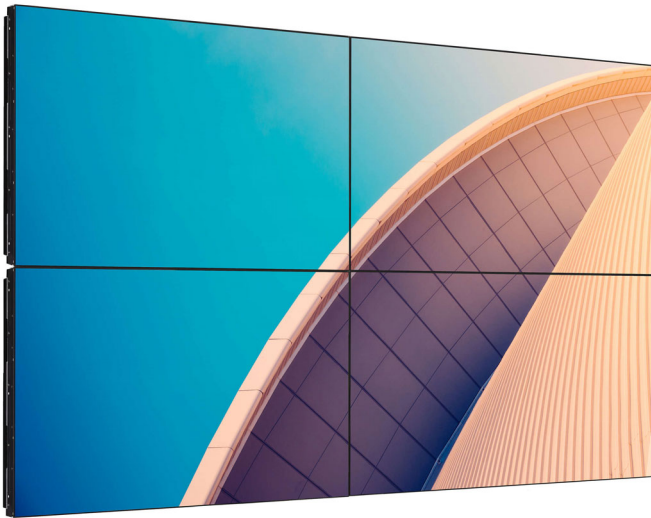


Philips Signage Solutions
Video Wall Display

49"

Direct LED Backlight
Full HD
500cd/m²

49BDL2005X



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
- 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

Cost-effective system solution

- FailOver ensures content is always playing

PHILIPS

Video Wall Display
49" Direct LED Backlight, Full HD, 500cd/m²

Highlights

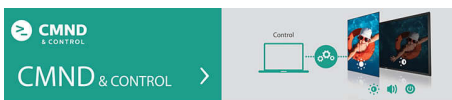
Tiling mode

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).

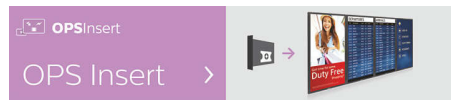
CMND & Control



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

Full HD monitors

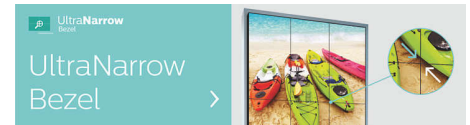
Full HD monitors. Brilliant images. Clear contrast

IPS panel rich color

IPS panel: rich color consistency from every angle

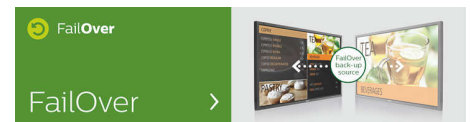
49BDL2005X/75

Ultra-narrow bezels



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

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.

Specifications

Connectivity

- Audio output: 3.5mm jack, External speaker connection
- Video input: DVI-D, VGA (Analog D-Sub), Component (BNC x3), DisplayPort 1.2 (x1), HDMI 1.4 (x2), Composite (Share component Y), USB 2.0 (x1)
- Audio input: 3.5 mm jack, Audio Left/Right (RCA)
- Other connections: OPS
- Video output: DisplayPort 1.2 (x1), DVI-I (x1)
- 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: 0.559 x 0.559 mm
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 500 cd/m²
- Display colors: 1.07B
- Contrast ratio (typical): 1200 : 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, Motion compens. deinterlacing, Progressive scan, Dynamic contrast enhancement
- Haze: 3%

Convenience

- Placement: Portrait, Landscape
- Tiled Matrix: Up to 10 x 10
- Screen saving functions: Pixel Shift, Low Bright
- Signal loop through: RS232, DisplayPort, DVI Loopthrough, IR Loopthrough
- Ease of installation: Carrying Handles, Smart Insert
- Energy saving functions: Smart Power
- Network controllable: RS232, RJ45
- Control software: SICP / CMND&Control

Sound

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

Power

- Consumption (Typical): 100 W
- Consumption (Max): 220 W
- Standby power consumption: $\leq 0.5W$

Supported Display Resolution

- Computer formats: 1024 x 768, 60, 75Hz, 1280 x 1024, 60Hz, 1280 x 768, 60Hz, 1280 x 800, 60Hz, 1280 x 960, 60Hz, 1360 x 768, 60Hz, 1366 x 768, 60Hz, 1600 x 1200, 60Hz, 1920 x 1080, 60Hz, 640

- x 480, 60, 72, 75Hz, 720 x 400, 70Hz, 800 x 600, 60, 75Hz, 3840 X 2160, 30Hz (Tiling)
- Video formats: 1080i, 25, 30Hz, 1080p, 50, 60Hz, 720p, 50, 60Hz

Dimensions

- Bezel thickness: 3.5 mm (B-B)
- Smart Insert mount: 100 x 100mm, 6 x M4 L6
- Set Width: 1077.6 mm
- Product weight: 21.0 kg
- Set Height: 607.8 mm
- Set Depth: 93.5 mm mm
- Set Width (inch): 42.4 inch
- Set Height (inch): 23.9 inch
- Wall Mount: 400 x 400 mm, M6
- Set Depth (inch): 3.68 inch
- Bezel width: Top/Left: 2.3mm, Bottom/Right: 1.2mm
- Product weight (lb): 47.30 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: ISM, M4V, MK3D, MKV, MPD, MPEG, MPG, MT2, MTS, TS, VOB, MP4, TTS
- USB Playback Picture: BMP, GIF, JPEG, JPG, PNG
- USB Playback Audio: AAC, AIF, AIFF, ASF, M3U, M4A, MP3, MP4, PLS, WAV, WMA

Accessories

- Included accessories: Remote Control, Batteries for remote control, AC Power Cord, Quick start guide, DVI-D cable, RS232 cable, Edge alignment pins
- Included Accessories: IR cable, IR sensor cable (1.8 m) (x1), RS232 daisy chain cable, Kit-1 (x1), Kit-2 (x2), Thumb Screw (x8)
- Optional accessories: Color calibration kit, CRD41, Edge finishing kit

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, CB, BSMI, CU, ETL, FCC, Class A, PSB, RoHS



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