

Philips Signage Solutions  
Q-Line Display

50"

Direct LED Backlight  
Ultra HD

50BDL3010Q



## 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-with no additional hardware.

### **Brilliant picture. Reliable performance**

- Ultra-HD. Rich images. Stunning contrast

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

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

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

- Operate, monitor and maintain with CMND & Control

# PHILIPS

Q-Line Display  
50" Direct LED Backlight, Ultra HD

# Highlights

## Ultra-HD Resolution

Ultra-HD. Rich images. Stunning contrast

## 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.

## 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 is done.

## Energy-saving

Energy-saving automatic backlight control

## Easy control

Easy control. Remotely manage networked displays

50BDL3010Q/00

## 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.

# Specifications

## Connectivity

- Audio output: Audio Left/Right (RCA)
- Video input: DVI-I (x 1), HDMI (x4), USB, VGA (via DVI)
- Audio input: 3.5 mm jack
- External control: RJ45, RS232C (in/out) 2.5 mm jack, IR (in/out) 3.5 mm jack

## Picture/Display

- Diagonal screen size (metric): 125.7 cm
- Diagonal screen size (inch): 49.5 inch
- Aspect ratio: 16:9
- Panel resolution: 3840 x 2160
- Pixel pitch: 0.2854 x 0.2854 mm
- Optimum resolution: 3840 x 2160 @ 60 Hz
- Brightness: 350 cd/m<sup>2</sup>
- Display colors: 1.07 Billion
- Contrast ratio (typical): 4000:1
- 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, 3D MA deinterlacing, Dynamic contrast enhancement, Motion compens. deinterlacing, Progressive scan
- Panel technology: VA
- Clinical image: D-Image preset (dicom part 14 compatible)

## Convenience

- Placement: Landscape
- Tiled Matrix: Up to 15 x 15
- Keyboard control: Lockable, Hidden
- Remote control signal: Lockable
- Signal loop through: RS232, IR Loopthrough
- 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 10W RMS

## Power

- Mains power: 100 - 240V~, 50/60Hz
- Consumption (On mode): 115 W
- Consumption (Typical): 115 W
- Consumption (Max): 150 W
- Standby power consumption: <math>\leq 0.5\text{W}</math>
- Power Saving Features: Smart Power
- Energy Label Class: G

## Supported Display Resolution

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

## Dimensions

- Set Width: 1123.6 mm
- Product weight: 12.75 kg
- Set Height: 646.7 mm
- Set Depth: 69.2 mm
- Set Width (inch): 44.24 inch
- Set Height (inch): 25.46 inch
- Wall Mount: 400mm x 400mm , M6
- Set Depth (inch): 2.72 inch
- Bezel width: 11.8 (TLR) / 14.3 (B) mm
- Product weight (lb): 28.11 lb

## Operating conditions

- Altitude: 0 ~ 3000 m
- Temperature range (operation): 5 ~ 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: MPEG, H.264, JPEG

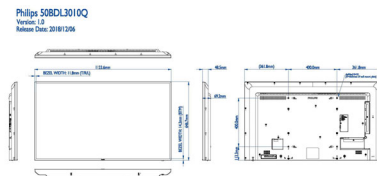
- USB Playback Picture: JPEG, BMP, PNG
- USB Playback Audio: AAC, WMA, HEAAC, MPEG

## 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) (x1), RS232 daisy-chain cable, USB Cover and screw x1
- Stand: BM02542/BM05922

## Miscellaneous

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



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