



Philips Signage Solutions
Multi-Touch Display

55"

Powered by Android
Multi-touch

SignageSolutions

55BDL4051T

Engage them

10-point Multi-Touch display.

Inspire collaboration. Deliver information. This responsive Philips Multi-Touch Professional Full HD Display is ideal for multi-finger, multi-user applications—from wayfinding to presentations. Up to 10 touch points can be active at once.

Superb picture. Responsive touchscreen.

- Full HD. Clear images. Crisp contrast
- Plug-and-play 10-point Multi-Touch display
- Android SoC processor. Native and web apps

Effortless setup. Total control.

- CMND & Deploy. Install and launch apps remotely
- CMND & Control. Operate, update, maintain
- CMND & Create. Develop and launch your own content

Versatile system solution

- Energy-saving automatic backlight control
- OPS slot. Embed a full-power PC. No cabling required
- FailOver. Ensure your display never goes blank
- Internal memory. Upload content for instant play

PHILIPS

Highlights

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 built-in scheduler makes it easy to launch apps and content based on time of day.

CMND & Deploy

Quickly install and launch any app—even when you're off-site and working remotely. CMND & Deploy lets you add and update your own apps, as well as apps from the Philips Professional Display App Store. Simply scan the QR code, log in to the store, and click on the app you want to install. The app is automatically downloaded and launched.

CMND & Control



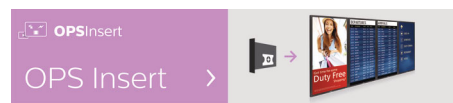
Run your display network over a local (LAN) connection. CMND & Control allows you to

perform vital functions like controlling inputs and monitoring display status. Whether you're in charge of one screen or 100.

CMND & Create

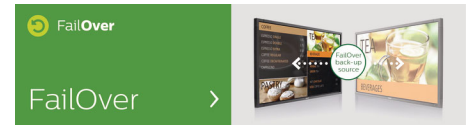
Take control of your content with CMND & Create. A drag-and-drop interface makes it simple to publish your own content—whether it's a daily specials board or branded corporate information. Preloaded templates and integrated widgets ensure your stills, text, and video will be up and running in no time.

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.

FailOver



From waiting room to meeting room, never show a blank screen. FailOver lets your Philips Professional Display switch automatically between primary and secondary inputs—ensuring content keeps playing even if the primary source goes down. Simply set a list of alternate inputs to be sure your business is always on.

Internal memory

Save and play content without the need for a permanent external player. Your Philips professional display has an internal memory, which allows you to upload media into the display for instant playback. The internal memory also functions as a cache for online streaming.

Specifications

Picture/Display

- Diagonal screen size: 54.64 inch / 138.8 cm
- Panel resolution: 1920x1080p
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 450 cd/m²
- Contrast ratio (typical): 1100:1
- Dynamic contrast ratio: 500,000:1
- Surface treatment: Anti-Glare coating
- Aspect ratio: 16:9
- Response time (typical): 12 ms
- Pixel pitch: 0.63 x 0.63 mm
- Display colors: 16.7 million
- Viewing angle (H / V): 178 / 178 degree
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Motion compens. deinterlacing, Progressive scan, 3D MA deinterlacing, Dynamic contrast enhancement

| | |
|-------------|--------------|
| 1920 x 1080 | 60Hz |
| 1920 x 1200 | 60Hz |
| 720 x 400 | 70Hz |
| 800 x 600 | 60, 72, 75Hz |

• Video formats

| Resolution | Refresh rate |
|------------|--------------|
| 480i | 60Hz |
| 480p | 60Hz |
| 576p | 50Hz |
| 576i | 50Hz |
| 720p | 50, 60Hz |
| 1080i | 50, 60Hz |
| 1080p | 50, 60Hz |
| 1080i | 25, 30Hz |
| 480i | 30, 60Hz |
| 576i | 25, 50Hz |

- MTBF: 50,000 hour(s)
- Altitude: 0 ~ 3000 m
- Temperature range (storage): -20~60 °C

Power

- Mains power: 100 ~ 240 VAC, 50/60Hz
- Standby power consumption: <0.5W
- Consumption (Typical): 76 W
- Power Saving Features: Smart Power

