>2</sup>
- Contrast ratio (typical): 1000:1
- 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 colors: 1.07Billion
- 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 (Analog 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	60Hz
1360 x 768	60Hz
1280 x 1024	60Hz
1280 x 800	60Hz
1280 x 768	60Hz
1024 x 768	60, 75Hz
800 x 600	60, 75Hz

720 x 400	70Hz
640 x 480	60, 72, 75Hz

• Video formats

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

## Convenience

- Placement: Landscape, Portrait
- Signal Loop Through: IR Loophthrough
- Network controllable: RS232, RJ45, HDMI (One Wire), One Wire (HDMI-CEC)
- Picture performance: Advanced color 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: 4GB DDR3/ 32GB 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 20W 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, 50/60Hz
- Standby power consumption: <0.5W
- 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 (1.8M)
- 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

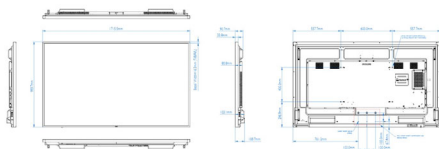
## Multimedia Applications

- 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: 4GB RAM
- Storage: 32 GB eMMC
- Wifi: 2G/5G 2T2R, 802.11 a/b/g/n/ac dual band

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



Issue date 2020-06-11

Version: 1.0.1

12 NC: 8670 001 66458  
EAN: 87 12581 76597 2

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