

Philips
LCD monitor

46"

multimedia HD Ready

BDL4675XU



Create stunning video walls

with the zero-bezel 46" LCD display

Deliver your messages on eye catching video walls up to 5 x 5 units which are guaranteed to make your audience stop and stare

Optimised for public viewing

- Wide format WXGA 1366 x 768 resolution for sharper display
- Slim bezel design for a stylish look
- Advanced in factory colour calibration

Operational flexibility for different applications

- Smart insert in the back cover to place a small PC
- Enhanced zoom feature supports tiled matrix applications

Lower total cost of ownership

- SmartPower for energy saving
- Brightness automatically adjusts with ambient conditions
- Advanced anti-image sticking function

Sustainable and safe

- Temperature sensor measures the health condition

PHILIPS
sense and simplicity

Highlights

Slim bezel

A slim bezel design adds a stylish look to a public display to blend in nicely in most environments. Furthermore, this design is ideal for tiled matrix video walls.

Advanced colour calibration

Whether installing a video wall in a 3 x 3, 2 x 4 or 5 x 5 set up, you want the colour performance of each image to be consistent in each display used. Therefore, each display is specially calibrated in the factory to meet the highest standard of advanced video walls.

Smart insert

Professional PCs are part of most public signage installations. Quite often they add additional depth to the public display and a lot of cable clutter. This public display contains a Smart insert in the back cover that will fit many

professional small form factor PCs. In addition, it offers provisions for efficient cable management.

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.

Automatic brightness control

The adjustment of display settings to correspond with ambient light without user intervention.

Temperature sensor

This public display contains a temperature sensor to monitor the internal health condition. If the internal temperature exceeds the pre-set threshold, two internal fans will be

automatically activated to cool down the display to normal conditions.

Advanced anti-image sticking

Static images left on-screen for extended periods of time may leave a "ghost image" or image sticking effect on LCD displays. Although image sticking on LCD displays is not permanent, you want to prevent this happening, especially in locations where content is shown 24/7.

Zoom function for tiled matrix

The internal zoom function enables easy implementation of a video wall matrix, without the need for expensive external equipment. Capable of a vidiwall of 25 displays by dividing up to 5 displays each horizontally and vertically.



Specifications

Picture/Display

- Diagonal screen size: 46 inch / 117 cm
- Panel resolution: 1366 x 768p
- Optimum resolution: 1360 x 768 @ 60 Hz
- Brightness: 450 cd/m²
- Contrast ratio (typical): 3000:1
- Response time (typical): 8 ms
- Aspect ratio: 16:9
- Viewing Angle (H / V): 178 / 178 degree
- Pixel pitch: 0.63 x 0.63
- Display colours: 16.7 million colours
- 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

- PC: VGA-in D-Sub 15HD, VGA-out D-Sub 15HD, DVI-D x 1, RS232 D-Sub9, RS232 D-sub9 output, 3.5 mm PC audio input x 1
- AV input: HDMI x 1, Component (BNC) x 1, Composite (RCA) x 1, Composite (BNC) x 1, S-video x 1, Audio (L/R) x 2

- AV output: Composite (BNC) x 1, Audio (L/R) x 1
- Other connections: External loudspeaker connector

Convenience

- Placement: Portrait, Landscape
- Tiled Matrix: 5 x 5
- Picture in picture:: PBP, PIP, POP
- Screen-saving functions: Pixel shift, Low bright
- Signal Loop Through:: RS232, VGA
- Keyboard control:: Hidden, Lockable
- Remote control signal:: Lockable
- Ease of installation: Carrying Handles, Smart Insert
- Energy-saving functions:: Ambient light sensor, Smart Power
- Safety control functions:: Heat Control, Temperature Sensor
- Picture performance: Advanced colour control
- Packaging:: Reusable box
- Network controllable: RS232

Dimensions

- Bezel thickness: 2.4 mm bottom/right, 4.3 mm top/left
- Smart insert (WxHxD): 200 x 280 x 55 mm
- Smart insert in inch (WxHxD): 7.9 x 11.0 x 2.17 inches
- Set dimensions (W x H x D): 1026 x 578 x 133 mm
- Set dimensions in inch (W x H x D): 40.4 x 22.8 x 5.2 inch
- Product weight: 27.5 kg
- Product weight (lb): 60.6
- VESA Mount: 400 x 200 mm (Set), 100 x 100 mm (Smart insert)

Operating conditions

- Temperature range (operation): 0 - 40 °C
- Relative humidity: 5 - 90 %
- MTBF: 50,000 hour(s)

Power

- Mains power: 90-264 VAC, 50/60 Hz
- Consumption (On mode): Typ. 165.5 W
- Standby power consumption: < 1 W

Sound

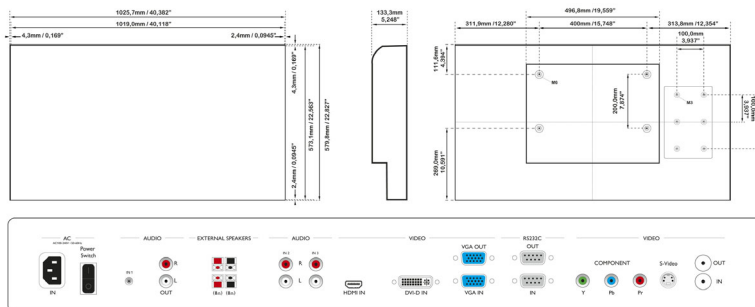
- Built-in speakers: 2 x 12 W (8 ohm)

Accessories

- Included accessories: Remote Control, Batteries for remote control, AC Power Cord, VGA cable, User manual on CD-ROM, Quick start guide
- Optional accessories: Fixed wall mount, Flexible wall mount, Ceiling mount, Tabletop stand

Miscellaneous

- Bezel: metallic anthracite
- Guaranteed: Europe/North America: 3 years
- On-Screen Display Languages: English, French, German, Italian, Polish, Turkish, Russian, Simplified Chinese
- Regulatory approvals: CE, FCC, Class B, CCC, RoHS



Issue date 2011-03-15

Version: 1.0.1

12 NC: 8670 000 69869
EAN: 87 12581 57311 9

© 2011 Koninklijke Philips Electronics N.V.
All Rights reserved.

Specifications are subject to change without notice.
Trademarks are the property of Koninklijke Philips Electronics N.V. or their respective owners.

www.philips.com