

Video Wall Display

- 49"
- Direct LED Backlight
- Full HD
- 450cd/m²

BDL4988XL/00

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

Benefits

Optimized for public viewing
- IPS wide view technology for image and color accuracy
- Full HD LED technology for brilliant images
- 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
- Schedule what you want, when you want with SmartPlayer

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

Features

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.

PHILIPS

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.

Advanced Colour Calibration



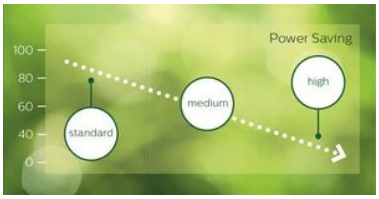
The Advanced Colour Calibration kit controls the luminance of the backlight, standardizes the gamma curve and calibrates the greyscale of your display network. Whether you have an impressive video wall, a catchy mosaic layout, a menu board installation or a control room each display can be adjusted to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

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.

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.

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.

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

Please note that this is a pre-sales leaflet. The contents of this leaflet reflect the best of our knowledge per date and country mentioned above. The contents of this leaflet are subject to change without notice. Philips does not accept any liability as to the contents of this leaflet.

Picture/Display

Diagonal screen size (metric)	123.2 cm
Diagonal screen size (inch)	48.5 inch
Panel resolution	1920x1080p
Optimum resolution	1920 x 1080 @ 60 Hz
Brightness	450 cd/m²
Contrast ratio (typical)	1300:1
Dynamic contrast ratio	500,000:1
Response time (typical)	8 ms

Aspect ratio	16:9
Viewing angle (horizontal)	178 degree
Viewing angle (vertical)	178 degree
Pixel pitch	0.56 x 0.56 mm
Display colors	1073 M
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	640 x 480, 60, 67, 72, 75Hz 800 x 600, 56, 60, 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 1440 x 900, 60Hz 1600 x 1200, 60Hz 1920 x 1080, 60Hz 1920 x 1200, 60Hz
Video formats	480i, 60Hz 480p, 60Hz 576p, 50Hz 576i, 50Hz 720p, 50, 60Hz 1080i, 50, 60Hz 1080p, 50, 60Hz

Connectivity

Video input	DVI-D HDMI (x2) VGA (Analog D-Sub) DisplayPort (1.2) Component (BNC x3) Composite (BNC)
Video output	DisplayPort 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) 2.5 mm jack
Other connections	OPS

Convenience

Signal Loop Through	RS232 VGA DisplayPort DVI IR Loopthrough
Ease of installation	Carrying Handles
Energy saving functions	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	3.5 mm
Bezel width	Top/Left: 2.35mm, Bottom/Right: 1.25mm
Set Width	1077.6 mm
Set Height	607.8 mm
Set Depth	103.8 mm
Set Width (inch)	42.4 inch
Set Height (inch)	23.9 inch
Set Depth (inch)	4.1 inch
VESA Mount	400 x 400 mm, M6
Product weight	21.6 kg
Product weight (lb)	47.6 lb

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)	110 W (EnergyStar 6.0 test method)
Standby power consumption	<0.5W

Sound

Built-in speakers	2 x 10W (RMS)

Accessories

Included accessories	Remote Control Batteries for remote control AC Power Cord RS232 cable User manual on CD-ROM Quick start guide Edge alignment pins Edge alignment plates DVI-D cable
Optional accessories	Edge finishing kit ColourCalibrationKit (CCK4601) HDBaseT OPS Receiver (CRD25) IR Light Motion Sensor (CRD41)

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



data subject to change
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