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.

**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

**Effortless setup. Total control.**
- Add Android processing power with an optional CRD50 module
- CMND: Remote system management
- CMND and Control. Operate, monitor, maintain
- CMND and Create. Develop and launch your own content

**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
Specifications

Picture/Display
- Diagonal screen size: 54.6 inch / 138.7 cm
- Panel resolution: 1920 x 1080p
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 500 cd/m²
- Contrast ratio (typical): 500,000:1
- Response time (typical): 12 ms
- Aspect ratio: 16:9
- View Angle (H / V): 178 / 178 degrees
- Pixel pitch: 0.63 x 0.63 mm
- Display colours: 1073 M
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- Aspect ratio: 16:9
- View Angle (H / V): 178 / 178 degrees
- Pixel pitch: 0.63 x 0.63 mm
- Dynamic contrast ratio: 500,000:1
- Contrast ratio (typical): 1400:1
- Response time (typical): 12 ms
- Aspect ratio: 16:9
- View Angle (H / V): 178 / 178 degrees
- Pixel pitch: 0.63 x 0.63 mm
- Bezel thickness: 2.3 mm
- Bezel width: Top/Left: 2.3 mm, Bottom/Right: 1.2 mm
- Set dimensions (W x H x D): 1213.4 x 684.2 x 107.65 mm
- Product weight: 29.2 kg
- VESA Mount: 400 x 400 mm
- 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
  - Mains power: 110-240V
  - Consumption (On mode): 110 W (EnergyStar 6.0 test method)
  - Standby power consumption: <0.5 W
- Sound
  - Built-in speakers: 2 x 10 W (RMS)
- Accessories
  - Included accessories: Remote Control, Batteries for remote control, AC Power Cord, RS232 cable, Quick start guide, Edge alignment pins, Edge alignment plates
  - Optional accessories: Edge finishing kit, ColourCalibrationKit (CCK4602)
- 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

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

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Connectivity
- Video input: Component (RCA), Composite (RCA), DVI-D, HDMI (x2), VGA (Analogue D-Sub), DisplayPort (1.2)
- Video output: DisplayPort, DVI-I, VGA (via DVI-I)
- Audio input: 3.5-mm jack, Audio Lefi/Right (RCA)
- Audio output: Audio Lefi/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

SmartPower
- SmartControl
- ColourCalibration
- UltraNarrow
- FailOver

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Highlights

Tiling mode
Connect two or more Philips professional displays to create a tiled video wall — 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, 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.

<OPS Insert>