

# PHILIPS

D-Line Display

Signage Solutions

43"

Powered by Android

450cd/m<sup>2</sup>

43BDL4050D



## Inform. Effortlessly

Smart, powerful 24/7 display.

Make it clear with a powerful D-Line professional FHD display. This responsive solution offers brilliant picture quality, simple control, and reliable connectivity. Even in areas that are hard to network.

### **Brilliant picture. Blazing processor speed.**

- Android SoC processor. Native and web apps
- Full HD. Clear images. Crisp contrast
- IPS panel: rich color consistency from every angle
- Place in landscape or portrait orientation

### **Effortless setup. Total control.**

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

### **Cost-effective system solution**

- Energy-saving automatic backlight control
- Integrated HTML5 browser. Play and control online content
- Internal memory. Upload content for instant play

## Highlights

### Powered by Android

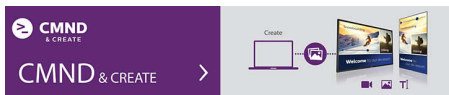
Control your display via an Internet connection. Android-powered Philips Professional Displays are optimized for native Android apps, and you can install web apps directly to the display too. A new Android OS ensures the software is kept secure and remain to the latest specification for longer.

### 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.

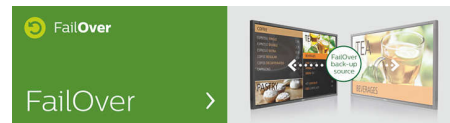
### CMND & Deploy

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.

### 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 get onto 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 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.

### Proof of Play

Be sure your Android-powered Philips Professional Display is showing the right content-even when you're not there. When playing content via the embedded media player, you can set up your display to take automatic screenshots at regular intervals. Screenshots are stored on the display's internal memory, and you can choose to receive them via email.

# Specifications

## Picture/Display

Diagonal screen size (metric): 108.0 cm  
 Diagonal screen size (inch): 42.5 inch  
 Aspect ratio: 16:9  
 Panel resolution: 1920x1080p  
 Pixel pitch: 0.49 x 0.49 mm  
 Optimum resolution: 1920 x 1080 @ 60Hz  
 Brightness: 450 cd/m<sup>2</sup>  
 Display colors: 16.77 million  
 Contrast ratio (typical): 1100:1  
 Dynamic contrast ratio: 500,000:1  
 Response time (typical): 12 ms  
 Viewing angle (horizontal): 178 degree  
 Viewing angle (vertical): 178 degree  
 Operating system: Android 4.4.4

## Connectivity

Audio output: 3.5mm jack  
 Video input: DisplayPort (1.2), HDMI (x2), DVI-D, USB 2.0 (x2), USB 2.0  
 Audio input: 3.5 mm jack  
 Other connections: micro SD, micro USB  
 Video output: DisplayPort, DVI-I  
 External control: RJ45, RS232C (in/out) 2.5 mm jack, IR (in/out) 3.5 mm jack

## Convenience

Placement: Landscape, Portrait  
 Tiled Matrix: Up to 15 x 15  
 Screen saving functions: Pixel Shift, Low Bright  
 Keyboard control: Hidden, Lockable  
 Signal loop through: DVI, VGA, RS232, IR  
 Loopthrough, DisplayPort  
 Energy saving functions: Smart Power  
 Other convenience: Carrying handles, G sensor  
 Network controllable: RJ45, RS232, One Wire (HDMI-CEC), HDMI (One Wire)  
 Memory: 16GB eMMC

## Sound

Built-in speakers: 2 x 10W RMS

## Power

Mains power: 100 ~ 240 VAC, 50 ~ 60 Hz  
 Consumption (Typical): 59 W  
 Standby power consumption: <0.5 W

## Supported Display Resolution

Computer formats: 1920 x 1080, 60Hz, 1440 x 900, 60Hz, 1366 x 768, 60Hz, 1360 x 768, 60Hz, 1280 x 800, 60Hz, 1280 x 768, 60Hz, 1024 x 768, 60Hz, 800 x 600, 56, 60, 72, 75Hz, 640 x 480, 60, 67, 72, 75Hz  
 Video formats: 1080p, 50, 60Hz, 1080i, 50, 60Hz, 720p, 50, 60Hz, 576i, 50Hz, 576p, 50Hz, 480p, 60Hz, 480i, 60Hz

## Dimensions

Set Width: 965.00mm mm  
 Product weight: 10.70 kg  
 Set Height: 559.30 mm  
 Set Depth: 45.50 mm  
 Set Width (inch): 37.99 inch  
 Set Height (inch): 22.02 inch  
 Wall Mount: 400 x 400 mm, M6  
 Set Depth (inch): 1.79 inch  
 Bezel width: 9.6 mm (T/L/R), 15.7 mm (B)  
 Product weight (lb): 23.59 lb

## Operating conditions

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

## Multimedia Applications

USB Playback Video: MKV, MP4, TS, 3GP, AVI, FLV, MOV  
 USB Playback Picture: BMP, GIF, JPEG, JPG, PDF, PNG  
 USB Playback Audio: AAC, M4A, MP3, WMA, MP1, MP2

## Internal Player

CPU: Quad Core Cortex A9 1.8GHz  
 GPU: ARM Mali400 Quad Core 533MHz  
 Memory: 2GB DDR3  
 Storage: 16GB EMMC

## Accessories

Included accessories: Remote Control, Batteries for remote control, Quick start guide, RS232 cable, AC Power Cord  
 Included Accessories: Edge Alignment Kit (1)-2pcs, Edge Alignment Kit (2)-1pcs, RS232 daisy-chain cable, Logo guide, Thumb Screw (x8)  
 Stand: Universal Stand (Large Size) (Optional)

## Miscellaneous

On-Screen Display Languages: English, French, German, Spanish, Polish, Turkish, Russian, Italian, Simplified Chinese, Traditional Chinese, Arabic, Japanese  
 Warranty: 3 year warranty  
 Regulatory approvals: CE, FCC, Class B, UL/cUL, CCC, C-Tick, RoHS, GOST, BSMI, CB, J-Moss, PSE, VCCI

