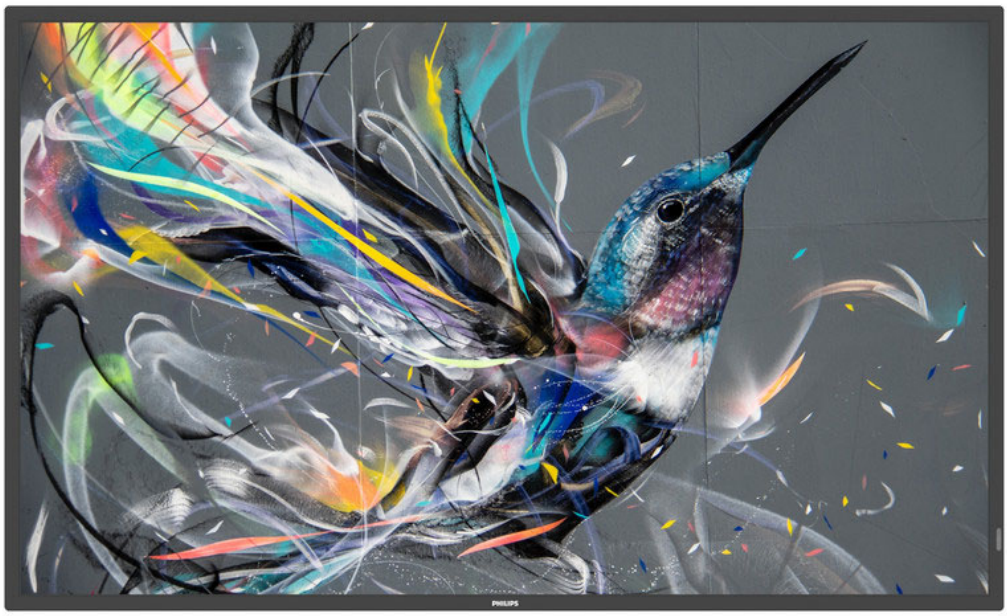
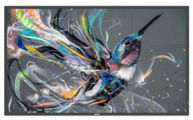


Philips Signage Solutions
Q-Line Display

43"
Direct LED Backlight
Ultra HD

SignageSolutions



43BDL3550Q

Stand out

Easy-setup 18/7 display.

Inform and enthrall with a Philips Q-Line Professional Ultral HD Display. This reliable solution can be up and running as quickly as you need.

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

Cost-effective system solution
- Integrated media player. Easily schedule USB content
- Easy control. Remotely manage networked displays
- FailOver ensures content is always playing

Smart and powerful
- Android SoC processor. Native and web apps
- Connect and control your content over the internet

Superb picture. Ultra-high brightness.
- Ultra-HD. Rich images. Stunning contrast

PHILIPS

Highlights

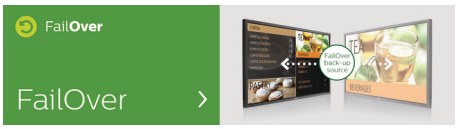
CMND & Control

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.

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.

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.

Powered by Android 8

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 new Android 8 ensures the software is kept secure and remain to the latest specification for longer.

SmartBrowser

Connect and control your content over the internet with the integrated HTML5 browser. Using the Chromium based browser, design your content online and connect a single display, or your complete network. Show content in both landscape and portrait mode, with fullHD resolution. Streaming content can also be shown in a PIP (picture-in-picture) window. Simply connect the display to the internet using WiFi (optional) or with an RJ45 cable, and enjoy your own created playlist

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

43BDL3550Q/00

Specifications

Picture/Display
- Diagonal screen size: 42.5 inch / 108 cm
- Panel resolution: 3840 x 2160
- Optimum resolution: 3840 x 2160 @ 60 Hz
- Brightness: 400 cd/m²
- Contrast ratio (typical): 1300:1
- Dynamic contrast ratio: 500,000:1
- Response time (typical): 8 ms
- Aspect ratio: 16:9
- Viewing angle (H / V): 178 / 178 degree
- Pixel pitch: 0.2451 x 0.2451 mm
- Display colors: 1.07 Billion
- Panel technology: ADS
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, 3D MA deinterlacing, Dynamic contrast enhancement, Motion compens. deinterlacing, Progressive scan
- Clinical image: D-Image preset (dicom part 14 compatible)
- Operating system: Android 8.0

Supported Display Resolution
- Computer formats

Resolution	Refresh rate
1024 x 768	60, 70, 75Hz
1152 x 864	75Hz
1152 x 870	75Hz
1280 x 1024	60Hz
1280 x 720	60Hz
1280 x 800	60Hz
1440 x 900	60Hz
1600 x 1200	60Hz
1680 x 1050	60Hz
1920 x 1080	60Hz
640 x 480	60, 67, 72, 75Hz
720 x 400	70Hz
800 x 600	56, 60, 72, 75Hz
832 x 624	75Hz

- Video formats

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

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

Convenience
- Energy saving functions: Smart Power
- Tiled Matrix: Up to 15 x 15
- Start-up: Switch on delay, Switch on status, Boot on source
- Start-up window: enable / disable Philips logo
- Keyboard control: Lockable, Hidden
- Network controllable: RS232, RJ45
- Signal loop through: RS232, IR Loopthrough
- Placement: Landscape (18/7)
- Remote control signal: Lockable

Dimensions
- Bezel width: 13.9 mm (Even bezel)
- Set dimensions (W x H x D): 973.0 x 561.2 x 63.5 mm
- Set dimensions in inch (W x H x D): 38.31 x 22.09 x 2.50 inch
- VESA Mount: 200mm x 200mm , M6
- Product weight: 11.29 kg
- Product weight (lb): 24.91 lb

Operating conditions
- 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)
- Altitude: 0 ~ 3000 m

Power
- Mains power: 100 - 240V~, 50/60Hz
- Standby power consumption: <0.5 W
- Consumption (Max): 152 W
- Consumption (Typical): 108 W
- Power Saving Features: Smart Power
- Energy Label Class: G

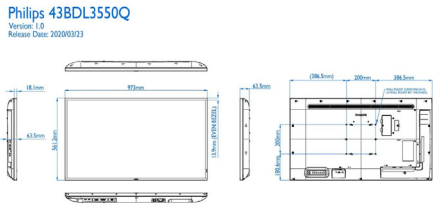
Sound
- Built-in speakers: 2 x 10W RMS

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

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, Philips logo (x1), USB Cover and screw (x2)
- Stand: BM05922(optional)

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

Internal Player
- CPU: Dual core cortex A53 1.1G Hz, Dual core cortex A73 1.15G Hz
- GPU: ARM Mali G51
- Memory: 2GB DDR3, 8GB



Issue date 2021-05-26

Version: 5.0.1

12 NC: 8670 001 66107
EAN: 87 12581 76535 4

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