



Philips Professional  
Monitor  
Video Wall Display

55"

Direct LED Backlight  
Full HD  
700cd/m<sup>2</sup>



55BDL4007X

## 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

### Effortless setup. Total control.

- Operate, monitor and maintain with CMND & Control
- CMND & 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 color consistency from every angle
- Extra-narrow (1.8 mm) bezels. For distraction-free images

### Powerful system solution

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

# PHILIPS

# Specifications

## Picture/Display

- Diagonal screen size: 54.6 inch / 138.7 cm
- Panel resolution: 1920x1080p
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 700 cd/m<sup>2</sup>
- 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
640 x 480	60, 67, 72, 75Hz
800 x 600	56, 60, 72, 75Hz
1024 x 768	60Hz
1280 x 768	60Hz
1280 x 800	60Hz
1280 x 1024	60Hz
1360 x 768	60Hz
1366 x 768	60Hz
1440 x 900	60Hz
1600 x 1200	60Hz
1920 x 1080	60Hz
1920 x 1200	60Hz
3840 x 2160	30Hz

### Video formats

Resolution	Refresh rate
480i	60Hz
480p	60Hz
576p	50Hz
576i	50Hz
720p	50, 60Hz
1080i	50, 60Hz
1080p	50, 60Hz
3840 x 2160	30Hz

## Connectivity

- Video input: Composite (Share component Y), Component BNC (x3), Display Port 1.2 (x1), DVI-D (x1), HDMI 1.4 (x2), USB 2.0 (x1), VGA (Analog D-Sub) (x1)
- Audio input: 3.5 mm mini jack (x1), Audio Left / Right (RCA) x 1
- Video output: DVI-I (x1), DisplayPort 1.2 (x1)
- Audio output: External speaker connector, 3.5 mm Mini Jack (x1)
- External control: IR (in/out) 3.5 mm jack, RJ45 x2, RS232C (in/out) 2.5 mm jack
- Other connections: OPS, Thermal sensor

## 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, RS232, IR Loopthrough, DVI Loopthrough
- Ease of installation: Carrying Handles, Smart Insert
- Energy saving functions: Smart Power
- Network controllable: RS232, RJ45
- RJ45 hub: available

## Operating conditions

- Temperature range (operation): 5 ~ 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 - 90% (without condensation)

## Power

- Consumption (Typical): 165 W
- Consumption (Max): 360 W
- Standby power consumption: <0.5W

## Sound

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

## Accessories

- Stand: BM05462 / BM05922 (Optional)
- Included Accessories: AC Switch Cover, Gap pad x3, HDMI cable (1.8 m) (x1), Kit-1 (x1), Kit-2 (x2), Power cable (3 m), Quick start guide (x1), Remote control & AAA batteries, RS232 Cable (3 m), RS232 daisy-chain cable, Wire Clamper (x3)

## 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, CCC, RoHS, CB, BSMI, CEC, PSB, CU, ETL
- Warranty: 3 years warranty

## Multimedia Applications

- USB Playback Video: ISM, M2TS, M4V, Manifest, MK3D, MKV, MP4, MPEG, MPG, MPD, MT2, MTS, TS, VOB
- USB Playback Picture: BMP, GIF, JPEG, JPG, PNG
- USB Playback Audio: AAC, AIF, AIFF, ASF, M3U, M4A, MP3, MP4, PLS, WAV, WMA

## Dimensions

- Set dimensions (W x H x D): 1211.4 x 682.2 x 97.3 mm
- Set dimensions in inch (W x H x D): 47.69 x 26.86 x 3.83 inch
- Bezel width: 0.9 mm
- VESA Mount: 400mm x 400mm, M6
- Product weight: 24.9 kg

# Highlights

## 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 & 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.

## CMND & Create



Take control of your content with CMND & 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 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.

## 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.



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