E-Line Display

• 75"
• Powered by Android
• Multi-touch

75BDL4052E/02

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.

Benefits

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

Smart and powerful
• OPS slot allows for PC embedding without cabling

• Whiteboard mode built-in
• Wireless screen sharing & advanced collaboration
• 0-gap touch frame
• Android: Run your own app or choose your favorite app to run
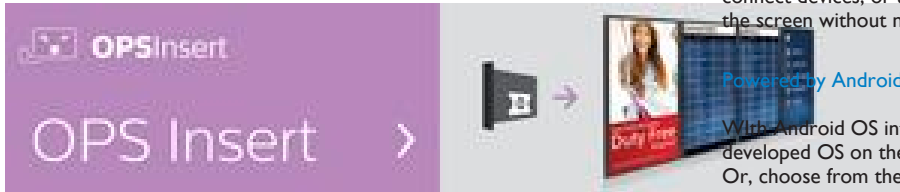• Anti-glare toughened glass 7 MOHS

PHILIPS

Features

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.

Specifications

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Picture/Display

Diagonal screen size (metric)	189.3 cm
Diagonal screen size (inch)	74.5 inch
Panel resolution	3840 x 2160
Optimum resolution	3840 x 2160 @ 60Hz
Brightness (before glass)	410 cd/m²
Brightness (after glass)	380 cd/m²
Dynamic contrast ratio	500,000:1
Response time (typical)	8 ms
Aspect ratio	16:9
Viewing angle (horizontal)	178 degree
Viewing angle (vertical)	178 degree
Pixel pitch	0.4296 x 0.4296 mm
Display colors	1.07Billon
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
Contrast ratio (typical)	1200:1
Operating system	Android 11
OS UI resolution	3840 x 2160 @ 60 Hz

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

Connectivity

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)
Video output	HDMI 2.0 (x1)
Audio output	3.5 mm Mini Jack (x1)
External control	IR (in/out) 3.5 mm jack
	RJ45
	RS232C (in/out) 2.5 mm jack
Other connections	OPS
	micro SD
	USB-B (x3)

Convenience

Placement	Landscape (18/7)
Screen saving functions	Pixel Shift, Low Brightness
Signal loop through	RS232
	IR Loopthrough
Ease of installation	Smart Insert
	AC Out
Network controllable	RS232
	RJ45
Keyboard control	Lockable
Remote control signal	Lockable
Other convenience	Carrying handles

Operating conditions

Temperature range (operation)	0 ~ 40 °C
Temperature range (storage)	-20 ~ 60 °C
Altitude	0 ~ 3000 m
MTBF	50,000 hour(s)
Humidity range (operation)[RH]	20 ~ 80% (without condensation)
Humidity range (storage) [RH]	5 ~ 95% (without condensation)

Power

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

Sound

Built-in speakers	2 x15 W

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)
	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
Regulatory approvals	CE
	FCC, Class A
	RoHS
	CB
	EAC
	EMF
	ETL
Warranty	5 year warranty

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

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

Internal Player

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

Dimensions

Set Width	1715.5 mm
Set Height	1007.6 mm
Set Width (inch)	67.54 inch
Set Height (inch)	39.67 inch
Set Depth (inch)	3.99(D_Max)/3.12(D_Wallmount) inch
Wall Mount	600 x 400 mm, M8
Bezel width	17.8mm(T/R/L)x 31.7mm(B)
Set Depth	101.5mm(D_Max)/ 79.2mm(D_Wallmount) mm
Smart Insert mount	100x100mm, 6xM4L6
Weight	55.85 kg

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