

# PHILIPS



Signage 6000 Series

Signage Solutions



55BDL6017P

## Philips Signage 6000 Series

Powerful performance for more demanding settings

Outperform in challenging environments with the robust 24/7 Philips Signage 6000 Series. With enhanced brightness up to 800 nits and an option to add Philips Wave remote management, ideal for kitchens through to transport hubs, and beyond.

### Secure control wherever, whenever

- With the option to add Philips Wave remote device management

### Ready for the rigours of challenging environments

- With robust metal casing, conformal coating, IP5X protection

### Option to add CRD52 module

- Bringing a better connected display with Android 14

### 24/7 operation

- Working your content around the clock

### Enhanced display brightness

- 800 cd/m2 – better visibility in brighter light conditions

## Highlights

### Mount it your way

Install in portrait or landscape orientations, with size variants including 43", 50", 55" and 65" to suit a range of installation purposes.

### Robust casing with conformal coating and IP5X

Standing up to the rigours of challenging environments, this ultimately professional display is made with metal casing, and is protected with conformal coating and IP5X ingress protection. Designed to be robust for use in areas including busy food and beverage settings, bustling transport hubs, and more.

### 24/7 operation

With 800 cd/m2 brightness for better visibility under bright ambient light conditions, the Philips Signage 6000 Series 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.

### Control ready with Philips Wave

Via our uniquely designed chipset, control elements of your display remotely with Philips Wave – designed to support time, energy, and cost efficiencies. This special version of Wave allows you to securely access, manage, and limit

the settings of the display to control volume, brightness, standby and power, without the need for an Android SoC.

### Add CRD52 for easy access to Android 14

With the option to add the CRD52 Android OPS player, you will benefit from 8GB RAM and 64GB storage, Android 14, UHD output on Displayport, RJ45, USB3, and Micro USB. Allowing you to add your chosen applications and solutions, Philips Wave remote display management, and more.

# 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 @ 60Hz  
**Brightness:** 800 cd/m<sup>2</sup>  
**Display colors:** 1.07 billion  
**Contrast ratio (typical):** 5000:1  
**Dynamic contrast ratio:** 500,000:1  
**Response time (typical):** 8 ms  
**Viewing angle (horizontal):** 178 degree  
**Viewing angle (vertical):** 178 degree  
**Panel technology:** VA  
**Haze:** 25 %

## Connectivity

**Audio output:** 3.5mm jack  
**Video input:** Display Port1.2 (x1), DVI-I (x 1), HDMI 2.0 (x3)  
**Audio input:** 3.5 mm jack  
**Other connections:** USB 2.0 (x2), OPS, Thermal sensor  
**Video output:** DisplayPort 1.2 (x1), HDMI 2.0 (x1)  
**External control:** IR (in/out) 3.5 mm jack, RJ45, RS232C (in/out) 2.5 mm jack, Ambient Light Sensor

## Convenience

**Placement:** Landscape (24/7), Portrait (24/7)  
**Tiled Matrix:** Up to 15 x 15  
**Screen saving functions:** Pixel Shift, Low Bright  
**Signal loop through:** DisplayPort, RS232, HDMI, IR Loopthrough  
**Ease of installation:** Carrying Handles, Conformal Coating, Edge Alignment Kit  
**Energy saving functions:** Smart Power  
**Network controllable:** RS232, RJ45

## Sound

**Built-in speakers:** 2 x 10W RMS

## Power

**Mains power:** 100 ~ 240 VAC, 50 ~ 60 Hz  
**Consumption (Typical):** 142 W  
**Consumption (Max):** 204 W  
**Standby power consumption:** <0.5 W  
**Energy Label Class:** G

## Supported Display Resolution

**Computer formats:** 640 x 480, 60, 67, 72, 75Hz, 720 x 400, 70Hz, 800 x 600, 56, 60, 72, 75Hz, 1024 x 768, 60, 70, 75Hz, 1152 x 864, 75Hz, 1152 x 870, 75Hz, 1280 x 720, 60Hz, 1280 x 800, 60Hz, 1280 x 1024, 60Hz, 1440 x 900, 60Hz, 1600 x 1200, 60Hz, 1680 x 1050, 60Hz, 1920 x 1080, 60Hz  
**Video formats:** 480p, 60Hz, 576p, 50Hz, 720p, 50, 60Hz, 1080i, 50, 60Hz, 1080p, 50, 60Hz, 3840 x 2160, 30Hz, 3840 x 2160, 60Hz

## Dimensions

**Set Width:** 1241.80 mm  
**Product weight:** 20.50 kg  
**Set Height:** 712.60 mm  
**Set Depth:** 76.80 mm (at handle), 64.0 (at wall mount) mm  
**Set Width (inch):** 48.89 inch  
**Set Height (inch):** 28.06 inch  
**Wall Mount:** 400 x 400 mm, M6  
**Set Depth (inch):** 3.02 inch (at handle), 2.52 (at wall mount) inch  
**Bezel width:** 13.9mm (Even bezel)  
**Product weight (lb):** 45.149 lb

## Operating conditions

**Altitude:** 0 ~ 5000 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)  
**Ingress protection:** IP5X

## Multimedia Applications

**USB Playback Video:** H.264, H.265, Motion JPEG, MPEG1/2, WMV3  
**USB Playback Picture:** BMP, JPEG, PNG  
**USB Playback Audio:** AAC, MPEG, HEAAC

## Accessories

**Included Accessories:** AC Switch Cover, Philips logo (x1), Power cable (x3), Quick start guide (x1), Remote control & AAA batteries, RS232 cable (3 m) (x1), RS232 daisy chain cable (x1), USB Cover (x1), Edge Alignment Kit (x2)  
**Stand:** BM05922(optional)

## Miscellaneous

**On-Screen Display Languages:** Arabic, Dutch, Danish, English, French, Finnish, German, Italian, Japanese, Norwegian, Polish, Portuguese, Russian, Spanish, Swedish, Simplified Chinese, Turkish, Traditional Chinese  
**Warranty:** 3 year warranty  
**Regulatory approvals:** CE, FCC, Class A, CB, BSMI, EAC, EMF, VCCI, PSB, EnergyStar 8.0, ETL, EPA

