Philips Signage Solutions
Video Wall Display

47"
Direct LED Backlight
Full HD
800cd/m²

SignageSolutions

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

Optimized for public viewing
- Full HD LED technology for brilliant images
- IPS wide view technology for image and color accuracy
- Designed for 24/7 operation

Maximizing the impact of your message
- Immersive visual experience with Ultra Narrow Bezel
- Colour Calibration kit to ensure uniform colours

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
- Manage settings of multiple displays with CMND & Control

PHILIPS

Highlights

Ultra Narrow Bezel

The next generation of video wall displays is designed with industry 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 by 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 degree, making it possible to view the display from almost any angle - even in portrait mode. IPS displays gives you remarkably crisp images with vivid colors, especially suitable for professional video wall and menuboard applications which demand color accuracy and consistent brightness at all times.

Advanced Colour Calibration

The Advanced Colour Calibration kit controls the luminance of the backlight, standardizes 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 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 LCD backlight, resulting in super high contrast ratio. It also gives superior color reproduction thanks to consistent brightness across the screen.

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 your 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 which is connected, intelligent and secure. Open Pluggable Specification (OPS) is an industry standard slot into which you can add an OPS-standardized media player. This cable free solution gives you the ability to install, use or maintain your hardware whenever you need.

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.

SmartPower Advanced ColourCalibration UltraNarrow Bezel FailOver

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

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Specifications

Picture/Display
- Diagonal screen size: 46.9 inch / 119.2 cm
- Panel resolution: 1920x1080p
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 800 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 colors: 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
- Panel technology: IPS

Supported Display Resolution
- Computer formats

Resolution	Refresh rate
640 x 480	60, 67, 72, 75Hz
1024 x 768	60Hz
1280 x 768	60Hz
1280 x 800	60Hz
1280 x 1024	60Hz
1360 x 768	60Hz
1366 x 768	60Hz
1600 x 1200	60Hz
1920 x 1080	60Hz
1280 x 960	60Hz
720 x 400	70Hz
800 x 600	60, 72, 75Hz

- Video formats

Resolution	Refresh rate
720p	50, 60Hz
1080p	50, 60Hz
1080i	25, 30Hz
480i	30, 60Hz
480p	60Hz
576i	25, 50Hz
576p	50Hz

Connectivity
- Video input: DVI-D, HDMI, VGA (Analog D-Sub), Component (RCA), Composite (RCA), DisplayPort
- 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 Passthrough
- Ease of installation: Carrying Handles, Smart Insert
- Energy saving functions: Ambient light sensor, Smart Power
- Network controllable: RS232, RJ45, Card OPS RS232, One Wire (HDMI-CEC)
- Placement: Landscape (24/7), Portrait (24/7)
- Screen saving functions: Pixel Shift, Low Bright
- Tiled Matrix: Up to 10 x 15
- Other convenience: Carrying handles, Kensington lock
- Picture in picture: PBP, PIP, POP
- Picture performance: Advanced color control
- Remote control signal: Lockable
- Safety control functions: Failover, Heat Control, Temperature Sensor

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
- Bezel width (L/T, R/B): 3.2 mm, 1.7 mm
- Product weight (lb): 56.2 lb
- Set dimensions in inch (W x H x D): 41.14 x 23.23 x 4.28 inch

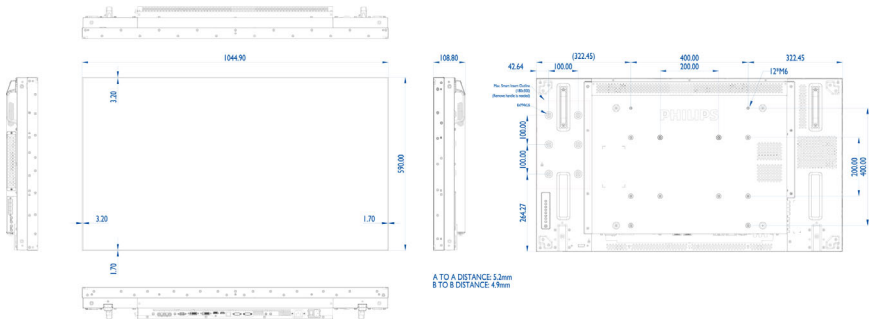
Operating conditions
- Temperature range (operation): 0 ~ 40 °C
- Temperature range (storage): -20 ~ 60 °C
- Altitude: 0 ~ 3000 m
- Relative humidity: 20 ~ 80 %
- MTBF: 50,000 hour(s)

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

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

Accessories
- Included accessories: Remote Control, Batteries for remote control, AC Power Cord, VGA cable, RS232 cable, IR sensor cable (1.8M), 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), Table top stand

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



Issue date 2016-06-24

Version: 1.0.1

12 NC: 8670 001 36014
EAN: 87 12581 73817 4

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