



# PQ4750 Q-Line Displays

Commercial-Grade



## One Platform, Endless Possibilities

An Ecosystem of products specifically designed for professionals.



### Professional-Grade

The Q Line display series have a powerful Android OS and are designed specifically for digital signage that engages, informs, and entertains.



### APPS

CE Labs partners with best-in-class software companies to transform our products into enterprise business solutions.



### 3 Year Warranty

All Q-Line displays are built for professionals and come with superior customer support and a standard with a 3 Year warranty.

## PRODUCT OVERVIEW

CE Labs and Philips Professional Display Solutions have partnered to deliver a best-in-class professional-grade display solutions for enterprise digital signage. The Q Line professional display Series is purpose-built for any digital signage application that require 18/7 performance. Supporting an Android OS, the Q Series is truly best-in-class and packed with features such as 2 x 10W RMS built-in speakers, 350 cd/m<sup>2</sup> Brightness and 178-degree enhanced view angle.

When combined with a CE Labs media player preloaded with CESync™, our intuitive out-of-the-box experience makes connecting your Q Line display quick and easy. Using one of our Android partner apps, you can create a self-service kiosk, a queue management system, or eye-catching digital signage.

## FEATURES

Powerful Android Operating System (SoC)

350 cd/m<sup>2</sup> Brightness for enhanced viewing

Industry leading efficiency with Energy saving Smart Power

## SPECIFICATIONS

### Picture/Display

- Diagonal screen size: 74.5 inch / 189.3 cm
- Panel resolution: 3840 x 2160
- Optimum resolution: 3840 x 2160 @ 60 Hz
- Brightness: 400 cd/m<sup>2</sup>
- Contrast ratio (typical): 1200:1
- Dynamic contrast ratio: 500,000:1
- Response time (typical): 8 ms
- Aspect ratio: 16:9
- Viewing angle (H / V): 178 / 178 degree
- Pixel pitch: 0.4296 x 0.4296 mm
- Display colors: 1.07 Billion
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Motion compens. deinterlacing, Progressive scan, 3D MA deinterlacing, Dynamic contrast enhancement
- Panel technology: ADS
- Clinical image: D-Image preset (dicom part 14 compatible)
- Operating system: Android 8.0

### Supported Display Resolution

#### • Computer formats

Resolution	Refresh rate
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
1152 x 864	75Hz
832 x 624	75Hz

#### • Video formats

Resolution	Refresh rate
3840 x 2160	60Hz
3840 x 2160	30Hz
576p	50Hz
576i	50Hz
480p	60Hz
480i	60Hz
1080p	50, 60Hz
1080i	50, 60Hz
720p	50, 60 Hz

### Connectivity

- Video input: DVI-D (x1), HDMI 2.0 (x3), USB 2.0 (x2), VGA (Analog D-Sub) (x1)
- Audio input: 3.5 mm jack
- Audio output: 3.5mm jack
- External control: RS232C (in/out) 2.5 mm jack, IR (in/out) 3.5 mm jack, RJ45
- Other connections: OPS

### Convenience

- Keyboard control: Hidden, Lockable
- Network controllable: RS232, RJ45
- Signal loop through: RS232, IR Loophrough
- Energy saving functions: Smart Power
- Remote control signal: Lockable
- Tiled Matrix: Up to 15 x 15
- Placement: Landscape (16/7)
- Start-up: Switch on delay, Switch on status, Boot on source
- Start-up window: enable / disable Philips logo
- Ease of installation: Smart Insert

### Dimensions

- Bezel width: 15.5 mm (Even bezel)
- Set dimensions (W x H x D): 1683.5 x 961.7 x 69.5mm(D@wall mount) / 91.8mm(D@handle) mm
- Set dimensions in inch (W x H x D): 66.28 x 37.86 x 2.74(@ wall mount)/ 3.61(@ handle) inch
- Product weight: 37.5 kg
- Product weight (lb): 82.67 lb
- VESA Mount: 600 x 400 mm, M8

### Operating conditions

- Altitude: 0 ~ 3000 m
- Temperature range (operation): 0 ~ 40 °C
- Temperature range (storage): -20 ~ 60 °C
- MTBF: 50,000 hour(s)
- Humidity range (operation)[RH]: 20 ~ 80% RH (No condensation)
- Humidity range (storage) [RH]: 5 ~ 95% RH (No condensation)

### Power

- Mains power: 100 - 240V~, 50/60Hz
- Standby power consumption: <0.5W
- Power Saving Features: Smart Power

## MODEL: PQ4750

- Consumption (Max): 310 W
- Consumption (Typical): 160 W

### Sound

- Built-in speakers: 2 x 10W RMS

### Accessories

- Included accessories: AC Power Cord, RS232 cable, Remote Control, Batteries for remote control, Quick start guide, HDMI cable
- Included Accessories: IR sensor cable (1.8 m) (x1), RS232 daisy-chain cable, M3 screw (X1), M4 Screw (x1), Philips logo (x1), USB Cover (x1)

### Multimedia Applications

- USB Playback Video: MPEG, H.264, H.263, H.265, VP8
- USB Playback Picture: BMP, JPEG, PNG
- USB Playback Audio: AAC, HEAAC, MPEG

### Miscellaneous

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

### Internal Player

- CPU: Dual core cortex A53 1.1G Hz, Dual core cortex A73 1.15G Hz
- GPU: ARM Mali G51
- Memory: 2GB DDR3, 16GB

WARRANTY: \*3 year warranty, parts and labor.

Learn more about CE Labs at [www.celabs.com](http://www.celabs.com).

#### United States

1-800-767-6189  
sales@celabs.com

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