

Philips Signage Solutions
Video Wall Display

47"

Direct LED Backlight
Full HD
800 cd/m²

BDL4777XH



Create new stopping power

with Ultra-Narrow Bezel displays

Impress your audience with the most impactful video wall. With ultra-narrow bezel and stunning picture quality, you are sure to create the most memorable visual experience

Optimised for public viewing

- Full HD LED technology for brilliant images
- IPS wide view technology for image and colour accuracy
- Designed for 24/7 operation

Innovative solutions for any signage application

- Optional OPS Insert to create an all-in-one solution

Maximising the impact of your message

- Immersive visual experience with Ultra-Narrow Bezel
- Colour Calibration kit to ensure uniform colours

Care about you, your business and your audience

- SmartPower for energy saving
- Keep your content up and running with FailOver
- Manage settings of multiple displays with CMND & Control

PHILIPS

Video Wall Display
47" Direct LED Backlight, Full HD, 800 cd/m²

Highlights

Ultra-Narrow Bezel



The next generation of video wall displays is designed with the industry's narrowest bezels and advanced alignment solutions. Fully exploit your impactful signage content with ultra-narrow bezel displays, and make sure your message does not get lost in thick bezels. With the ultra-narrow bezels you can create seamless video wall configurations of virtually any size.

IPS Display Technology

Philips IPS displays uses an advanced technology, which gives you extra-wide viewing angles of 178/178 degrees, making it possible to view the display from almost any angle — even in portrait mode. IPS displays give you remarkably crisp images with vivid colours, particularly suitable for professional video wall and menu board applications, which demand colour accuracy and consistent brightness at all times.

Advanced Colour Calibration



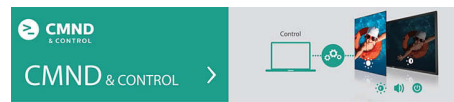
The Advanced Colour Calibration kit controls the luminance of the backlight, standardises the gamma curve and calibrates the greyscale of your display network. Whether you have an impressive video wall, a catchy mosaic layout, a menu board installation or a control room, each display can be adjusted to the same colour values. With this optional kit you can

ensure consistent colour performance over all displays in your network.

Full HD LED technology

White LED's are solid state devices which light up to full, consistent brightness faster saving startup time. LED's are free from mercury content, which allows for eco-friendly recycling and disposal process. LED's allow for better dimming control of the LCD backlight, resulting in a super high contrast ratio. It also gives superior colour reproduction thanks to consistent brightness across the screen.

CMND and Control



With CMND & Control, easily manage multiple displays in a central location. With real time display monitoring, setting and software updates from a remote location, and the ability to customise and configure multiple displays at once, such as video wall or menu board displays, controlling your suite of displays has never been easier.

FailOver



Keeping your content up and running is critical for demanding commercial applications. While it is unlikely you will face a content disaster, FailOver provides content protection with a revolutionary technology that plays back-up content on screen in the event of a media player failure. FailOver automatically kicks in when the primary input fails. Simply select a primary input connection and a FailOver connection and you're ready for instant protection.

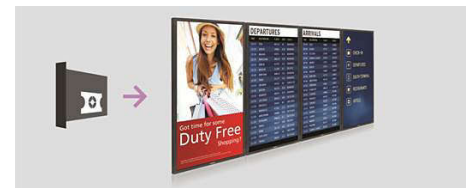
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SmartPower



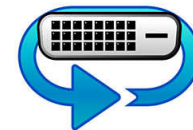
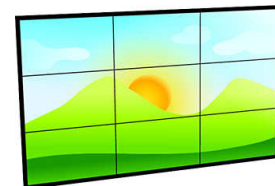
The backlight intensity can be controlled and pre-set by the system to reduce the power consumption by up to 50%, which saves substantially on energy costs.

OPS Insert



Turn your display into an all-in-one digital signage solution and create a display network that is connected, intelligent and secure. Open Pluggable Specification (OPS) is an industry-standard slot into which you can add an OPS-standardised media player. This cable-free solution gives you the ability to install, use or maintain your hardware whenever you need to.

Designed for 24/7 operation



Because business never sleeps, our signage displays are designed for 24/7 use. Taking advantage of superior components to ensure a higher level of quality, you can count on this range of models for complete around-the-clock reliability.



