PHILIPS

Video Wall Display

Signage Solutions

55"

Direct LED Backlight

Full HD

500 cd/m²

BDL5588XC

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.

Powerful system solution

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

Effortless setup. Total control.

- Operate, monitor and maintain with CMND and Control
- CMND and Create. Develop and launch your own content
- Remote system management through CMND
- Add Android processing power with an optional CRD50 module

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

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) 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, update, 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.

SmartPower · Advanced ColourCalibration · FailOver · SmartControl · UltraNarrow Bezel

Specifications

Picture/Display
Diagonal screen size (metric): 138.7 cm
Diagonal screen size (inch): 54.6 inch
Aspect ratio: 16:9
Panel resolution: 1920 x 1080p
Pixel pitch: 0.63 x 0.63 mm
Optimum resolution: 1920 x 1080 @ 60 Hz
Brightness: 500 cd/m²
Display colours: 1073 M
Contrast ratio (typical): 1400:1
Dynamic contrast ratio: 500,000:1
Response time (typical): 12 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

Connectivity
Audio output: Audio Left/Right (RCA), External speaker connector
Video input: Component (RCA), Composite (RCA), DVI-D, HDMI (x 2), VGA (Analogue D-Sub), DisplayPort (1.2)
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

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

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

Power
Mains power: 110-240V
Consumption (On mode): 110 W (EnergyStar 6.0 test method)
Standby power consumption: <0.5 W

Supported Display Resolution
Computer formats: 640 x 480, 60, 67, 72, 75 Hz, 800 x 600, 56, 60, 72, 75 Hz, 1024 x 768, 60 Hz, 1280 x 768, 60 Hz, 1280 x 800, 60 Hz, 1280 x 1024, 60 Hz, 1360 x 768, 60 Hz, 1366 x 768, 60 Hz, 1440 x 900, 60 Hz, 1600 x 1200, 60 Hz, 1920 x 1080, 60 Hz, 1920 x 1200, 60 Hz, 3840 x 2160, 30Hz
Video formats: 480i, 60 Hz, 480p, 60 Hz, 576p, 50 Hz, 576i, 50 Hz, 720p, 50, 60 Hz, 1080i, 50, 60 Hz, 1080p, 50, 60 Hz, 2160p, 30 Hz

Dimensions
Bezel thickness: 3.5 mm
Set Width: 1213.4 mm
Product weight: 29.2 kg
Set Height: 684.2 mm
Set Depth: 107.65 mm
Wall Mount: 400 x 400 mm
Bezel width: Top/Left: 2.3 mm, Bottom/Right: 1.2 mm

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, 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
Warranty: 3 year warranty
Regulatory approvals: CE, FCC, Class B, UL/cUL, CB, GOST, EPEAT

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