



Philips Signage Solutions
Video Wall Display

49"

Direct LED Backlight
Full HD
450cd/m²

SignageSolutions

49BDL3005X



Go big

Versatile videowall display.

Command attention with a Philips X-Line Professional Videowall Display. Crisp contrast and narrow bezels enable clear, distraction-free imaging. Whether you're running an airport or hosting a conference.

Brilliant images. Endless possibilities.

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

Effortless setup. Total control.

- Add Android processing power with an optional CRD50 module
- CMND & Control. Operate, update, maintain

Powerful system solution

- Tiling mode. Create tiled 4K videowalls of any size
- FailOver. Ensure your display never goes blank
- OPS slot. Embed a full-power PC. No cabling required
- Energy-saving automatic backlight control

PHILIPS

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) in 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).

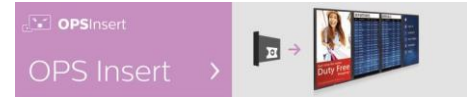
CMND & Control



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.

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.

A handwritten signature in blue ink, appearing to read 'Philips'.



Specifications

Picture/Display

- Diagonal screen size: 49 inch
- Panel resolution: 1920x1080p
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 450 cd/m²
- Contrast ratio (typical): 1300:1
- Dynamic contrast ratio: 500,000:1
- Response time (typical): 8 ms
- Aspect ratio: 16:9
- Viewing angle (H / V): 178 / 178 degree
- Pixel pitch: 0.56 x 0.56 mm
- Display colors: 1073 M
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Motion compens. deinterlacing, Progressive scan, 3D MA deinterlacing, Dynamic contrast enhancement

Supported Display Resolution

Computer formats

Resolution	Refresh rate
3840 x 2160	30Hz
1920 x 1200	60Hz
1920 x 1080	60Hz
1600 x 1200	60Hz
1440 x 900	60Hz
1366 x 768	60Hz
1360 x 768	60Hz
1280 x 1024	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

Resolution	Refresh rate
2160p	30Hz
1080p	50, 60Hz
1080i	50, 60Hz
720p	50, 60Hz
576p	50Hz
576i	50Hz
480p	60Hz
480i	60Hz

Connectivity

- Video input: DVI-D, HDMI (x2), VGA (Analog D-Sub), DisplayPort (1.2), Component (BNC x3), Composite (BNC)
- Video output: DisplayPort, DVI-I, VGA (via DVI-I)

- Audio input: 3.5 mm jack, Audio Left/Right (RCA)
- Audio output: Audio Left/Right (RCA), External speaker connector
- External control: IR (in/out) 3.5 mm jack, RJ45, RS232C (in/out) 2.5 mm jack
- Other connections: OPS

Convenience

- Signal Loop Through: RS232, VGA, DisplayPort, DVI, IR Loopthrough
- Ease of installation: Carrying Handles
- Energy saving functions: Smart Power
- Network controllable: RS232, Card OPS RS232, RJ45, One Wire (HDMI-CEC)
- Placement: Portrait, Landscape
- Screen saving functions: Pixel Shift, Low Bright
- Tiled Matrix: Up to 10 x 10

Dimensions

- Bezel thickness: 3.5 mm
- Bezel width: Top/Left: 2.35mm, Bottom/Right: 1.25mm
- Set dimensions (W x H x D): 1077.6 x 607.8 x 103.8 mm
- Set dimensions in inch (W x H x D): 42.4 x 23.9 x 4.1 inch
- VESA Mount: 400 x 400 mm, M6
- Product weight: 21.6 kg
- Product weight (lb): 47.6 lb

Operating conditions

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

Power

- Consumption (On mode): 110 W (EnergyStar 6.0 test method)
- Standby power consumption: <0.5W

Sound

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

Accessories

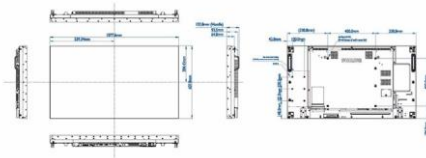
- Included Accessories: IR cable, IR sensor cable (1.8 m), RS232 daisy-chain cable, RS232 DB9 adapter cable, Thumb Screw

- Included accessories: Remote Control, Batteries for remote control, AC Power Cord, 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
- Regulatory approvals: CE, FCC, Class B, UL/cUL, CB, GOST, EPEAT
- Warranty: 3 year warranty

Philips 49BDL3005X
Version: 1.0
Release Date: 2019/02/22



Issue date 2019-05-10

Version: 1.1.1

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