



Signage 4050 Series



55BDL4050Q

# Philips Signage 4050 Series

Efficiency made easy – your versatile 24/7 display

Inform and enthral with Philips Signage 4050. UHD resolution is matched with enhanced brightness and high haze, and the efficiency of the tried and tested Android 10 SoC. Wave-ready for remote management, putting you in full control.

# **Easy operation**

- Remote management with Philips Wave
- Add optional Philips ScreenShare

### **Energy Star compliant. EPEAT rating in progress**

• Supporting business sustainability and energy savings.

# **Advanced connectivity options and UHD resolution**

• Add optional CRD22 module for easy Wifi

### 24/7 operation

- 500 cd/m2 brightness
- Higher haze rate for better visibility
- Easily mounted in landscape or portrait.

### Plug and play with Android 10

• Proven reliability. No need for external media player.

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# Highlights

### 24/7 operation

With 500 cd/m2 brightness for better visibility, the Philips Signage 4050 display is designed to be used 24/7, making it a great selection for travel and transportation hubs, retail centres, food and beverage locations, and more. FailOver is also included enabling your display to switch automatically between primary and secondary inputs should an outage occur.

#### **Versatile orientation**

Install in portrait or landscape orientations, with size variants to suit a range of installation purposes across the range of settings and industries.

### Plug and play with Android 10

Tried, tested, and proven intuitive user experience, with a professional Android 10 SoC built in for easy apps and solutions integrations and no need for an external media player.

### **Wave ready**

Manage your display and control content remotely with Philips Wave Controller – your evolutionary ecosystem designed to support time, energy and cost efficiencies. Discover software applications to support your interactive vision from our network of proven partners on the PPDS ProStore.

### **Wireless screen sharing**

Add in the fully secure and GDPR-compliant optional Philips ScreenShare presentation software for instant and effortless content sharing, using any device, on any network, and without additional hardware.

### **Energy Star compliant. EPEAT rating**

Supporting business sustainability and energy savings, with power saving features and using more environmentally friendly materials on the product and in the packaging.

### **Advanced connectivity options**

With a range of input options for easy content control, simply add in a CRD22 module to bring the power of Wifi into the mix.

# Specifications

### **Picture/Display**

Diagonal screen size (metric): 138.7 cm Diagonal screen size (inch): 54.6 inch

Aspect ratio: 16:9

Panel resolution: 3840 x 2160 Pixel pitch: 0.315 x 0.315 mm

Optimum resolution: 3840 x 2160 @ 60 Hz

Brightness: 500 cd/m<sup>2</sup> Display colors: 1.07 Billion Contrast ratio (typical): 5000:1 Dynamic contrast ratio: 500,000:1 Response time (typical): 9 ms Viewing angle (horizontal): 178 degree

Viewing angle (vertical): 178 degree Picture enhancement: 3/2 - 2/2 motion pull down, Dynamic contrast enhancement,

Progressive scan Panel technology: VA Operating system: Android 10

Haze: 25%

### **Connectivity**

Audio output: 3.5mm jack

Video input: HDMI 2.0 (x2), USB 2.0 (x2), DVI-I (x

1), USB 3.0 (x1)

Audio input: 3.5 mm jack Other connections: micro SD

External control: RJ45, RS232C (in/out) 2.5 mm

jack, IR (in/out) 3.5 mm jack

### **Convenience**

Placement: Landscape (24/7), Portrait (24/7)

Tiled Matrix: Up to 3 x 3

Keyboard control: Lockable, Hidden Remote control signal: Lockable

Signal loop through: RS232, IR Loopthrough **Energy saving functions: Smart Power** Network controllable: RS232, RJ45

### Sound

Built-in speakers: 2 x 10W RMS

Mains power: 100 ~ 240 VAC Standby power consumption: <0.5 W **Power Saving Features: Smart Power** 

**Energy Label Class: G** 

### **Supported Display Resolution**

Computer formats: 720 x 400, 70Hz, 640 x 480, 60,67,75Hz, 800 x 600, 60Hz, 832 x 624, 75Hz, 1024 x 768, 60Hz, 1152 x 870, 75Hz, 1280 x 720, 60Hz, 1920 x 1080, 60Hz, 1680 x 1050, 60Hz,

3840 x 2160, 30, 60Hz

Video formats: 480i, 60Hz, 480p, 60Hz, 576p, 50Hz, 576i, 50Hz, 720p, 50, 60Hz, 1080i, 50, 60Hz, 1080p, 50, 60Hz, 3840 x 2160, 30, 60Hz

#### **Dimensions**

Set Width: 1241.8 mm Product weight: 17.2 kg Set Height: 712.6 mm Set Depth: 63.6 mm Set Width (inch): 48.89 inch Set Height (inch): 28.06 inch Wall Mount: 400 mm x 400 mm, M6 Set Depth (inch): 2.50 inch Bezel width: 13.9 mm (Even bezel) Product weight (lb): 37.92 lb

### **Operating conditions**

Altitude: 0 ~ 3000 m

Temperature range (operation): 0 ~ 40 °C

MTBF: 50,000 hour(s)

Temperature range (storage): -20 ~ 60 °C Humidity range (operation)[RH]: 20 ~ 80% RH

(No condensation)

Humidity range (storage) [RH]: 5 ~ 95% RH (No

condensation)

## **Multimedia Applications**

USB Playback Video: MPEG 1/2 (1080p 60Hz), MPEG 4 (1080p 60Hz), H.263 (1080p 60Hz), H.264 (4K2K 60Hz), H.265 (4K2K 60Hz), VP8 (1080p 60Hz), VP9 (4K2K 60Hz)

USB Playback Picture: JPEG, PNG, BMP, WEBP USB Playback Audio: AAC, HEAAC, MPEG 1/2/2.5 Layer 3, MPEG 1/2 Layer 1, MPEG 1/2 Layer 2

### **Internal Player**

CPU: Quad Core Cortex A55 **GPU: G52 MC1** Memory: 16GB, 3GB DDR

### **Accessories**

Included Accessories: RS232 daisy-chain cable, Philips logo (x1), AC Power Cord, AC Switch Cover, Quick start guide, Remote control & AAA batteries, RS232 cable, USB cover and screws

Miscellaneous

On-Screen Display Languages: English, French, German, Italian, Polish, Turkish, Russian, Simplified Chinese, Spanish, Traditional Chinese,

Arabic, Japanese Warranty: 3 year warranty

Regulatory approvals: CE, CB, FCC, Class A, VCCI,

RoHS, UL

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Issue date 2025-03-27 Version: 8.8.1

EAN: 87 21038 10173 7

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