Philips
LCD monitor

132 cm (52")
multimedia
HDTV monitor

BDL5231V

Impress and capture your audience

with a slim bezel 132 cm (52") LCD

Deliver your message in the most demanding applications with this stylish 132 cm (52") LCD display. Whether used in a network environment, a tiled matrix set up or as a single public display, your audience will be astonished.

Operational flexibility for different applications
• Smart insert in the backcover to place a small pc
• Remote Management and Configuration via RS232

Lower total cost of ownership
• SmartPower for energy saving
• Brightness automatically adjusts with ambient conditions
• Advanced anti image sticking function

Optimized for public viewing
• Full HD LCD display, 1920x1080p
• Slim bezel design for a stylish look
• Enhanced zoom feature supports tiled matrix applications
• Projects a high brightness picture even in daylight

Sustainable and safe
• Complies with RoHS standards to care for the environment

PHILIPS

Highlights

Full HD LCD display 1920x1080p
This display has a resolution that is referred to as Full HD. The state-of-the-art LCD screen technology has the full high-definition widescreen resolution of 1080 progressive lines, each with 1920 pixels. This allows the best possible picture quality for HD input signals with up to 1080 lines. It produces brilliant flicker-free progressive scan pictures with optimum brightness and superb colors. This vibrant and sharp image will provide you with an enhanced viewing experience.

Slim bezel
A slim bezel design adds a stylish look to a public display to nicely blend in just about any environment. Furthermore this design makes the display ideal for tiled matrix video walls.

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.

High brightness - 1500 nits
Enjoy an excellent visual experience even in areas illuminated by direct sunlight thanks to the 1500 nit panel. The high brightness offers a wide

array of new implementation possibilities especially in locations that have high ambient light levels, delivering crystal clear images for almost all locations where ambient brightness is an issue. However, it is vital to make sure that the display is thermally conditioned in an air-conditioned enclosure for such installations. Please see instruction book for details on environmental operating conditions.

Remote Management:: RS232
Remote Management allows the user to control and adjust the displays remotely via the RS232 protocol. Using CEC commands, you are able to have full control over all the displays in your signage network at any time.

Smart Insert
Professional PC's are part of most public signage installations. Quite often they increase the overall depth to the display and cause a lot of cable clutter. So we have designed this display with Smart insert in the back cover which is ideal for the integration of a professional small form factor PC. On top of that, the cable management system offers a great solution to keep your cables neat and professional looking.

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.

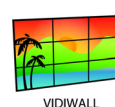### Automatic brightness control
The adjustment of display settings to correspond with ambient light without user intervention.

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 in LCD displays is not permanent, you want to prevent this to happen, especially in locations where content is shown 24/7.

Compliant with RoHS standards
Philips designs and produces display products in compliance with strict Restriction of Hazardous Substances (RoHS) standards that restrict lead and other toxic substances that can harm the environment.

Slim Bezel   Smart Insert   SmartPower   Portrait Mounting   VIDIWALL   Lead Free

Specifications

Picture/Display
- Diagonal screen size (metric): 132 cm
- Diagonal screen size (inch): 52 inch
- Aspect ratio: 16:9
- Pixel pitch: 0.6 x 0.6 mm
- Optimum resolution: 1920 x 1080 @ 60Hz
- Brightness: 700 cd/m²
- Display colors: 1.07 Billion colors
- Contrast ratio (typical): 4000:1
- Response time (typical): 8 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, Picture in Picture, Progressive scan, 3D MA deinterlacing
- Horizontal Scanning Frequency: 31.5 - 91.1 kHz
- Vertical Scanning Frequency: 58 - 85 Hz
- Display screen type: LCD Full HD W-UXGA Act. matrix

Connectivity
- PC: VGA-in D-Sub 15HD, VGA-out D-Sub 15HD, DVI-D x1, RS232 D-Sub9, RS232 D-sub9 output, 3.5 mm PC audio input x1
- AV input: HDMI x1, Component (YPbPr) x1, Audio (L/R) for YPbPr x1, Composite (BNC) x1, Composite (CVBS) x1, S-video x1, Audio (L/R)x2 for CVBS & S-Vid
- AV output: Audio (L/R) x1, Composite (BNC) x1
- Connectivity Enhancements: External Loudspeaker connector

Convenience
- Placement: Portrait, Landscape
- Regulatory approvals: CE Mark, RoHS, UL, FCC Class B, CCC
- OSD Languages: English, French, German, Italian, Spanish, Polish, Turkish, Russian, Simplified Chinese
- Network controllable: RS232
- VESA Mount: MIS-F 400x400mm (Set), MIS-D 100x100mm (Smart insert)

Sound
- Built-in speakers: 2 x 5 W (8 ohm)
- Detachable speakers: 2 x 7 W (8 ohm)

Power
- Mains power: 90-264 VAC, 50/60 Hz
- Consumption (On mode): Typ. 211W
- Standby power consumption: < 1W

Supported Display Resolution
- Computer formats: 640 x 480, 60, 75Hz, 800 x 600, 60Hz, 1024 x 768, 60Hz, 1280 x 768, 60Hz, 1360 x 768, 60Hz, 1366 x 768, 60Hz, 1600 x 1200, 60Hz, 1900x1200, 60Hz(red. Blanking), 1920 x 1080, 60Hz
- Video formats: 480i, 60Hz, 480p, 60Hz, 576i, 50Hz, 576p, 50Hz, 720p, 50, 60Hz, 1080i, 50, 60Hz, 1080p, 60Hz

Dimensions
- Bezel thickness: 2.6 cm / 1.04 inch
- Smart Insert mount: 160 x 300 x 55 mm
- Set height (with stand): 751 mm
- Smart insert in inch (WxHxD): 6.30 x 11.81 x 2.17 inch
- Set height (with stand) (inch): 29.57 inch
- Set Width: 1209 mm
- Product weight: 36.5 kg
- Set depth (with stand): 406 mm
- Set Height: 705.5 mm
- Set Depth: 123 mm
- Set depth (with stand) (inch): 15.95 inch
- Set Width (inch): 47.59 inch
- Set Height (inch): 27.77 inch
- Wall Mount: 400x200mm (Set), 100x100mm (Smart insert)
- Set Depth (inch): 4.85 inch
- Product weight (lb): 81.3 lb
- MTBF: 50,000 hrs

Technical specifications
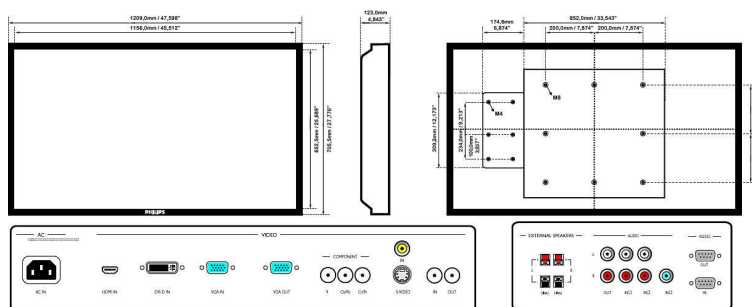- Operating temperature range: 0 - 40 °C
- Relative humidity range: 5% - 90%

Accessories
- Included accessories: VGA cable, Remote Control, Batteries for remote control, User manual on CD-ROM, AC Power Cord, Quick start guide
- Optional accessories: Speakers BAL4631S1, Ceiling mount, Fixed wall mount, Flexible wall mount
- Stand: BM05211

Miscellaneous
- Bezel: metallic anthracite
- Warranty: Europe/North America: 3 years