Philips Signage Solutions
Video Wall Display

47"
Direct LED Backlight
Full HD
500 cd/m²

*Signage*Solutions

BDL4777XL

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

Maximising the impact of your message
- Immersive visual experience with Ultra-Narrow Bezel
- Colour Calibration kit to ensure uniform colours
- Manage and control your video wall remotely via SmartControl

Innovative solutions for any signage application
- Optional OPS Insert to create an all-in-one solution

Care about you, your business and your audience
- SmartPower for energy saving
- Keep your content up and running with FailOver

PHILIPS

Highlights

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.

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.

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.

SmartControl

Connect and control your video wall from a central admin computer. SmartControl is display-based software for managing your network of displays from a single location via RJ45 and RS232. Easily identify your displays and fine-tune all display settings including resolution, brightness, contrast and SmartPower.

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.

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 24/7 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.

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

Picture/Display
- Diagonal screen size: 46.9 inch / 119.2 cm
- Panel resolution: 1920 x 1080p
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 500 cd/m²
- Contrast ratio (typical): 1400:1
- Dynamic contrast ratio: 500,000:1
- Response time (typical): 12 ms
- Aspect ratio: 16:9
- Viewing Angle (H / V): 178 / 178 degree
- Pixel pitch: 0.54 x 0.54 mm
- Display colours: 1.06 Billion
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Motion compens. deinterlacing, Progressive scan, 3D MA deinterlacing, Dynamic contrast enhancement

Supported Display Resolution
- Computer formats

Resolution	Refresh rate
640 x 480	60, 67, 72, 75 Hz
800 x 600	56, 60, 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
1440 x 900	60 Hz
1600 x 1200	60 Hz
1920 x 1080	60 Hz
1920 x 1200	60 Hz

- Video formats

Resolution	Refresh rate
480i	60 Hz
480p	60 Hz
576p	50 Hz
576i	50 Hz
720p	50, 60 Hz
1080i	50, 60 Hz
1080p	50, 60 Hz

Connectivity
- Video input: DisplayPort (1.2), DVI-D, HDMI, VGA (Analogue D-Sub), Component (BNC), Composite (BNC)
- Video output: DVI-I, VGA (via DVI-I)
- Audio input: 3.5-mm jack, Audio Left/Right (RCA)
- Audio output: Audio Left/Right (RCA), External speaker connector

- External control: IR (in/out) 3.5 mm jack, RJ45, RS232C (in/out) D-Sub9
- Other connections: OPS

Convenience
- Signal Loop Through: RS232, VGA, DVI, IR Pass-through
- Ease of installation: Carrying Handles
- Energy-saving functions: Ambient light sensor, Smart Power
- Network controllable: RS232, RJ45, Card OPS RS232, One Wire (HDMI-CEC)
- Placement: Portrait, Landscape
- Screen-saving functions: Pixel Shift, Low Bright
- Tiled Matrix: Up to 10 x 10

Dimensions
- Bezel thickness: 4.9 mm
- Bezel width: Top/Left: 3.20 mm, Bottom/Right: 1.70 mm
- Set dimensions (W x H x D): 1044.9 x 590.0 x 108.8 mm
- Product weight: 25.5 kg
- VESA Mount: 400 x 400, 400 x 200, 200 x 200 mm, M6
- Smart Insert mount: 200 x 100, 100 x 100 mm, M4

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

Power
- Consumption (On mode): 86 W (EnergyStar 6.0 test method)
- Standby power consumption: <0.5 W

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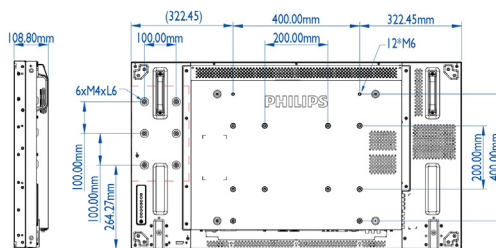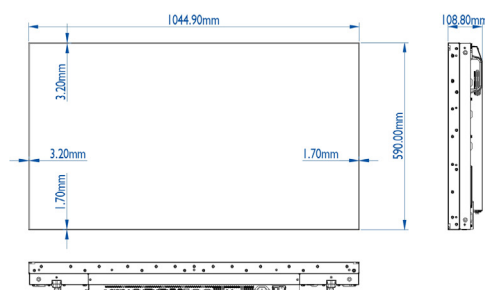- Built-in speakers: 2 x 10 W (RMS)

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 (CCK4601), HDBaseT OPS

Receiver (CRD25)

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

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