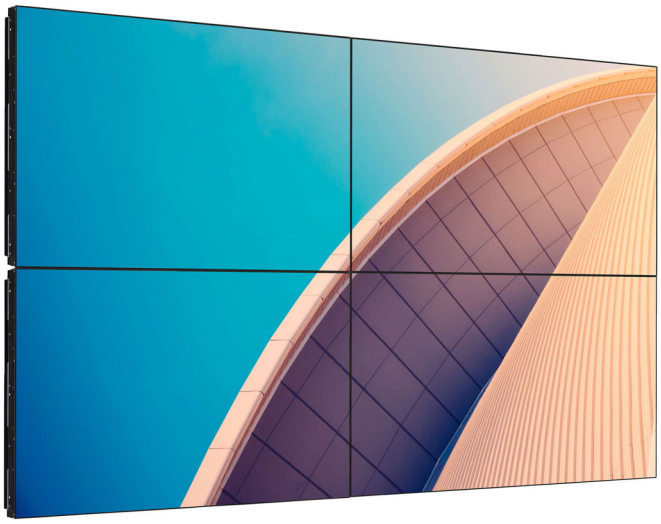
Philips Signage Solutions
Video Wall Display

55"
Direct LED Backlight
Full HD
700cd/m²

55BDL3107X



Versatile videowall display

featuring an ultra-narrow bezel

Command attention with a Philips X-Line Videowall display. An ultra-narrow bezel allows for near seamless linking for a display of any size, whilst Advanced ColourCalibration ensures a clear image in any lighting condition.

Control made easy
- Operate, monitor and maintain with CMND & Control
- Add Android processing power with an optional CRD50 module
- Remote system management through CMND

Immersive visual experience
- Direct LED IPS display with brilliant FHD picture quality
- Ultra-narrow 3.5mm bezel for near seamless display linking
- Pure Colour Pro and advanced colour accuracy

Powerful system solution
- FailOver ensures content is always playing
- OPS slot allows for PC embedding without cabling
- Tiling mode. Create tiled 4K videowalls of any size
- Energy saving automatic backlight control when using CRD41

PHILIPS

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.

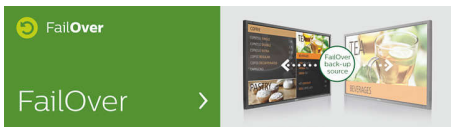
OPS slot

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.

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.

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.

Direct LED IPS dispay

Direct LED IPS display with brilliant FHD picture quality

Remote system management

Remote system management through CMND

Ultra-narrow 3.5mm bezel

Ultra-narrow 3.5mm bezel for near seamless display linking

Automatic backlight control

Energy saving automatic backlight control when using CRD41

ENERGY STAR · Advanced ColourCalibration · UltraNarrow Bezel · FailOver · SmartPower

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

55BDL3107X/00

Specifications

Connectivity
- Audio output: Audio Left/Right (RCA)
- Video input: Component BNC (x3), Composite (Share component Y), DisplayPort, DVI-D (x1), VGA (Analog D-Sub) (x1), HDMI (x2)
- Audio input: 3.5 mm jack, Audio Left/Right (RCA)
- Other connections: OPS
- Video output: DisplayPort, DVI-I (x1)
- External control: IR (in/out) 3.5 mm jack, RS232C (in/out) 2.5 mm jack, RJ45

Picture/Display
- Diagonal screen size (metric): 138.7 cm
- Diagonal screen size (inch): 54.6 inch
- Aspect ratio: 16:9
- Panel resolution: 1920x1080p
- Pixel pitch: 0.63 x 0.63 mm
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 700 cd/m²
- Display colors: 1.07 M
- 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, 3D Combfilter, Motion compens. deinterlacing, Progressive scan, 3D MA deinterlacing, Dynamic contrast enhancement

Convenience
- Placement: Landscape (24/7), Portrait (24/7)
- Tiled Matrix: Up to 15 x 15
- 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): 270 W
- Consumption (Max): 400 W
- Standby power consumption: <0.5W

Supported Display Resolution
- Computer formats: 1920 x 1080, 60Hz, 1600 x 1200, 60Hz, 1366 x 768, 60Hz, 1360 x 768, 60Hz, 1280 x 1024, 60Hz, 1280 x 800, 60Hz, 1280 x 768, 60Hz, 1024 x 768, 60, 75Hz, 1280 x 960, 60Hz, 640 x 480, 60, 72, 75Hz, 720 x 400, 70Hz, 800 x 600, 60, 75Hz
- Video formats: 1080p, 50, 60Hz, 720p, 50, 60Hz, 1080i, 25, 30Hz

Dimensions
- Bezel thickness: 3.5 mm (A-A)
- Set Width: 1213.4 mm
- Product weight: 26.2 kg
- Set Height: 684.2 mm
- Set Depth: 98 mm(D@Wall Mount)/ 99.2 (D@Handle) mm
- Set Width (inch): 47.77 inch
- Set Height (inch): 26.94 inch
- Wall Mount: 400 x 400 mm
- Set Depth (inch): 3.86 (D@Wall Mount)/ 3.91 (D@Handle) inch
- Bezel width: Top/Left: 2.3mm, Bottom/Right: 1.2mm

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, Manifest, MK3D, MKV, MP4, MPD, MPEG, MPG, MT2, MTS, TS, TTS, VOB
- USB Playback Picture: BMP, GIF, JPEG, JPG, PNG
- USB Playback Audio: AAC, AIF, AIFF, ASF, LPCM, M3U, M4A, MP3, MP4, PLS, WMA

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

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, UL/cUL, CB, GOST, EPEAT, FCC, Class B

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Version: 9.0.1

EAN: 87 12581 76381 7

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