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
- Operate, monitor and maintain with CMND & Control

Powerful system solution
- Tiling mode. Create tiled 4K videowalls of any size
- OPS slot allows for PC embedding without cabling
- Energy-saving automatic backlight control

Cost-effective system solution
- FailOver ensures content is always playing
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.

**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

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

### Picture/Display
- Diagonal screen size: 48.5 inch / 123.2 cm
- Panel resolution: 1920x1080p
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 500 cd/m²
- Contrast ratio (typical): 1200 : 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: 0.559 x 0.559 mm
- Display colors: 1.07B
- Picture enhancement: 3/2 - 2/2 motion pull down, Motion compens. deinterlacing, Progressive scan, Dynamic contrast enhancement
- Haze: 3%

#### Supported Display Resolution

<table>
<thead>
<tr>
<th>Computer formats</th>
<th>Resolution</th>
<th>Refresh rate</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1024 x 768</td>
<td>60, 75Hz</td>
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<tr>
<td></td>
<td>1280 x 1024</td>
<td>60Hz</td>
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<td>1280 x 768</td>
<td>60Hz</td>
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<tr>
<td></td>
<td>1280 x 800</td>
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<td></td>
<td>1280 x 960</td>
<td>60Hz</td>
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<tr>
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<td>1600 x 1200</td>
<td>60Hz</td>
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<tr>
<td></td>
<td>1920 x 1080</td>
<td>60Hz</td>
</tr>
<tr>
<td></td>
<td>640 x 480</td>
<td>60, 72, 75Hz</td>
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<tr>
<td></td>
<td>720 x 400</td>
<td>70Hz</td>
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<tr>
<td></td>
<td>800 x 600</td>
<td>60, 75Hz</td>
</tr>
<tr>
<td></td>
<td>3840 x 2160</td>
<td>30Hz (Tiling)</td>
</tr>
</tbody>
</table>

#### Video Formats

<table>
<thead>
<tr>
<th>Resolution</th>
<th>Refresh rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>1080i</td>
<td>25, 30Hz</td>
</tr>
<tr>
<td>1080p</td>
<td>50, 60Hz</td>
</tr>
<tr>
<td>720p</td>
<td>50, 60Hz</td>
</tr>
</tbody>
</table>

### Connectivity

- Video input: DVI-D, VGA (Analog D-Sub), Component (BNC x3), DisplayPort1.2 (x1), HDMI 1.4 (x2), Composite (Share component Y), USB 2.0 (x1)
- Audio input: 3.5 mm jack, Audio Left/Right (RCA)
- Audio output: 3.5mm jack, External speaker connection
- 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, DisplayPort, DVI Loopthrough, IR Loopthrough
- Ease of installation: Carrying Handles, Smart Insert
- Energy saving functions: Smart Power
- Network controllable: RS232, RJ45
- Placement: Portrait, Landscape
- Screen saving functions: Pixel Shift, Low Bright

### Dimensions
- Bezel width: Top/Left: 2.3mm, Bottom/Right: 1.2mm
- Set dimensions (W x H x D): 1077.6 x 607.8 x 93.5 mm
- Set dimensions in inch (W x H x D): 42.4 x 23.9 x 3.68 inch
- VESA Mount: 400 x 400 mm, M6
- Product weight: 21.0 kg
- Product weight (lb): 47.30 lb
- Smart Insert mount: 100 x100mm, 6 x M4 L6
- Bezel thickness: 3.5 mm (B-B)

### Operating Conditions
- Temperature range (operation): 0 ~ 40 °C
- Temperature range (storage): -20 ~ 60 °C
- Altitude: 0 ~ 3000 m
- MTBF: 50,000 hour(s)
- Humidity range (operation) [RH]: 20 ~ 80% RH (No condensation)
- Humidity range (storage) [RH]: 5 ~ 95% RH (No condensation)

### Power
- Standby power consumption: <0.5W
- Consumption (Max): 220 W
- Consumption (Typical): 100 W

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

### Accessories
- Included Accessories: IR cable, IR sensor cable (1.8 m) (x1), RS232 daisy chain cable, Kit-1 (x1), Kit-2 (x2), Thumb Screw (x8)
- Included accessories: Remote Control, Batteries for remote control, AC Power Cord, Quick start guide, DVI-D cable, RS232 cable, Edge alignment pins
- 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
- Regulatory approvals: CE, CB, BSMI, CU, ETL, FCC, Class A, PSB, RoHS
- Warranty: 3 year warranty

### Multimedia Applications
- USB Playback Audio: AAC, AIF, AIFF, ASF, MJU, M4A, MP3, MP4, PLS, WAV, WMA
- USB Playback Picture: BMP, GIF, JPEG, JPG, PNG
- USB Playback Video: ISM, M4V, MK3D, MKV, MPD, MPEG, MPG, MT2, MTS, TS, VOB, MP4, TTS

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