

PHILIPS

Q-Line Display

Signage Solutions

49"

3840 x 2160 (4K UHD)

Ultra HD

49BDL3050Q



Show more

Simple, smart, sharp 18/7 display.

Turn up the stopping power with the Q-Line UHD Android display that goes big on resolution. Benefit from fast, hardware-free installation and superb picture quality. Easily display online and local content.

Superb picture. Smooth performance

- Ultra-HD. Rich images. Stunning contrast
- IPS panel: rich colour consistency from every angle
- Android SoC processor. Native and web apps

Effortless setup. Total control.

- Operate, monitor and maintain with CMND and Control
- CMND and Create. Develop and launch your own content
- CMND & Deploy. Install and launch apps remotely
- Remote system management through CMND

Cost-effective system solution

- Energy-saving automatic backlight control
- Integrated media player. Easily schedule USB content
- Integrated HTML5 browser. Play and control online content
- Internal memory. Upload content for instant play

Highlights

Powered by Android

Control your display via an Internet connection. Android-powered Philips Professional Displays are optimised for native Android apps and you can install web apps directly to the display too. A new Android OS ensures the software is kept secure and stays up to date with the latest specification for longer.

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 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.

CMND and Create



Take control of your content with CMND and 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 that your stills, text and video will be up and running in no time.

CMND & Deploy

Quickly install and launch any app - even when you're off site and working remotely. CMND & Deploy lets you add and update your own apps, as well as apps from the Philips Professional Display App Store. Simply scan the QR code, log in to the store and click on the app you want to install. The app will be automatically downloaded and launched.

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.

Specifications

Picture/Display

Diagonal screen size (metric): 123.2 cm
 Diagonal screen size (inch): 48.5 inch
 Aspect ratio: 16:9
 Panel resolution: 3840 x 2160
 Pixel pitch: 0.27963 x 0.27963 mm
 Optimum resolution: 3840 x 2160 @ 60 Hz
 Brightness: 350 cd/m²
 Display colours: 1.07 Billion
 Contrast ratio (typical): 1200:1
 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, Progressive scan, 3D MA deinterlacing, Dynamic contrast enhancement, Colour Enhancement, Colour Temperature Adjustment, De-interlacer, Noise Reduction, Smart Picture
 Panel technology: IPS
 Operating system: Android 5.0.1

Connectivity

Audio output: Audio Left/Right (RCA)
 Video input: DVI-D, VGA (Analogue D-Sub), HDMI (x 2), USB 2.0 (x 2)
 Audio input: 3.5 mm jack
 External control: RS232C (in/out) 2.5 mm jack, IR (in/out) 3.5 mm jack, RJ45

Convenience

Placement: Landscape (18/7), Portrait (12/7)
 Tiled Matrix: Up to 10 x 15
 Screen-saving functions: Pixel Shift, Low

Brightness

Keyboard control: Lockable
 Remote control signal: Lockable
 Signal loop through: IR Loop through, RS232
 Ease of installation: Remote Control Lock
 Energy-saving functions: Smart Power
 Other convenience: Kensington lock, VESA mount (400 x 400 mm)
 Network controllable: LAN (RJ45), RS232
 Memory: 8 GB eMMC

Sound

Built-in speakers: 2 x 10 W RMS

Power

Mains power: 100 ~ 240 VAC, 50 ~ 60 Hz
 Consumption (On mode): 125 W
 Standby power consumption: 0.5 W
 Power Saving Features: Smart Power

Supported Display Resolution

Computer formats: 640 x 480, 60, 72, 75 Hz, 720 x 400, 70 Hz, 800 x 600, 60, 75 Hz, 1024 x 768, 60, 75 Hz, 1280 x 768, 60 Hz, 1280 x 800, 60 Hz, 1280 x 1024, 60 Hz, 1360 x 768, 60 Hz, 1600 x 1200, 60 Hz, 1920 x 1080, 60 Hz, 3840 x 2160, 30, 60 Hz
 Video formats: 480i, 30, 60 Hz, 480p, 30, 60 Hz, 576i, 25, 50 Hz, 576p, 25, 50 Hz, 720p, 50, 60 Hz, 1080i, 25, 30 Hz, 1080p, 50, 60 Hz, 2160p, 30, 50, 60 Hz

Dimensions

Set Width: 1099.2 mm
 Product weight: 11.4 kg
 Set Height: 631.9 mm
 Set Depth: 62.4 mm
 Set Width (inch): 43.28 inch
 Set Height (inch): 24.88 inch
 Wall Mount: 400 x 400 mm, M6
 Set Depth (inch): 2.46 inch
 Bezel width: 11.9 (Top/Left/Right) 14.4 (Bottom) mm
 Product weight (lb): 25.13 lb

Operating conditions

Altitude: 0 ~ 3000 m
 Temperature range (operation): 5 ~ 40 °C
 MTBF: 50,000 hour(s)
 Relative humidity: 20 ~ 80 (operation), 10 - 90% (storage) %
 Temperature range (storage): -20 ~ 60 °C

Multimedia Applications

USB Playback Video: ASF, AVI, DAT, FLV, MKV, MP4, MPEG, MPG, TS, VOB, WEBM, WMV
 USB Playback Picture: BMP, JPEG, JPG, PNG
 USB Playback Audio: AAC, M4A, MP3, WMA

Internal Player

CPU: ARM Quad-core processor
 Memory: 2 GB DDR3
 Storage: 8 GB eMMC

Accessories

Included accessories: AC Power Cord, RS232 cable, Quick start guide, IR sensor cable (1.8 M), Batteries for remote control, Remote Control
 Included Accessories: RS232 daisy-chain cable, USB Cover and screw x 1
 Optional accessories: Tabletop stand
 Stand: BM05923/BM02542/BM05922

Miscellaneous

On-Screen Display Languages: Arabic, Simplified Chinese, Traditional Chinese, English, French, German, Italian, Polish, Russian, Spanish, Turkish, Japanese, Czech, Danish, Dutch, Finnish, Norwegian, Portuguese, Swedish
 Warranty: 3 year warranty
 Regulatory approvals: CE, UL/cUL, CB, FCC, Class B, BSMI, CCC, EAC, EMF, EnergyStar 7.0, PSB, CECP

Philips 49BDL3050Q
 Version: 1.0
 Release Date: 2017/08/25

