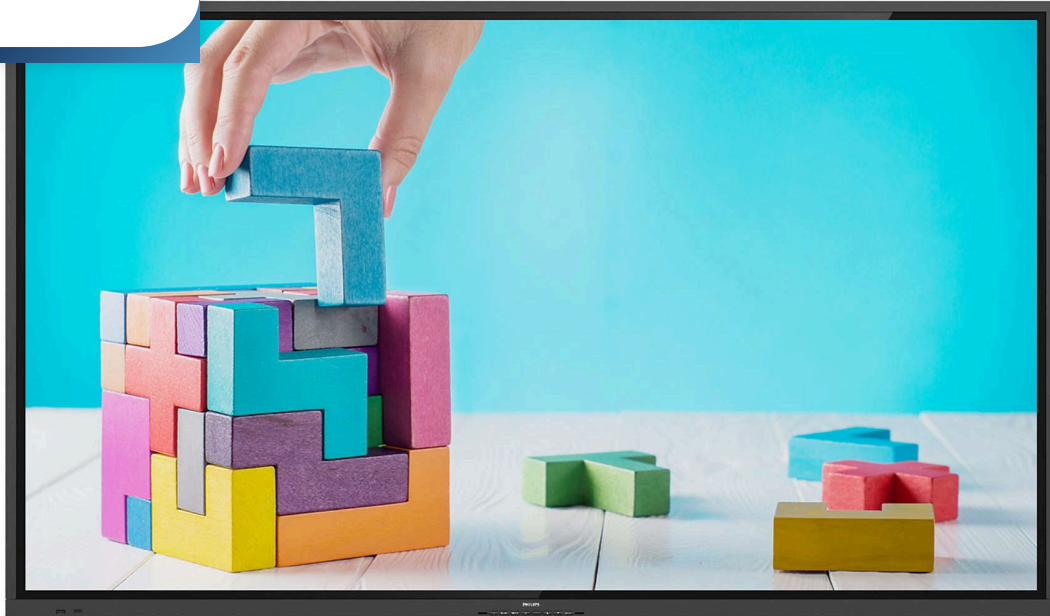


PHILIPS



E-Line Display

Signage Solutions

75"

Powered by Android

Multi-touch



75BDL3052E

Interactive education display

Featuring multi-touch technology

The Philips E-Line touch display maximises engagement and inspires collaboration with up to 20 touchpoints. Powered by Android and featuring a toughened anti-glare glass, it's made to withstand heavy daily usage in the classroom.

Smart and powerful

- OPS slot allows for PC embedding without cabling
- Whiteboard mode built in
- Android: Run your own app or choose your favourite app to run
- 0-gap touch frame
- Anti-glare toughened glass 7 MOHS

Interactive and collaborative

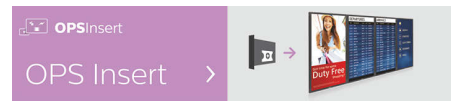
- Operate, monitor and maintain with CMND and Control
- Multi-touch technology capable of 20 touchpoints
- Advanced IR touch with smaller, shallower bezels

Highlights

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.

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.

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.

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.

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.



Specifications

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 (H) x 0.4296 (V) [mm]

Optimum resolution: 3840 x 2160 @ 60 Hz

Display colours: 1.07 B

Brightness (after glass): 380 cd/m²

Brightness (before glass): 410 cd/m²

Contrast ratio (typical): 1200:1

Response time (typical): 8 ms

Viewing angle (horizontal): 178 degree

Viewing angle (vertical): 178 degree

Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Motion compens. deinterlacing, Progressive scan, 3D MA deinterlacing, Dynamic contrast enhancement

Panel technology: ADS

Operating system: Android 8.0

OS UI resolution: 1920 x 1080 @ 60 Hz

Connectivity

Audio output: 3.5 mm Mini Jack (x 1)

Video input: DVI-D (x 1), HDMI 2.0 (x 3), VGA (Analogue D-Sub) (x 1), USB 2.0 (x4), USB-C (up to 65 W)

Audio input: 3.5 mm mini jack (x 1)

Other connections: OPS, micro SD, USB-B (x 3)

