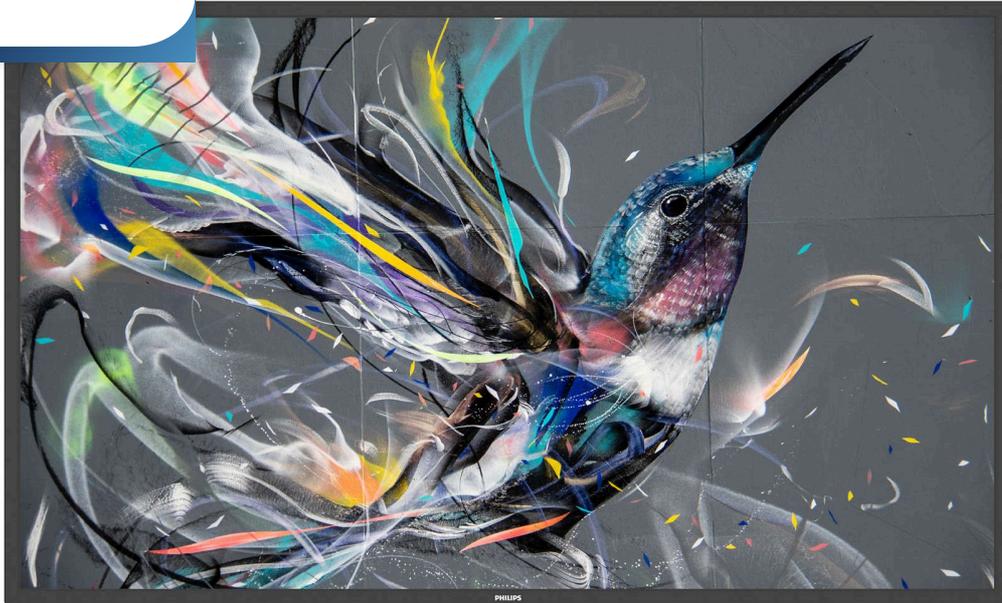


# PHILIPS



Q-Line Display

Signage Solutions

55"

Direct LED Backlight

Ultra HD



55BDL3510Q

## Stand out

Easy-setup 18/7 display.

Inform and enthrall with a Philips Q-Line Professional Ultra HD Display. This reliable solution can be up and running as quickly as you need.

### **Cost-effective system solution**

- Energy-saving automatic backlight control
- Integrated media player. Easily schedule USB content
- FailOver ensures that content is always playing
- Easy control. Remotely manage networked displays

### **Effortless setup. Total control.**

- Operate, monitor and maintain with CMND and Control
- Schedule what you want, when you want with SmartPlayer

### **Superb picture. Ultra-high brightness.**

- Ultra-HD. Rich images. Stunning contrast

## Highlights

### 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.

### Integrated media player

Easily schedule content to play from USB. Your Philips Professional Display will wake from standby to play the content you want, and then return to standby once playback has finished.

### 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

that content keeps playing even if the primary source goes down. Simply set a list of alternative inputs to be sure your business is always on.

### SmartPlayer



Turn your USB into a true cost-effective digital signage device. Simply save your content (video, audio, pictures) on your USB and plug into your display. Create your playlist and schedule your content via the on-screen menu, and enjoy your own playlists anytime, anywhere.

# Specifications

## Picture/Display

Diagonal screen size (metric): 138.7 cm  
 Diagonal screen size (inch): 54.6 inch  
 Aspect ratio: 16:9  
 Panel resolution: 3840 x 2160  
 Pixel pitch: 0.372 x 0.372 mm  
 Optimum resolution: 3840 x 2160 @ 60 Hz  
 Brightness: 400 cd/m<sup>2</sup>  
 Display colours: 1.07 Billion  
 Contrast ratio (typical): 1300:1  
 Dynamic contrast ratio: 500,000:1  
 Response time (typical): 9 ms  
 Viewing angle (horizontal): 178 degree  
 Viewing angle (vertical): 178 degree  
 Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, 3D MA deinterlacing, Dynamic contrast enhancement, Motion compens. deinterlacing, Progressive scan  
 Panel technology: IPS  
 Clinical image: D-Image preset (dicom part 14 compatible)

## Connectivity

Audio output: 3.5 mm jack  
 Video input: DVI-I (x 1), HDMI 2.0 (x 2), USB 2.0 (x 2)  
 Audio input: 3.5 mm jack  
 External control: RJ45, RS232C (in/out) 2.5 mm jack, IR (in/out) 3.5 mm jack

## Convenience

Placement: Landscape, Portrait  
 Tiled Matrix: Up to 15 x 15  
 Keyboard control: Lockable, Hidden

Remote control signal: Lockable  
 Signal loop through: RS232, IR Loop through  
 Energy-saving functions: Smart Power  
 Network controllable: RS232, RJ45  
 Start-up: Switch on delay, Switch on status, Boot on source  
 Start-up window: enable/disable Philips logo

## Sound

Built-in speakers: 2 x 10 W RMS

## Power

Mains power: 100 ~ 240 VAC  
 Consumption (Typical): 120 W  
 Consumption (Max): 180 W  
 Standby power consumption: <0.5 W  
 Power Saving Features: Smart Power  
 Energy Label Class: G

## Supported Display Resolution

Computer formats: 1920 x 1080, 60 Hz, 1600 x 1200, 60 Hz, 1440 x 900, 60 Hz, 1280 x 1024, 60 Hz, 1280 x 720, 60 Hz, 1280 x 800, 60 Hz, 1024 x 768, 60, 70, 75 Hz, 720 x 400, 70 Hz, 640 x 480, 60, 67, 72, 75 Hz, 1152 x 870, 75 Hz, 1680 x 1050, 60 Hz, 800 x 600, 56, 60, 72, 75 Hz, 1152 x 864, 75 Hz, 832 x 624, 75 Hz  
 Video formats: 3840 x 2160, 60 Hz, 3840 x 2160, 30Hz, 720p, 60 Hz, 480i, 60 Hz, 480p, 60 Hz, 576i, 50 Hz, 576p, 50 Hz, 1080i, 50, 60 Hz, 1080p, 50, 60 Hz

## Dimensions

Set Width: 1241.8 mm  
 Product weight: 16.6 kg  
 Set Height: 712.6 mm  
 Set Depth: 63.6 mm  
 Set Width (inch): 48.89 inch  
 Set Height (inch): 28.06 inch  
 Wall Mount: 400 mm x 400 mm, M6  
 Set Depth (inch): 2.50 inch  
 Bezel width: 13.9 mm (Even bezel)  
 Product weight (lb): 36.60 lb

## 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: H.264, JPEG, MPEG, WMV3  
 USB Playback Picture: JPEG, BMP, PNG  
 USB Playback Audio: AAC, HEAAC, MPEG, WMA

## Accessories

Included accessories: AC Power Cord, RS232 cable, Remote Control, Batteries for remote control, Quick start guide  
 Included Accessories: IR sensor cable (1.8 m) (x 1), RS232 daisy-chain cable, Philips logo (x 1), USB Cover and screw (x 2)  
 Stand: BM05922(optional)

## Miscellaneous

On-Screen Display Languages: English, French, German, Italian, Polish, Turkish, Russian, Simplified Chinese, Spanish, Traditional Chinese, Arabic, Japanese  
 Warranty: 3 year warranty  
 Regulatory approvals: CE, CB, BSMI, CU, EPA, ETL, FCC, Class A, VCCI

