PHILIPS

75BDL4510D

Say more

Smart, fast 24/7 display.

Make it stand out with a fast 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
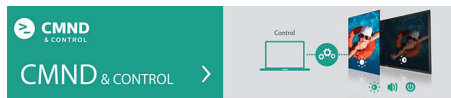
Cost-effective system solution
- Energy-saving automatic backlight control
- FailOver ensures content is always playing

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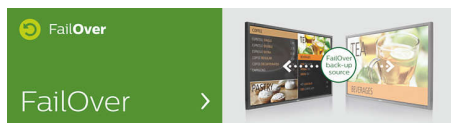- Schedule what you want, when you want with SmartPlayer

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.
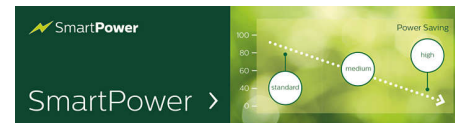
FailOver

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.
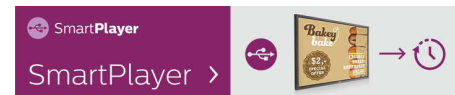
ADS wide-view panel display

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.

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.

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 created playlists anytime, anywhere.

Specifications

Picture/Display

Diagonal screen size (metric): 189.3 cm
Diagonal screen size (inch): 74.5 inch
Aspect ratio: 16:9
Panel resolution: 3840 x 2160
Pixel pitch: 0.4296 x 0.429 6 mm
Optimum resolution: 3840 x 2160 @120Hz
Brightness: 500 cd/m²
Display colors: 1.07 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

Connectivity

Audio output: 3.5mm jack
Video input: HDMI 2.0 (x3), Display Port1.2 (x1), DVI-I (x 1), USB 2.0 (x2)
Audio input: 3.5 mm jack
Other connections: OPS
Video output: DisplayPort 1.2 (x1), HDMI 2.0 (x1)
External control: RJ45, RS232C (in/out) 2.5 mm jack, IR (in/out) 3.5 mm jack

Convenience

Placement: Landscape (24/7), Portrait (24/7)
Screen saving functions: Pixel Shift, Low Bright
Keyboard control: Hidden, Lockable
Signal loop through: IR Loopthrough,

DisplayPort, HDMI, RS232
Energy saving functions: Smart Power
Network controllable: RJ45, RS232

Sound

Built-in speakers: 2 x 10W RMS

Power

Mains power: 100 ~ 240 VAC, 50 ~ 60 Hz
Consumption (Typical): 150 W
Consumption (Max): 305 W
Standby power consumption: <0.5 W
Energy Label Class: G

Supported Display Resolution

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

Dimensions

Set Width: 1683.5 mm
Product weight: 35.9 kg
Set Height: 961.7 mm
Set Depth: 69.5 (@Wall mount)/ 91.8 (@Handle) mm
Set Width (inch): 66.28 inch
Set Height (inch): 37.86 inch
Wall Mount: 600(H)x400(V) mm, M8
Set Depth (inch): 2.74 inch(wall mount)/3.61 (@Handle) inch
Bezel width: 14.9 mm (Even bezel)
Product weight (lb): 79.15 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, IR sensor cable (1.8M), Remote Control & AAA Batteries
Included Accessories: RS232 daisy-chain cable, AC Switch Cover, Philips logo (x1), Screws, USB Cover (x1)

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, RoHS, BSMI, CB, CCC, CU, EMF, EnergyStar 8.0, ETL, FCC, Class A, PSB, VCCI

Philips 75BD4550D
Version: 1.0
Release Date: 2020/09/08

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