

# PHILIPS

Video Wall Display

Signage Solutions

49"

Direct LED Backlight

Full HD

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

BDL4988XC



## Go big

Versatile videowall display.

Command attention with an X-Line professional videowall display. Crisp contrast and slim bezels enable clear, distraction-free imaging. Whether you're running an airport or hosting a conference.

### **Powerful system solution**

- Energy-saving automatic backlight control
- FailOver ensures that content is always playing
- OPS slot allows for PC embedding without cabling
- Tiling mode. Create tiled 4K videowalls of any size

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

- Operate, monitor and maintain with CMND and Control
- CMND and Create. Develop and launch your own content
- Remote system management through CMND
- Add Android processing power with an optional CRD50 module

### **Brilliant images. Endless possibilities.**

- Full HD monitors. Brilliant images. Clear contrast
- IPS panel: rich colour consistency from every angle
- Ultra-narrow (3.5 mm) bezels. For distraction-free images

## Highlights

### Tiling mode

Connect two or more Philips professional displays to create a tiled videowall — without the need for external devices. A single player takes care of content, whether you have four screens or 40. 4K content is fully supported and if you're showing that content on four screens you get the best possible dot-by-dot resolution.

### Optional CRD50 module

Embed an Android System-on-Chip (SoC) into your Philips Professional Display. The optional CRD50 module is an OPS device that enables Android processing power without the need for cables. Simply slide into the OPS slot, which contains all the connections needed to run the module (including power supply).

### CMND

Take control of your Philips Professional Display network. CMND lets you manage, update, maintain and play via one easy-to-use interface. From installation to daily operation.

### CMND and Control



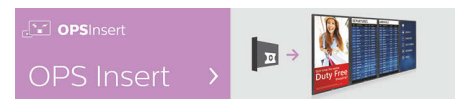
Run your display network over a local (LAN) connection. CMND and Control allows you to perform vital functions like controlling inputs and monitoring display status. Whether you're in charge of one screen or 100.

### 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.

### 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 (metric):** 123.2 cm

**Diagonal screen size (inch):** 48.5 inch

**Aspect ratio:** 16:9

**Panel resolution:** 1920 x 1080p

**Pixel pitch:** 0.56 x 0.56 mm

**Optimum resolution:** 1920 x 1080 @ 60 Hz

**Brightness:** 450 cd/m<sup>2</sup>

**Display colours:** 1073 M

**Contrast ratio (typical):** 1300:1

**Dynamic contrast ratio:** 500,000:1

**Response time (typical):** 8 ms

**Viewing angle (horizontal):** 178 degree

**Viewing angle (vertical):** 178 degree

**Picture enhancement:** 3/2 - 2/2 motion pull down, 3D Combfilter, Motion compens. deinterlacing, Progressive scan, 3D MA deinterlacing, Dynamic contrast enhancement

## Connectivity

**Audio output:** Audio Left/Right (RCA), External speaker connector

**Video input:** DVI-D, HDMI (x 2), VGA (Analogue D-Sub), DisplayPort (1.2), Component (BNC x 3), Composite (BNC)

**Audio input:** 3.5 mm jack, Audio Left/Right (RCA)

**Other connections:** OPS

**Video output:** DisplayPort, DVI-I, VGA (via DVI-I)

**External control:** IR (in/out) 3.5 mm jack, RJ45, RS232C (in/out) 2.5 mm jack

## Convenience

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

**Tiled Matrix:** Up to 10 x 10

**Screen-saving functions:** Pixel Shift, Low Bright

**Signal loop through:** RS232, VGA, DisplayPort, DVI, IR Loop through

**Ease of installation:** Carrying Handles

**Energy-saving functions:** Smart Power

**Network controllable:** RS232, RJ45, Card OPS

RS232, One Wire (HDMI-CEC)

## Sound

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

## Power

**Consumption (On mode):** 110 W (EnergyStar 6.0 test method)

**Standby power consumption:** <0.5 W

## Supported Display Resolution

**Computer formats:** 640 x 480, 60, 67, 72, 75 Hz, 800 x 600, 56, 60, 72, 75 Hz, 1024 x 768, 60 Hz, 1280 x 768, 60 Hz, 1280 x 800, 60 Hz, 1280 x 1024, 60 Hz, 1360 x 768, 60 Hz, 1366 x 768, 60 Hz, 1440 x 900, 60 Hz, 1600 x 1200, 60 Hz, 1920 x 1080, 60 Hz, 1920 x 1200, 60 Hz, 3840 x 2160, 30Hz

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

## Dimensions

**Bezel thickness:** 3.5 mm

**Set Width:** 1077.6 mm

**Product weight:** 21.6 kg

**Set Height:** 607.8 mm

**Set Depth:** 103.8 mm

**Set Width (inch):** 42.4 inch

**Set Height (inch):** 23.9 inch

**Wall Mount:** 400 x 400 mm, M6

**Set Depth (inch):** 4.1 inch

**Bezel width:** Top/Left: 2.35 mm, Bottom/Right: 1.25 mm

**Product weight (lb):** 47.6 lb

## Operating conditions

**Altitude:** 0 ~ 3000 m

**Temperature range (operation):** 0 ~ 40 °C

**MTBF:** 60,000 hour(s)

**Relative humidity:** 20 ~ 80 %

**Temperature range (storage):** -20 ~ 60 °C

## Accessories

**Included accessories:** Remote Control, Batteries for remote control, AC Power Cord, RS232 cable, User manual on CD-ROM, Quick start guide, Edge alignment pins, Edge alignment plates, DVI-D cable

**Optional accessories:** Edge finishing kit, ColourCalibrationKit (CCK4602), IR Light Motion Sensor (CRD41)

## Miscellaneous

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

**Warranty:** 3 year warranty

**Regulatory approvals:** CE, FCC, Class B, UL/cUL, CB, GOST, EPEAT

