Philips Signage Solutions
Q-Line Display

49"
4K UHD (3840 x 2160)
Ultra HD

SignageSolutions

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
- 4K UHD. Rich images. Stunning contrast
- IPS panel: rich color consistency from every angle
- Android SoC processor. Native and web apps

Effortless setup. Total control.
- CMND: Remote system management
- CMND & Deploy. Install and launch apps remotely
- CMND & Create. Develop and launch your own content
- CMND & Control. Operate, monitor, maintain

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

PHILIPS

Highlights

Powered by Android
Control your display via an Internet connection. Android-powered Philips Professional Displays are optimized for native Android apps, and you can install web apps directly to the display too. A built-in scheduler makes it easy to launch apps and content based on time of day.

CMND
Take control of your Philips Professional Display network. CMND lets you manage, 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.

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 is 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.

SmartPlayer LED ULTRA RESOLUTION SmartPower

Q-Line Display
49" 4K UHD (3840 x 2160), Ultra HD

49BDL3050Q/00

Specifications

Picture/Display
- Diagonal screen size: 48.5 inch / 123.2 cm
- Panel resolution: 3840 x 2160
- Optimum resolution: 3840 x 2160 @ 60 Hz
- Brightness: 350 cd/m²
- Contrast ratio (typical): 1200:1
- Response time (typical): 9 ms
- Aspect ratio: 16:9
- Viewing angle (H / V): 178 / 178 degree
- Pixel pitch: 0.27963 x0.27963 mm
- Display colors: 1.07 Billion
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Progressive scan, 3D MA deinterlacing, Dynamic contrast enhancement, Color Enhancement, Color Temperature Adjustment, De-interlacer, Noise Reduction, Smart Picture
- Operating system: Android 5.0.1
- Panel technology: IPS

Supported Display Resolution
- Computer formats

Resolution	Refresh rate
640 x 480	60, 72, 75Hz
720 x 400	70Hz
800 x 600	60, 75Hz
1024 x 768	60, 75Hz
1280 x 768	60Hz
1280 x 800	60Hz
1280 x 1024	60Hz
1360 x 768	60Hz
1600 x 1200	60Hz
1920 x 1080	60Hz
3840 x 2160	30, 60Hz

- Video formats

Resolution	Refresh rate
480i	30, 60Hz
480p	30, 60Hz
576i	25, 50Hz
576p	25, 50Hz
720p	50, 60Hz
1080i	25, 30Hz
1080p	50, 60Hz
2160p	30,50, 60Hz

Connectivity
- Video input: DVI-D, VGA (Analog D-Sub), HDMI (x2), USB 2.0 (Type A) (x2)
- Audio input: 3.5 mm jack
- Audio output: Audio Left/Right (RCA)
- External control: RS232C (in/out) 2.5 mm jack, IR (in/out) 3.5 mm jack, RJ45

Convenience
- Screen saving functions: Pixel Shift, Low Brightness
- Keyboard control: Lockable
- Network controllable: LAN (RJ45), RS232
- Energy saving functions: Smart Power
- Placement: Landscape
- Remote control signal: Lockable
- Ease of installation: Remote Control Lock
- Memory: 8GB eMMC
- Other convenience: Kensington lock, VESA mount (400x400mm)
- Signal Loop Through: IR Loopthrough, RS232
- Tiled Matrix: Up to 10 x 15

Dimensions
- Bezel width: 11.9 (Top/Left/Right) 14.4 (Bottom) mm
- Set dimensions (W x H x D): 1099.2 x 631.9 x 62.4 mm
- Set dimensions in inch (W x H x D): 43.28 x 24.88 x 2.46 inch
- Product weight: 11.4 kg
- Product weight (lb): 25.13 lb
- VESA Mount: 400 x 400 mm, M6

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

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

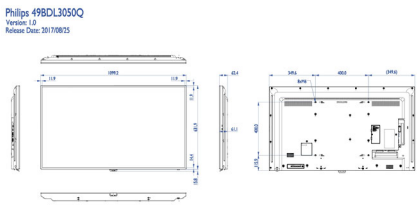
Sound
- Built-in speakers: 2 x 10W RMS

Accessories
- Included accessories: AC Power Cord, RS232 cable, Quick start guide, IR sensor cable (1.8M), Batteries for remote control, Remote Control
- Optional accessories: Table top stand
- Included Accessories: RS232 daisy-chain cable, USB Cover and screw x1
- Stand: BM05923/BM02542/BM05922

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

Miscellaneous
- Warranty: 3 year warranty
- 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
- Regulatory approvals: CE, UL/cUL, CB, FCC, Class B, BSMI, CCC, EAC, EMF, EnergyStar 7.0, PSB, CECP

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



Issue date 2019-06-27

Version: 11.1.2

12 NC: 8670 001 42313
EAN: 87 12581 74363 5

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