Accessories

- Included accessories: AC Power Cord, RS232 cable, Remote Control, Batteries for remote control, Quick start guide, User manual on CD-ROM
- Stand: BM05922/00
- Included Accessories: Logo guide

Interactivity

- Multi-touch technology: Infrared touch
- Touch points: 10 simultaneous touch points
- Plug and play: HID compliant
- Protection glass: 5 mm tempered safety glass, Anti-Glare

Connectivity

- Video input: DisplayPort (1.2), HDMI (x2), VGA (via DVI), DVI-I (digital + analogue) 1x
- Video output: DisplayPort, DVI-I, VGA (via DVI-I)
- Audio input: 3.5 mm jack
- Audio output: 3.5mm jack
- External control: RJ45, IR (in/out) 3.5 mm jack, RS232C (in/out) 2.5 mm jack
- Other connections: micro SD, micro USB, mPCIe, USB, type A, USB, type B

Convenience

- Placement: Landscape, Portrait
- Signal Loop Through: IR Loophthrough
- Network controllable: RS232, RJ45, One Wire (HDMI-CEC), HDMI (One Wire)
- Picture performance: Advanced color control
- Picture in picture: PIP
- Screen saving functions: Pixel Shift, Low Brightness
- Keyboard control: Hidden, Lockable
- Remote control signal: Lockable
- Energy saving functions: Smart Power
- Other convenience: Carrying handles
- Memory: 16GB eMMC

Miscellaneous

- On-Screen Display Languages: Arabic, English, French, German, Italian, Japanese, Polish, Spanish, Turkish, Russian, Simplified Chinese, Traditional Chinese, Danish, Dutch, Finnish, Norwegian, Portuguese, Swedish
- Regulatory approvals: BSMI, CB, CE, EAC, EnergyStar 7.0, FCC, Class B, PSB, PSE, UL/cUL, VCCI
- Warranty: 3 year warranty

Supported Display Resolution

• Computer formats

| Resolution | Refresh rate |
|-------------|------------------|
| 640 x 480 | 60, 67, 72, 75Hz |
| 800 x 600 | 56, 60, 72, 75Hz |
| 1024 x 768 | 60Hz |
| 1280 x 768 | 60Hz |
| 1280 x 800 | 60Hz |
| 1280 x 1024 | 60Hz |
| 1360 x 768 | 60Hz |
| 1366 x 768 | 60Hz |
| 1440 x 900 | 60Hz |
| 1600 x 1200 | 60Hz |

Dimensions

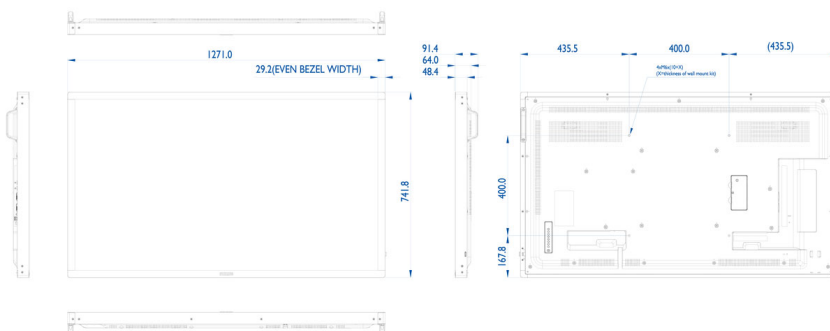
- Set dimensions (W x H x D): 1271.0 x 741.8 x 91.4 mm
- Set dimensions in inch (W x H x D): 50.04 x 29.20 x 3.60 inch
- Product weight: 31 kg
- Product weight (lb): 68.34 lb
- VESA Mount: 400 x 400 mm, M6
- Bezel width: 29.2 mm

Sound

- Built-in speakers: 2 x 10W

Operating conditions

- Temperature range (operation): 0 - 40degC (Landscape)/0 - 35degC (Portrait) °C
- Relative humidity: 20 ~ 80(operation),5~95%(storage) %



Issue date 2019-02-05

Version: 4.0.1

12 NC: 8670 001 37352
EAN: 87 12581 73966 9

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