Philips
Video Wall Display

55"
Direct LED Backlight
Full HD
700cd/m²

55BDL8007X

Impressive videowall

Inspire your team and guests

Take presentations and corporate branding to the next level. The Philips X-Line Videowall display brings your content to life to ensure absolute audience engagement in every setting with Pure Colour Pro.

Effortless setup. Total control.
- Operate, monitor and maintain with CMND & Control
- Add Android processing power with an optional CRD50 module

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

Brilliant images. Endless possibilities.
- Full HD monitors. Brilliant images. Clear contrast
- IPS panel: rich color consistency from every angle
- Ultra-narrow bezels. For distraction-free images

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

PHILIPS

Video Wall Display
55" Direct LED Backlight, Full HD, 700cd/m²

Specifications

Picture/Display
- Diagonal screen size: 54.5 inch / 138.7 cm
- Panel resolution: 1920x1080p
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 700 cd/m²
- Dynamic contrast ratio: 500,000:1
- Response time (typical): 8 ms
- Aspect ratio: 16:9
- Viewing angle (H / V): 178 / 178 degree
- Pixel pitch: 0.63 x 0.63 mm
- Display colors: 1.07 B
- Contrast ratio (typical): 1200:1
- Haze: 28 %

Supported Display Resolution
- Computer formats

Resolution	Refresh rate
720 x 400	70Hz
800 x 600	60, 75Hz
1024 x 768	60, 75Hz
1280 x 768	60Hz
1280 x 800	60Hz
1280 x 960	60Hz
1280 x 1024	60Hz
1360 x 768	60Hz
1366 x 768	60Hz
1600 x 1200	60Hz
1920 x 1080	60Hz

- Video formats

Resolution	Refresh rate
720p	50, 60Hz
1080i	25, 30Hz
1080p	50, 60Hz

Connectivity
- Video input: Display Port1.2 (x1), DVI-D (x1), HDMI 2.0 (x2), VGA (Analog D-Sub) (x1)
- Audio input: 3.5 mm mini jack (x1)
- Video output: DisplayPort 1.2 (x1)
- Audio output: 3.5 mm Mini Jack (x1)
- External control: IR (in) 3.5 mm jack, IR (in/out) RJ45, RS232 (in/out) RJ45, LAN RJ45 (x2)
- Other connections: OPS, USB 2.0 (x1)

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: DisplayPort, LAN, IR and RS232 via RJ45
- Ease of installation: Carrying Handles, Smart Insert

- Energy saving functions: Smart Power
- Network controllable: LAN (RJ45)

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% (without condensation)
- Humidity range (storage) [RH]: 5 - 95% (without condensation)

Power
- Consumption (Typical): 190 W
- Consumption (Max): 370 W
- Consumption (On mode): 150 W
- Standby power consumption: 0.5 W
- Energy Label Class: G

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

Accessories
- Included Accessories: AC Switch Cover, Edge Alignment Kit, Gap pad x3, IR sensor cable (1.8 m) (x1), Quick start guide (x1), Remote control & AAA batteries, RJ45 / RS232 converter, Wire Clamper (x3), Power cord, DP cable (x1), RJ45 cable (x1)

Miscellaneous
- On-Screen Display Languages: Arabic, English, French, German, Italian, Japanese, Polish, Russian, Spanish, Simplified Chinese, Turkish, Traditional Chinese
- Regulatory approvals: CE, FCC, Class A, RoHS, CB, ETL
- Warranty: 3 years warranty

Dimensions
- Set dimensions (W x H x D): 1210.52 x 681.22 x 97.25 mm(D@WallMount)/ 98.4 mm(D@Handle) mm
- Set dimensions in inch (W x H x D): 47.66 x 26.82 x 3.83 (D@WallMount)/3.87 (D@Handle) inch
- Bezel width: 0.44 mm + 0.44 mm
- VESA Mount: 400mm x 400mm, M6
- Product weight: 23.73 kg
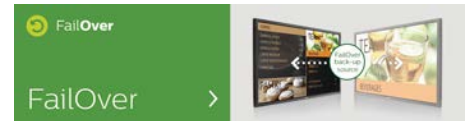
Highlights

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.

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

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.

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).

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.

Pure Colour Pro
Boost image quality with Pure Colour Pro. Delivering higher luminance through custom colour temperature settings and advanced gamma calibration, content looks crisper and more radiant for stunning realism with a visual pop.

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