Philips Signage Solutions
E-Line Display

75"
Powered by Android
Multi-touch

75BDL4052E

Interactive education display

Featuring multi-touch technology

Inspire collaboration. Maximise engagement. This top-spec Philips E-Line touch display is powered by Android and features enhanced educational software and programs compatibility, 20 touchpoints, and a toughened anti-glare glass.

Smart and powerful

- OPS slot allows for PC embedding without cabling
- Whiteboard mode built-in
- Wireless screen sharing & advanced collaboration
- Android: Run your own app or choose your favorite app to run
- 0-gap touch frame
- Display Surface

Interactive and collaborative

- Multi-touch technology capable of 20 touchpoints
- Advanced IR touch with smaller, shallower bezels
- Catch the Wave for revolutionary results

PHILIPS

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.

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.

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.

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.

PPDS Wave
Unlock the power, versatility and intelligence inside your Philips E-Line displays remotely with Wave. This evolutionary cloud platform puts you fully in control, with simplified installation and set-up, monitoring and controlling displays, upgrading firmware, managing playlists and setting power schedules. Saving you time, energy and environmental impact.

Plug & Play Multi-Touch · OPSInsert · ULTRA RESOLUTION · SmartPower · SmartPlayer

E-Line Display
75" Powered by Android, Multi-touch

75BDL4052E/02

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 x 0.4296 mm
- Optimum resolution: 3840 x 2160 @ 60Hz
- Display colors: 1.07Billon
- Brightness (after glass): 380 cd/m²
- Brightness (before glass): 410 cd/m²
- Contrast ratio (typical): 1200:1
- 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, 3D Combfilter, Motion compens. deinterlacing, Progressive scan, 3D MA deinterlacing, Dynamic contrast enhancement
- Panel technology: ADS
- Operating system: Android 11
- OS UI resolution: 3840 x 2160 @ 60 Hz

Connectivity
- Audio output: 3.5 mm Mini Jack (x1)
- Video input: DVI-D (x1), HDMI 2.0 (x3), USB 2.0 (x3), USB 3.0 (x3), USB-C (up to 65W)
- Audio input: 3.5 mm mini jack (x1)
- Other connections: OPS, micro SD, USB-B (x3)
- Video output: HDMI 2.0 (x1)
- 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 Loopthrough
- Ease of installation: Smart Insert, AC Out
- Other convenience: Carrying handles
- Network controllable: RS232, RJ45

Sound
- Built-in speakers: 2 x15 W

Power
- Mains power: 100 ~ 240 VAC, 50/60Hz
- Consumption (Typical): 190 W
- Consumption (Max): 450 W
- Standby power consumption: <0.5W
- Power Saving Features: Smart Power
- Energy Label Class: G

Supported Display Resolution
- Computer formats: 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, 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, 1360 x 768, 60Hz, 1366 x 768, 60Hz, 1400 x 1050 ,60, 75Hz, 1600 x 900, 60Hz, 1600 x 1200, 60Hz, 1680 x 1050, 60Hz, 1920 x 1080, 60Hz, 1920 x 1200, 60Hz, 3840 x 2160, 24,25,30,60Hz, 1440 x 900, 60Hz, 720 x 400, 70Hz
- Video formats: 480p, 60Hz, 720p, 50, 60Hz, 1080i, 50, 60Hz, 1080p, 50, 60Hz, 2160p, 50, 60Hz, 480i, 60Hz

Dimensions
- Smart Insert mount: 100x100mm, 6xM4L6
- Set Width: 1715.5 mm
- Set Height: 1007.6 mm
- Weight: 55.85 kg
- Set Depth: 101.5mm(D_Max)/ 79.2mm(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: 17.8mm(T/R/L)x 31.7mm(B)

Weight
- Product with packaging (kg): 67.7 kg
- Product with packaging (lb): 149.25 lb
- Product without stand (kg): 55.85 kg
- Product without stand (lb): 123.13 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, VP8, VP9
- USB Playback Picture: BMP, JPEG, PNG
- USB Playback Audio: AAC, HEAAC, MPEG

Internal Player
- CPU: MTK 9970A
- Memory: 8GB
- Storage: 32 GB eMMc
- Wifi: 2G/5G/6G 2T2R

Accessories
- Included Accessories: Cleaning cloth (x1), AC Power Cord, AC Switch Cover, Cable clip (x3), DVI - I Cable (1.8m) (x1), HDMI Cable (3m) (x1), IR sensor cable (1.8 m) (x1), Philips logo (x1), Quick start guide (x1), Remote control & AAA batteries, RS232 cable, RS232 daisy chain cable (x1), Touch Pen (x2), USB A to B cable (3m) (x1),

Specifications

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
- Touch points: 20 simultaneous touch points
- Plug and play: HID compliant
- Protection glass: Anti-Glare, Blue light filter, Tempered safety glass 7MOHS

Issue date 2024-11-25

Version: 1.0.1

EAN: 87 12581 80105 2

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