External control: IR (in/out) 3.5 mm jack, RJ45, RS232C (in/out) 2.5 mm jack

Convenience

Placement: Landscape (18/7)

Screen-saving functions: Pixel Shift, Low Brightness

Keyboard control: Lockable

Remote control signal: Lockable

Signal loop through: RS232, IR Loop through

Ease of installation: AC Out, Smart Insert

Other convenience: Carrying handles

Network controllable: RS232, RJ45

Sound

Built-in speakers: 2 x 15 W

Power

Mains power: 100 ~ 240 VAC, 50/60 Hz

Consumption (Typical): 155 W

Consumption (Max): 400 W

Standby power consumption: <0.5 W

Power Saving Features: Smart Power

Energy Label Class: G

Supported Display Resolution

Computer formats: 720 x 400, 70 Hz, 832 x 624, 75 Hz, 1440 x 900, 60 Hz, 1600 x 900, 60 Hz, 1680 x 1050, 60 Hz, 1920 x 1080, 60 Hz, 1024 x 768, 60 Hz, 1152 x 870, 75 Hz, 1280 x 1024, 60 Hz, 1280 x 720, 60 Hz, 3840 x 2160, 30, 60 Hz, 640 x 480, 60, 67, 75 Hz, 800 x 600, 60 Hz
Video formats: 480i, 60 Hz, 480p, 60 Hz, 720p, 50, 60 Hz, 1080i, 50, 60 Hz, 1080p, 50, 60 Hz, 2160p, 30, 60 Hz, 576i, 50 Hz, 576p, 50 Hz

Dimensions

Smart Insert mount: 100 x 100 mm, 6xM4L6

Set Width: 1715.5 mm

Set Height: 1007.6 mm

Weight: 55.77 kg

Set Depth:

101.5 mm(D_Max)/79.2 mm(D_Wallmount) mm

Set Width (inch): 67.54 inch

Set Height (inch): 39.67 inch

Wall Mount: 600 x 400 mm, M8

Set Depth (inch):

3.99(D_Max)/3.12(D_Wallmount) inch

Bezel width: 17.8 mm(T/R/L) x 31.7 mm(B)

Weight

Product with packaging (kg): 67.60 kg

Product with packaging (lb): 149.03 lb

Product without stand (kg): 55.77 kg

Product without stand (lb): 122.95 lb

Operating conditions

Altitude: 0 ~ 3000 m

Temperature range (operation): 0 ~ 40 °C

MTBF: 50,000 hour(s)

Temperature range (storage): -20~60 °C

Humidity range (operation)[RH]: 20~80% (without condensation)

Humidity range (storage) [RH]: 5~95% (without condensation)

Multimedia Applications

USB Playback Video: H.263, H.264, H.265, MPEG1/2, MPEG4, VP9

USB Playback Picture: BMP, JPEG, PNG

USB Playback Audio: AAC, MPEG, HEAAC

Internal Player

CPU: 2 x A53 + 2 x A73

GPU: ARM Mali G51

Memory: 3 GB DDR3

Storage: 16 GB EMMC

Accessories

Included Accessories: Cleaning cloth (x 1), HDMI Cable (3 m) (x 1), IR sensor cable (1.8 m) (x 1), Philips logo (x 1), Quick start guide (x 1), Remote control and AAA batteries, RS232 daisy chain cable (x 1), Touch Pen (x 2), USB A to B cable (3 m) (x 1), RS232 cable, AC Power Cord, Cable clip (x 3), AC switch cover and Screw x 1, DVI-D cable, USB cover and screws

Optional accessories: Interact dongles

Miscellaneous

On-Screen Display Languages: Arabic, Dutch, Danish, English, French, Finnish, German, Italian, Japanese, Norwegian, Polish, Portuguese, Russian, Spanish, Swedish, Simplified Chinese, Turkish, Traditional Chinese

Warranty: 5-year warranty

Regulatory approvals: CE, FCC, Class A, RoHS, CB, EAC, EMF, ETL

Interactivity

Multi-touch technology: 0-gap Infrared touch

Touchpoints: 20 simultaneous touch points

Plug and play: HID compliant

Protection glass: Anti-Glare, Tempered safety glass 7 MOHS

