

Philips Signage Solutions
Video Wall Display

49"

Direct LED Backlight
Full HD
450cd/m²

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.

Effortless setup. Total control.

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

Powerful system solution

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

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

PHILIPS

Highlights

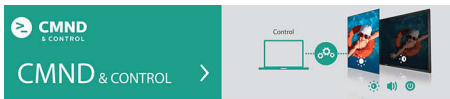
Tiling mode

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).

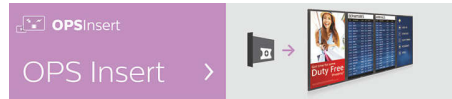
CMND & Control



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

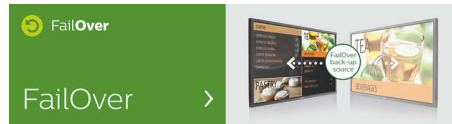


Integrate a full-power PC or Android-powered CRD50 module directly into your Philips Professional Display. The OPS slot contains all the connections you need to run your slot-in solution, including a power supply.

Energy-saving

Energy-saving automatic backlight control

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 content keeps playing even if the primary source goes down. Simply set a list of alternate inputs to be sure your business is always on.

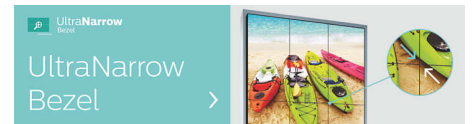
Full HD monitors

Full HD monitors. Brilliant images. Clear contrast

IPS panel rich color

IPS panel: rich color consistency from every angle

Ultra-narrow bezels



Ultra-narrow (3.5 mm) bezels. For distraction-free images

Specifications

Connectivity

- Audio output: Audio Left/Right (RCA), External speaker connector
- Video input: DVI-D, HDMI (x2), VGA (Analog D-Sub), DisplayPort (1.2), Component (BNC x3), 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

Picture/Display

- Diagonal screen size (metric): 123.2 cm
- Diagonal screen size (inch): 48.5 inch
- Aspect ratio: 16:9
- Panel resolution: 1920x1080p
- Pixel pitch: 0.56 x 0.56 mm
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 450 cd/m²
- Display colors: 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

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 Loophthrough
- Ease of installation: Carrying Handles
- Energy saving functions: Smart Power
- Network controllable: RS232, Card OPS RS232, RJ45, One Wire (HDMI-CEC)

Sound

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

Power

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

- Standby power consumption: <0.5W
- Energy Label Class: G

Supported Display Resolution

- Computer formats: 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: 2160p, 30Hz, 1080p, 50, 60Hz, 1080i, 50, 60Hz, 720p, 50, 60Hz, 576p, 50Hz, 576i, 50Hz, 480p, 60Hz, 480i, 60Hz

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: 2.35mm, Bottom/Right: 1.25mm
- 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, Quick start guide, Edge alignment pins, Edge alignment plates, DVI-D cable
- Included Accessories: IR cable, IR sensor cable (1.8 m) (x1), RS232 daisy-chain cable, RS232 DB9 adapter cable, Thumb Screw
- Optional accessories: Edge finishing kit, ColourCalibrationKit (CCK4602), IR Light Motion Sensor (CRD41)

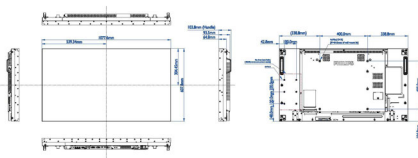
Miscellaneous

- 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

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



Issue date 2024-03-24

Version: 1.1.1

EAN: 87 12581 75787 8

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