

# PHILIPS



C-Line Display

Signage Solutions

86"

Powered by Android

350cd/m<sup>2</sup>



86BDL6051C

## Interactive meeting display

high-end capacitive multi-touch technology

Maximise engagement and inspire collaboration with an interactive Philips C-Line display. These Android powered displays are made to withstand heavy daily usage, and feature up to 10 touchpoints, edge-to-edge glass and flush design.

### 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
- Fast and easy video conferencing
- Install and use your preferred apps and features
- Crestron Connected certified

### Interactive and collaborative

- Operate, monitor and maintain with CMND & Control
- HID Capacitive Touch with USB Plug & Play
- Wireless screen sharing & advanced collaboration

# Highlights

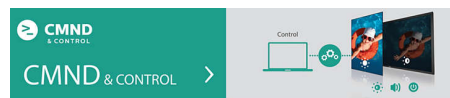
## Wireless screen sharing

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.

## HID Capacitive Touch

Capacitive Touch gives you the cutting edge appearance of edge to edge glass with a bezel width of just 1.5 mm! Create a memorable interactive experience with up to 10 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.

## 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.

## Fast and easy video conference

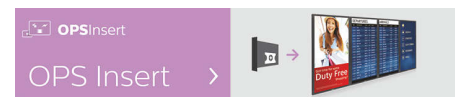
Ready to use video conferencing software makes one-to-one or group video calls easier than ever. Simply use your own camera or add the optional Logitech Meetup bundle for an all-in-one ConferenceCam solution.

## Crestron Connected certified

Integrate this Philips Professional Display to your Crestron network for full remote control via your laptop, desktop or mobile device. Switch the

display on and off, schedule content, manage settings, and easily connect external devices. Crestron Connected® provides a fast, reliable and secure enterprise level solution for for system control.

## 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.

## 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.

# Specifications

## Picture/Display

**Diagonal screen size (metric):** 217.42 cm  
**Diagonal screen size (inch):** 85.6 inch  
**Aspect ratio:** 16:9  
**Panel resolution:** 3840 x 2160  
**Pixel pitch:** 0.4935 (H) x 0.4935 (V) mm  
**Optimum resolution:** 3840x 2160 @ 60Hz  
**Brightness:** 350 cd/m<sup>2</sup>  
**Display colors:** 1.07 billion  
**Contrast ratio (typical):** 1000:1  
**Dynamic contrast ratio:** 500,000:1  
**Response time (typical):** 8 ms  
**Viewing angle (horizontal):** 178 degree  
**Viewing angle (vertical):** 178 degree  
**Picture enhancement:** 3/2 - 2/2 motion pull down, Motion compens. deinterlacing, 3D MA deinterlacing, Dynamic contrast enhancement, Progressive scan  
**Operating system:** Android 9

## Connectivity

**Audio output:** 3.5mm Jack (x2)  
**Video input:** Display Port 1.2 (x1), HDMI 2.0 (x4), DVI-I (x 1), USB 2.0 (x2), USB 3.0 (x2), USB-C  
**Audio input:** 3.5 mm jack  
**Other connections:** OPS, micro SD  
**Video output:** DisplayPort 1.2 (x1), HDMI 2.0 (x1)  
**External control:** RJ45, RS232C (in/out) 2.5 mm jack, IR (in/out) 3.5 mm jack

## Convenience

**Placement:** Landscape (18/7)  
**Screen saving functions:** Pixel Shift, Low Bright  
**Keyboard control:** Hidden, Lockable  
**Signal loop through:** RS232, IR Loophrough, DisplayPort

**Ease of installation:** Smart Insert  
**Energy saving functions:** Smart Power  
**Network controllable:** RJ45, RS232  
**DPMS power saving system**

## Sound

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

## Power

**Mains power:** 100 ~ 240 VAC, 50 ~ 60 Hz  
**Consumption (Typical):** 300 W  
**Consumption (Max):** 500 W  
**Standby power consumption:** <0.5 W  
**Energy Label Class:** G

## Supported Display Resolution

**Computer formats:** 1920 x 1200, 60Hz, 1920 x 1080, 60Hz, 1680 x 1050, 60Hz, 1600 x 1200, 60Hz, 1600 x 900, 60Hz, 1440 x 1050, 60Hz, 1440 x 900, 60, 75Hz, 1400 x 1050, 60, 75Hz, 1366 x 768, 60Hz, 1360 x 768, 60Hz, 1280x1024, 60,67,75Hz, 1280 x 960, 60Hz, 1280 x 800, 60,75Hz, 1280 x 768, 60Hz, 75Hz, 1280 x 720, 60,70Hz, 1152 x 900, 66Hz, 1152 x 864, 60, 70, 75Hz, 1024x768, 60,70Hz, 960x720, 75Hz, 848 x 480, 60Hz, 832 x 624, 75Hz, 800 x 600, 56, 60, 72, 75Hz, 720 x 400, 70Hz, 640 x 350, 70Hz, 640 x 480, 60, 67, 72, 75Hz  
**Video formats:** 1080p, 50, 60Hz, 576p, 50Hz, 480p, 60Hz, 1080i, 50, 60Hz, 4K x 2K, 50,60Hz, 720p, 50, 60Hz  
**UHD Formats:** 3840 x 2160, 24, 25, 30, 60 Hz, 3840 x 2160, 50 Hz

## Dimensions

**Smart Insert mount:** 6\*M4\*L6, 100mm pitch, Max. Size 180mm x 300mm  
**Set Width:** 1949.00 mm  
**Product weight:** 78.1 kg  
**Set Height:** 1120.00 mm  
**Set Depth:** 77.50(@wall mount), 93.00(@max) mm  
**Set Width (inch):** 76.73 inch  
**Set Height (inch):** 44.09 inch  
**Wall Mount:** 600(H)x400(V) mm, M8  
**Set Depth (inch):** 3.05(@wall mount), 3.66(@max) inch  
**Bezel width:** 1.50 mm(even)  
**Product weight (lb):** 172.18 lb

## Operating conditions

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

## Multimedia Applications

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

## Internal Player

**CPU:** MTK5680  
**Micro SD Card:** Support to 1TB  
**Storage:** 32 GB eMMC  
**Wifi:** AP(WC05R2511-88112BU), STA(WCT5GM2511MT7668AU)  
**RAM:** DDR4 4GB

## Multi-touch Interactivity

**Touch points:** 10 simultaneous touch points

## Accessories

**Included Accessories:** Philips logo (x1), RS232 Daisy chain cable (x1), AAA batteries (x1), Cleaning cloth (x1), DVI - I Cable (1.8m) (x1), HDMI Cable (3m) (x1), IR sensor cable (1.8 m) (x1), M2 Screw (x2), M3 screw (x2), Power cable (x3), Quick start guide (x1), Remote control (x1), RS232 cable (3 m) (x1), Touch Pen (x2), USB A to B cable (3m) (x1), USB Cover (x1)

## Miscellaneous

**On-Screen Display Languages:** English, French, German, Spanish, Polish, Turkish, Russian, Italian, Simplified Chinese, Traditional Chinese, Arabic, Japanese, Danish, Dutch, Finnish, Norwegian, Portuguese, Swedish  
**Warranty:** 3 year warranty  
**Regulatory approvals:** CE, RoHS, CB, CU, EAC, EMF, ETL, FCC, Class A, PSB, VCCI

Philips 86BDL6051C  
Version 1.1  
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