Philips Signage Solutions
Q-Line Display

48"
Direct LED Backlight
Full HD

BDL4830QL

Stand out

Easy-setup 16/7 display.

Inform and enthral with a Philips Q-Line professional Full HD display. This reliable solution can be up and running as quickly as you need-with no additional hardware.

Brilliant picture. Reliable performance
- Full HD. Clear images. Crisp contrast

Effortless setup. Total control.
- Operate, monitor and maintain with CMND & Control
- CMND & Create. Develop and launch your own content
- Remote system management through CMND

Cost-effective system solution
- Energy-saving automatic backlight control
- Integrated media player. Easily schedule USB content
- Internal memory. Upload content for instant play
- Easy control. Remotely manage networked displays

PHILIPS

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48" Direct LED Backlight, Full HD

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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.

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.

Internal memory

Save and play content without the need for a permanent external player. Your Philips professional display has an internal memory, which allows you to upload media into the display for instant playback. The internal memory also functions as a cache for online streaming.

Energy-saving

Energy-saving automatic backlight control

Full HD. Clear images. Crisp

Full HD. Clear images. Crisp contrast

Easy control

Easy control. Remotely manage networked displays

FullHD · Clinical D-Image · HTML 5 · SmartPower · SmartControl · SmartPlayer · SmartCMS

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Specifications

Connectivity
- Audio output: Audio Left/Right (RCA), 3.5mm jack
- Video input: DVI-D, HDMI, Component (RCA), Composite (RCA), VGA (Analog D-Sub)
- Audio input: 3.5 mm jack, Audio Left/Right (RCA)
- Other connections: USB
- External control: RJ45, RS232C (in/out) 2.5 mm jack, IR (in/out) 3.5 mm jack

Picture/Display
- Diagonal screen size (metric): 120.9 cm
- Diagonal screen size (inch): 47.6 inch
- Aspect ratio: 16:9
- Panel resolution: 1920x1080p
- Pixel pitch: 0.549 x 0.549 mm
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 350 cd/m²
- Display colors: 16.7 Million
- 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
- DICOM: Clinical D-image

Convenience
- Tiled Matrix: Up to 15 x 15
- Screen saving functions: Pixel Shift
- Keyboard control: Lockable, Hidden
- Signal loop through: RS232, IR Loopthrough
- Energy saving functions: Smart Power
- Network controllable: RS232, RJ45, One Wire (HDMI-CEC)
- Memory: Internal memory access, 8GB eMMC
- Start-up: Wake up on LAN, Switch on delay, Switch on status
- Start-up window: enable / disable Philips logo

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

Power
- Mains power: 100 ~ 240 VAC
- Consumption (On mode): 115 W (EnergyStar 6.0 test method)
- Standby power consumption: <0.5W

Supported Display Resolution
- Computer formats: 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, 1360 x 768, 60Hz, 1366 x 768, 60Hz, 1440 x 900, 60Hz, 1600 x 1200, 60Hz, 1920 x 1080, 60Hz, 1920 x 1200, 60Hz
- Video formats: 480i, 60Hz, 480p, 60Hz, 576p, 50Hz, 576i, 50Hz, 720p, 50, 60Hz, 1080i, 50, 60Hz, 1080p, 50, 60Hz

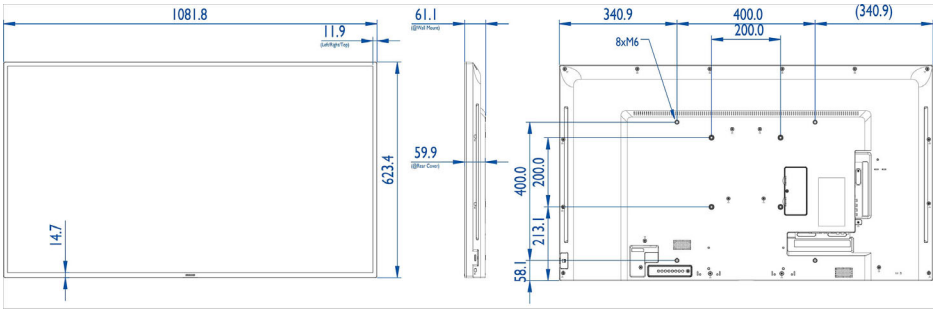
Dimensions
- Set Width: 1081.8 mm
- Product weight: 11.52 kg
- Set Height: 623.4 mm
- Set Depth: 59.9 mm
- Set Width (inch): 42.59 inch
- Set Height (inch): 24.54 inch
- Wall Mount: 400 x 400 mm, 200x200 mm, M6
- Set Depth (inch): 2.36 inch
- Bezel width: 11.9 (TLR) / 14.7 (B) mm
- Product weight (lb): 25.4 lb

Operating conditions
- Temperature range (operation): 5 ~ 40 °C
- MTBF: 50,000 hour(s)
- Relative humidity: 20 ~ 80 %
- Temperature range (storage): -20 ~ 60 °C

Multimedia Applications
- USB Playback Video: 3G2, 3GP, ASF, ASX, AVI, DAT, F4V, FLV, M2TS, M4V, MK3D, MKV, MOV, MP4, MPE, MPEG, MPG, MTS, QT, TRP, TS, TTS, VOB, WEBM, WMV, Xvid
- USB Playback Picture: BMP, GIF, JPEG, JPG
- USB Playback Audio: AAC, AC3, AIF, AIFF, AMR, EC3, M4A, MP3, OGA, OGG, WAV, WMA

Accessories
- Included accessories: AC Power Cord, RS232 cable, VGA cable, Remote Control, Batteries for remote control, User manual on CD-ROM, Quick start guide

Miscellaneous
- On-Screen Display Languages: English, French, German, Italian, Polish, Russian, Spanish, Turkish, Simplified Chinese, Traditional Chinese
- Warranty: Global: 3 years
- Regulatory approvals: CE, CCC, UL/cUL, C-Tick, BSMI, CB, GOST, CECP, EPA



Issue date 2024-03-24
Version: 3.2.1
EAN: 87 12581 73031 4

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