

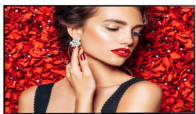


Philips Signage Solutions  
D-Line Display

49"

Edge-lit LED  
Full HD  
450 cd/m<sup>2</sup>

**Signage**Solutions



49BDL4031D

## Inform. Effortlessly.

Smart, powerful 24/7 display.

Make it clear with a powerful Philips D-Line Professional Full HD Display. This responsive solution offers brilliant picture quality, simple control and reliable connectivity.

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

- Full HD. Clear images. Crisp contrast
- IPS panel: rich colour consistency from every angle
- Place in landscape or portrait orientation

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

- Operate, monitor and maintain with CMND and Control

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

- Energy-saving automatic backlight control
- FailOver ensures that content is always playing

**PHILIPS**

D-Line Display  
49" Edge-lit LED, Full HD, 450 cd/m<sup>2</sup>

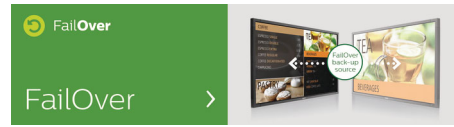
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# Highlights

## 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.

## 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.

# 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: 450 cd/m<sup>2</sup>
- Contrast ratio (typical): 1100:1
- Dynamic contrast ratio: 500,000:1
- Aspect ratio: 16:9
- Response time (typical): 12 ms
- Pixel pitch: 0.55926 x 0.55926 mm
- Display colours: 16.7 Million
- Viewing Angle (H / V): 178 / 178 degree
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Motion compens. deinterlacing, 3D MA deinterlacing, Progressive scan
- Panel technology: IPS
- Placement: Landscape (24/7), Portrait (24/7)

## Connectivity

- Video input: Display Port 1.2 (x 1), DVI-I (x 1), HDMI (x 2)
- Video output: DisplayPort 1.2 (x 1), DVI-I (x 1)
- Audio input: 3.5 mm jack
- Audio output: 3.5 mm jack
- 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 1200	60 Hz
1920 x 1080	60 Hz
1600 x 1200	60 Hz
1440 x 900	60 Hz
1366 x 768	60 Hz
1360 x 768	60 Hz
1280 x 800	60 Hz
1280 x 768	60 Hz
1024 x 768	60 Hz
800 x 600	56, 60, 72, 75 Hz
640 x 480	60, 67, 72, 75 Hz

### Video formats

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

480p	60 Hz
480i	60 Hz

## Dimensions

- Set dimensions in inch (W x H x D): 43.21 x 24.96 x 1.79 inch
- Set dimensions (W x H x D): 1097.6 x 633.9 x 45.5 mm
- Bezel width: 9.6 mm (T/L/R), 15.7 mm (B)
- Product weight (lb): 32.63 lb
- Product weight: 14.8 kg
- VESA Mount: 400 x 400 mm, M6

## Convenience

- Tiled Matrix: Up to 15 x 15
- Keyboard control: Hidden, Lockable
- Signal loop through: DisplayPort, IR Loop through, DVI
- Network controllable: RJ45, RS232
- Screen-saving functions: Pixel Shift
- Picture in picture: PIP

## Power

- Consumption (On mode): 130 W (max)
- Standby power consumption: <0.5 W
- Mains power: AC (100–240 V), 2.5 A
- Consumption (Typical): 75 W

## Operating conditions

- Temperature range (operation): 0 ~ 40 °C
- Temperature range (storage): -10–50 °C
- Altitude: 0 ~ 3000 m
- MTBF: 50,000 hour(s)
- Humidity range (operation)[RH]: 10–90% (without condensation)
- Humidity range (storage) [RH]: 0–100% (without condensation)

## Sound

- Built-in speakers: 2 x 10 W RMS

## Accessories

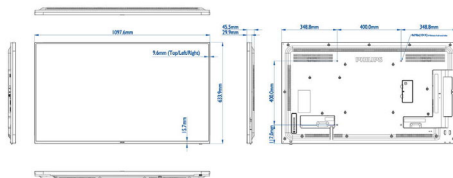
- Included accessories: Remote Control, Batteries for remote control, AC Power Cord, Quick start guide, RS232 cable
- Included Accessories: Edge Alignment Kit (1 )-2pcs, Edge Alignment Kit (2)-1pcs, M3 screw (x 1), RS232 daisy-chain cable, SD card cover (x 1),

- Thumb Screw (x 8)
- Stand: BM05922 (Universal Stand-L)(Option)

## Miscellaneous

- On-Screen Display Languages: English, French, German, Spanish, Polish, Turkish, Russian, Italian, Simplified Chinese, Traditional Chinese, Japanese, Arabic
- Regulatory approvals: CE, CB, EAC, FCC, Class A, PSB, UL/cUL, EMF, EnergyStar 8.0
- Warranty: 3 year warranty

Philips 49BDL4031D  
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Release Date: 2019/05/27



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Version: 5.0.1

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