

Philips Signage Solutions
P-Line Display

49"

Powered by Android
700 cd/m²

SignageSolutions

49BDL5057P

Tough and capable

Robust, bright, 24/7 display.

Meet the demands of challenging environments with a robust P-Line professional Full HD display. Tough components keep this display working from kitchen to engine room. The wide viewing angle ensures crucial information is clear.

Brilliant picture. Strong build.

- Android SoC processor. Native and web apps
- IPS panel: rich colour consistency from every angle
- Robust metal housing
- D-image: clinically accurate imaging

Effortless setup. Total control.

- CMND & Deploy. Install and launch apps remotely
- Operate, monitor and maintain with CMND and Control
- CMND and Create. Develop and launch your own content
- Proof of Play for Android content. Know what's playing
- Integrated mPCIe slot for optional 4G/LTE module

Robust system solution

- Energy-saving automatic backlight control
- Integrated HTML5 browser. Play and control online content
- FailOver ensures that content is always playing

PHILIPS

Highlights

Powered by Android

Control your display via an Internet connection. Android-powered Philips Professional Displays are optimised 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 stays up to date with the latest specification for longer.

D-image



This Philips Professional Display is factory-calibrated to meet clinical compliance standards for greyscale performance. The optimal image achieved by the display can be used to review medical images in consultation rooms or lecture theatres.

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.

CMND and Create



Take control of your content with CMND and 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 that your stills, text and video will be up and running in no time.

CMND & Deploy

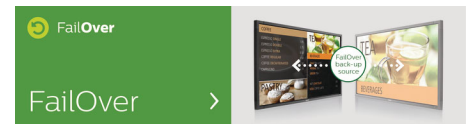
Quickly install and launch any app - even when you're off site and working remotely. CMND & Deploy lets you add and update your own apps, as well as apps from the Philips Professional Display App Store. Simply scan the QR code, log in to the store and click on the app you want to install. The app will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

Integrated mPCIe slot

Easily connect 4G/LTE modules to your Philips professional display. The integrated mPCIe slot enables your display to communicate with other devices that share the same wireless

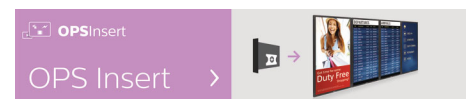
connectivity. Invaluable if you're installing displays in locations such as banks or government buildings, where you cannot access the local network.

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 that content keeps playing even if the primary source goes down. Simply set a list of alternative inputs to be sure your business is always on.

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.

Specifications

Picture/Display

- Diagonal screen size: 48.5 inch / 123.2 cm
- Panel resolution: 1920 x 1080p
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 700 cd/m²
- Contrast ratio (typical): 1300:1
- Dynamic contrast ratio: 500,000:1
- Aspect ratio: 16:9
- Response time (typical): 8 ms
- Pixel pitch: 0.55926 x 0.55926 mm
- Display colours: 1.07 billion
- Viewing Angle (H / V): 178 / 178 degree
- Operating system: Android 5.1.1

Connectivity

- Video input: DisplayPort 1.2 x 1, DVI-I x 1, HDMI 1.4 x 2, USB 2.0 (Type A) x 2, USB 2.0 (Type B) x 1
- Video output: DVI-I x 1, DisplayPort 1.2 x 1
- Audio input: 3.5 mm jack
- Audio output: 3.5 mm jack
- Other connections: Micro SD x 1, Micro USB (type B) x 1, OPS
- Optional WiFi functionality: requires WiFi module and external antennas
- External control: RJ45, RS232C (in/out) 2.5 mm jack, IR (in/out) 3.5 mm jack

Supported Display Resolution

Computer formats

Resolution	Refresh rate
1920 x 1080	60 Hz
1360 x 768	60 Hz
1280 x 800	60 Hz
1280 x 768	60 Hz
1024 x 768	60, 75 Hz
1280 x 1024	60 Hz
1600 x 1200	60 Hz
640 x 480	60, 72, 75 Hz
720 x 400	70 Hz
800 x 600	60, 75 Hz

Video formats

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

Dimensions

- Set dimensions (W x H x D): 1092.8 x 623.0 x 71.1 mm
- Set dimensions in inch (W x H x D): 43.0 x 24.5 x 2.80 inch
- Bezel width: 6.5 mm
- Product weight (lb): 41.9 lb
- Product weight: 19.0 kg
- VESA Mount: 400 x 400 mm, M6

Convenience

- Placement: Landscape, Portrait
- Tiled Matrix: Up to 15 x 15
- Keyboard control: Hidden, Lockable
- Signal Loop Through: DVI, VGA, RS232, IR Loop through, DisplayPort
- Network controllable: RJ45, RS232, HDMI (One Wire)
- Energy-saving functions: Smart Power
- Screen-saving functions: Pixel Shift, Low Bright
- Ease of installation: AC Out, Carrying Handles
- Other convenience: G sensor

Power

- Standby power consumption: <0.5 W
- Mains power: 100 ~ 240 VAC, 50 ~ 60 Hz
- Consumption (Typical): 95 W
- consumption(Max): 240 W

Operating conditions

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

Sound

- Built-in speakers: 2 x 10 W RMS

Accessories

- Included accessories: Remote Control, Batteries for remote control, Quick start guide, AC Power Cord, RS232 cable
- Included Accessories: Edge Alignment Kit (1)-2pcs, Edge Alignment Kit (2)-1pcs, Logo guide, Philips logo, Thumbscrew (8 pcs), RS232 daisy-chain cable
- Stand: BM04642/00 (optional)

Multimedia Applications

- USB Playback Audio: AAC, M4A, MP3, WMA, MP1, MP2

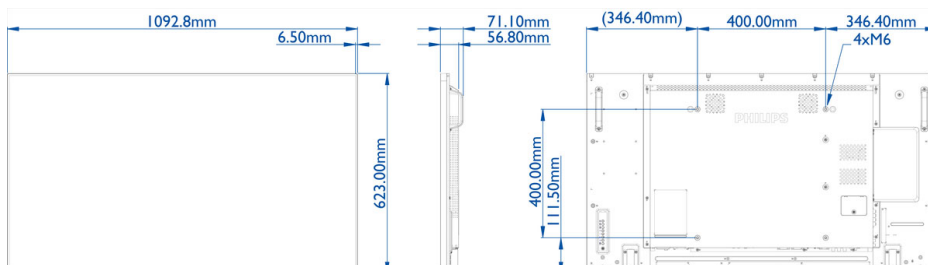
- USB Playback Picture: BMP, GIF, JPEG, JPG, PNG
- USB Playback Video: MKV, MP4, MPG, TS, VOB, 3GP, AVI, DAT, FLV, MOV, WEBM

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, CCC, CB, CEC, BSMI, EAC, EnergyStar 7.0, UL/cUL, VCCI, EMF, PSB, FCC, Class A, PSE
- Warranty: 3 year warranty

Internal Player

- CPU: Octacore Cortex A53 1.5 GHz
- GPU: PowerVR SGX6110
- Memory: 2 GB DDR3
- Storage: 16 GB EMMC



Issue date 2020-08-31

Version: 10.1.1

12 NC: 8670 001 41456
EAN: 87 12581 74221 8

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