Philips Signage Solutions
D-Line Display

43"
UHD (3840 x 2160)
500 cd/m²

43BDL4510D

Say more

Smart, fast, 24/7 display.

Make it stand out with a fast Philips D-Line Professional 4K UHD display. Philips superb picture quality ensures true colours and intense contrast. You can effortlessly display content from multiple sources on a single screen.

Brilliant picture. Blazing processor speed.
• Place in landscape or portrait orientation
• 4K UHD. Rich, deep images. Stunning contrast
• ADS wide-view panel display

Operational flexibility
• SmartPower for energy saving

Cost-effective system solution
• Energy-saving automatic backlight control
• FailOver ensures that content is always playing

Effortless setup. Total control.
• Operate, monitor and maintain with CMND and Control
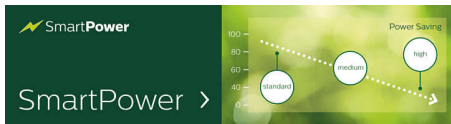• Schedule what you want, when you want with SmartPlayer

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Highlights

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 that content keeps playing even if the primary source goes down. Simply set a list of alternative inputs to be sure your business is always on.
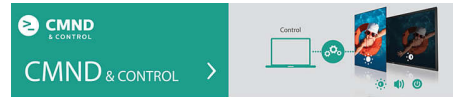
SmartPower

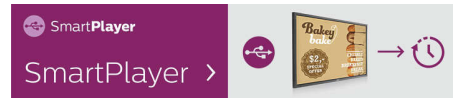The backlight intensity can be controlled and pre-set by the system to reduce the power consumption by up to 50%, which saves substantially on energy costs.

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.

SmartPlayer

Turn your USB into a true cost-effective digital signage device. Simply save your content (video, audio, pictures) on your USB and plug into your display. Create your playlist and schedule your content via the on-screen menu, and enjoy your own playlists anytime, anywhere.

Energy saving

Energy-saving automatic backlight control

Place in landscape

Place in landscape or portrait orientation

4K UHD. Rich, deep images

4K UHD. Rich, deep images. Stunning contrast

ADS wide-view panel display

Be seen from any angle with ADS wide-view technology. Advanced Super Dimension Switch delivers faster on-display picture processing for smoother content transitions, remarkable image accuracy and superior colour reproduction with 180 degree viewing.

Specifications

Connectivity

- Audio output: 3.5 mm jack
- Video input: Display Port1.2 (x 1), DVI-I (x 1), HDMI 2.0 (x 2), USB 2.0 (x 2)
- Audio input: 3.5 mm jack
- Video output: DisplayPort 1.2 (x 1), HDMI 2.0 (x 1)
- External control: RJ45, RS232C (in/out) 2.5 mm jack, IR (in/out) 3.5 mm jack

Picture/Display

- Diagonal screen size (metric): 108.0 cm
- Diagonal screen size (inch): 42.5 inch
- Aspect ratio: 16:9
- Panel resolution: 3840 x 2160
- Pixel pitch: 0.2451 x 0.2451 mm
- Optimum resolution: 3840 x 2160 @ 60 Hz
- Brightness: 500 cd/m²
- Display colours: 1.07 G Billion
- Contrast ratio (typical): 1200:1
- Dynamic contrast ratio: 500,000:1
- Response time (typical): 8 ms
- Viewing angle (horizontal): 178 degree
- Viewing angle (vertical): 178 degree
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Motion compens. deinterlacing, 3D MA deinterlacing, Dynamic contrast enhancement, Progressive scan
- Panel technology: ADS

Convenience

- Placement: Landscape (24/7), Portrait (24/7)
- Screen-saving functions: Pixel Shift, Low Bright
- Keyboard control: Hidden, Lockable
- Signal loop through: RS232, IR Loop through, DisplayPort, HDMI
- Energy-saving functions: Smart Power
- Network controllable: RS232, RJ45

Sound

- Built-in speakers: 2 x 10 W RMS

Power

- Mains power: 100 ~ 240 VAC, 50 ~ 60 Hz
- Consumption (Typical): 90 W
- Consumption (Max): 150 W
- Standby power consumption: 0.5 W
- Energy Label Class: G

Supported Display Resolution

- Computer formats: 1920 x 1080, 60 Hz, 1024 x 768, 60 Hz, 1280 x 1024, 60 Hz, 1280 x 720, 60 Hz, 1440 x 900, 60 Hz, 1600 x 900, 60 Hz, 1680 x 1050, 60 Hz, 3840 x 2160, 30, 60 Hz, 640 x 480, 60 Hz, 800 x 600, 60 Hz
- Video formats: 1080i, 50, 60 Hz, 576i, 50 Hz, 576p, 50 Hz, 480p, 60 Hz, 480i, 60 Hz, 1080p, 50, 60 Hz, 2160p, 24, 30, 60 Hz, 720p, 50,60 Hz

Dimensions

- Set Width: 973.0 mm
- Product weight: 10.71 kg
- Set Height: 561.2 mm
- Set Depth: 63.5 mm
- Set Width (inch): 38.31 inch
- Set Height (inch): 22.09 inch
- Wall Mount: 200 (H) x 200 (V) mm, M6
- Set Depth (inch): 2.50 inch
- Bezel width: 13.9 mm (Even bezel)
- Product weight (lb): 23.61 lb

Operating conditions

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

Multimedia Applications

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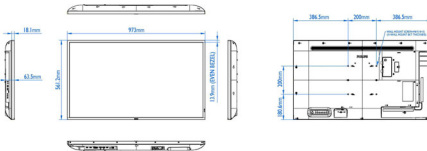- USB Playback Audio: AAC, HEAAC, MPEG

Accessories

- Included accessories: Quick start guide, RS232 cable, AC Power Cord, HDMI cable, Remote Control and AAA Batteries
- Included Accessories: RS232 daisy-chain cable, Philips logo (x 1), Screws, USB Cover (x 1), AC Switch Cover
- Stand: BM05922(Optional)

Miscellaneous

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

Philips 43BDL4550D
Version: 1.1
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