Specifications

Connectivity

- Audio output: Audio Left/Right (RCA), External speaker connector
- Video input: DVI-D, HDMI, VGA (Analogue D-Sub), Component (RCA), Composite (RCA), DisplayPort
- Audio input: 3.5 mm jack, Audio Left/Right (RCA)
- Other connections: OPS
- Video output: DVI-I, VGA (via DVI-I)
- External control: IR (in/out) 3.5 mm jack, RJ45, RS232C (in/out) D-Sub9

Picture/Display

- Diagonal screen size (metric): 119.2 cm
- Diagonal screen size (inch): 46.9 inch
- Aspect ratio: 16:9
- Panel resolution: 1920 x 1080p
- Pixel pitch: 0.54 x 0.54 mm
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 800 cd/m²
- Display colours: 1.06 Billion
- Contrast ratio (typical): 1400:1
- Dynamic contrast ratio: 500,000:1
- Response time (typical): 12 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, Progressive scan, 3D MA deinterlacing, Dynamic contrast enhancement
- Panel technology: IPS

Convenience

- Placement: Landscape (24/7), Portrait (24/7)
- Picture in picture: PBP, PIP, POP
- Tiled Matrix: Up to 10 x 15
- Screen-saving functions: Pixel Shift, Low Bright
- Remote control signal: Lockable
- Signal loop through: RS232, VGA, DVI, IR Pass-through
- Ease of installation: Carrying Handles, Smart Insert
- Energy-saving functions: Ambient light sensor, Smart Power
- Other convenience: Carrying handles, Kensington lock
- Safety control functions: Failover, Heat Control, Temperature Sensor
- Picture performance: Advanced colour control
- Network controllable: RS232, RJ45, Card OPS

RS232, One Wire (HDMI-CEC)

Sound

- Built-in speakers: 2 x 10 W (RMS)

Power

- Mains power: 100 ~ 240 VAC, 50 - 60 Hz
- Consumption (On mode): 110 W
- Standby power consumption: ≤ 0.5 W
- Power Saving Features: Smart Power

Supported Display Resolution

- Computer formats: 640 x 480, 60, 67, 72, 75 Hz, 1024 x 768, 60 Hz, 1280 x 768, 60 Hz, 1280 x 800, 60 Hz, 1280 x 1024, 60 Hz, 1360 x 768, 60 Hz, 1366 x 768, 60 Hz, 1600 x 1200, 60 Hz, 1920 x 1080, 60 Hz, 1280 x 960, 60 Hz, 720 x 400, 70 Hz, 800 x 600, 60, 72, 75 Hz
- Video formats: 720p, 50, 60 Hz, 1080p, 50, 60 Hz, 1080i, 25, 30 Hz, 480i, 30, 60 Hz, 480p, 60 Hz, 576i, 25, 50 Hz, 576p, 50 Hz

Dimensions

- Bezel thickness: 4.9 mm
- Smart Insert mount: 200 x 100, 100 x 100 mm, M4
- Set Width: 1044.9 mm
- Product weight: 25.5 kg
- Set Height: 590.0 mm
- Set Depth: 108.8 mm
- Set Width (inch): 41.14 inch
- Set Height (inch): 23.23 inch
- Wall Mount: 400 x 400, 400 x 200, 200 x 200 mm, M6
- Set Depth (inch): 4.28 inch
- Bezel width: Top/Left: 3.20 mm, Bottom/Right: 1.70 mm
- Product weight (lb): 56.2 lb
- Bezel width (L/T, R/B): 3.2 mm, 1.7 mm

Operating conditions

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

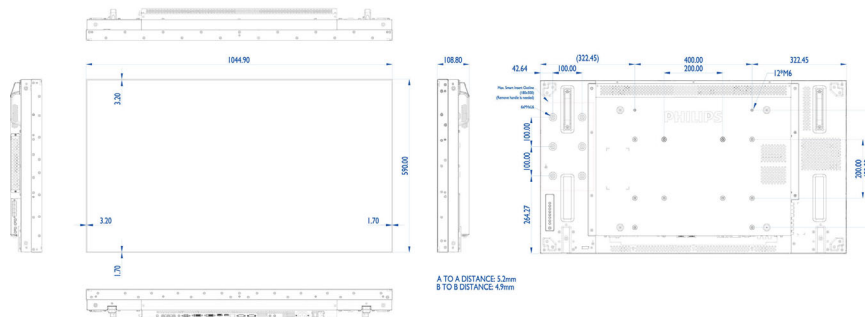
Accessories

- Included accessories: Remote Control, Batteries for remote control, AC Power Cord, VGA cable,

- RS232 cable, IR sensor cable (1.8 M), User manual on CD-ROM, Quick start guide, Edge alignment pins, Edge alignment plates
- Optional accessories: Edge finishing kit, ColourCalibrationKit (CCK4602), HDBaseT OPS Receiver (CRD25), Tabletop stand

Miscellaneous

- On-Screen Display Languages: Arabic, Simplified Chinese, Traditional Chinese, English, French, German, Italian, Japanese, Polish, Russian, Spanish, Turkish
- Warranty: 3-year warranty
- Regulatory approvals: CE, FCC, Class B, UL/cUL, CB, GOST, EPEAT



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