C-Line Display

• 55"
• Powered by Android
• 350cd/m²

55BDL6051C/00

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.

Benefits

Interactive and collaborative

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

Smart and powerful

• Android SoC processor. Native and web apps
• OPS slot allows for PC embedding without cabling

• Whiteboard mode built-in
• Fast and easy video conferencing
• Crestron Connected certified
• Anti-glare toughened glass
• Install and use your preferred apps and features

PHILIPS

Features

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.
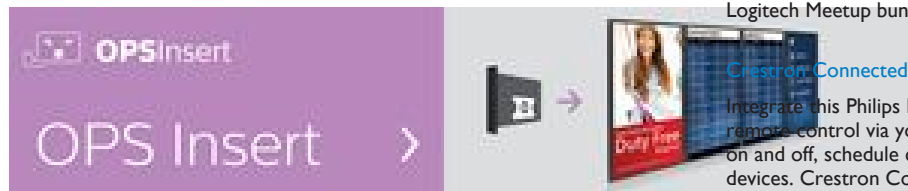
HID Capacitive Touch

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.
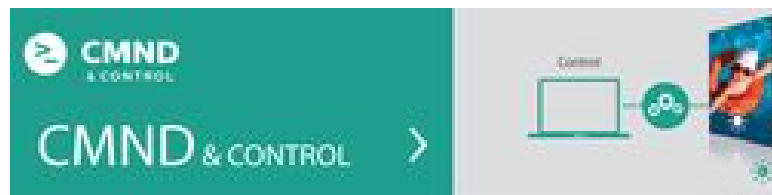
Powered by Android

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.

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 & 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.

Specifications

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Picture/Display

Diagonal screen size (inch)	54.64 inch
Diagonal screen size (metric)	138.78 cm
Panel resolution	3840 x 2160
Optimum resolution	3840x 2160 @ 60Hz
Brightness	350 cd/m²
Contrast ratio (typical)	1300 :1
Dynamic contrast ratio	500,000 :1
Aspect ratio	16:9
Response time (typical)	9 ms
Pixel pitch	0.315(H) x 0.315 (V) mm
Display colors	1.07 billion
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

Video input	Display Port1.2 (x1) HDMI 2.0 (x4) DVI-I (x 1) USB-C USB 2.0 (x2) USB 3.0 (x2)
Video output	DisplayPort 1.2 (x1) DVI - D (x1) HDMI 2.0 (x2)
Audio input	3.5 mm jack
Audio output	3.5mm Jack (x2)
Other connections	OPS micro SD
External control	RJ45 RS232C (in/out) 2.5 mm jack IR (in/out) 3.5 mm jack

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

Video formats	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		
	1080p, 50, 60Hz		
	576p, 50Hz		
	480p, 60Hz		
	4K x 2K, 50,60Hz		
	720p, 50, 60Hz		
	1080i, 50, 60Hz		
UHD Formats	3840 x 2160, 24, 25, 30, 60 Hz		
	3840 x 2160, 50 Hz		

Dimensions

Set Width	1264.40 mm
Set Height	735.20 mm
Set Depth	87.9mm(D@wall mount) / 97.8mm(D@handle) mm
Set Width (inch)	49.78 inch
Set Height (inch)	28.94 inch
Set Depth (inch)	3.46(D@wall mount) / 3.85(D@handle) inch
Bezel width	1.50 mm(even)
Product weight (lb)	72.75 lb
Product weight	33 kg
Wall Mount	400(H)x400(V) mm, M6
Smart Insert mount	6*M4*L6, 100mm pitch, Max. Size 240mm x 150mm

Convenience

Placement	Landscape
	Landscape (18/7)
	Portrait (18/7)
Keyboard control	Hidden
	Lockable
Signal loop through	RS232
	IR Loopthrough
Network controllable	RJ45
	RS232
Energy saving functions	Smart Power
Screen saving functions	Pixel Shift, Low Bright
Ease of installation	Smart Insert
DPMS power saving system	Yes

Power

Standby power consumption	<0.5 W
Mains power	100 ~ 240 VAC, 50 ~ 60 Hz
Consumption (Typical)	135 W
Consumption (Max)	300 W
Energy Label Class	G

Operating conditions

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

Sound

Built-in speakers	2 x 20W RMS

Accessories

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

Multimedia Applications

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

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
Regulatory approvals	CE
	RoHS
	CB
	CU
	EMF
	EPA
	FCC, Class A
	VCCI
	ETL
Warranty	3 year warranty

Internal Player

CPU	MTK5680
Storage	32 GB eMMc
Wifi	AP(WC0SR2511-88112BU) STA(WCT5GM2511MT7668AU)
RAM	DDR4 4GB
Micro SD Card	Support to 1TB

Multi-touch Interactivity

Touch points	10 simultaneous touch points