

Philips
LCD monitor

37"
multimedia
WXGA

BDL3731V



Striking Display for Indoor Public Applications

Control your costs with this network-controllable 37" LCD monitor. Whether used in a network or as a single public display, this model offers a variety of features to meet the most demanding public and corporate viewing applications.

Operational flexibility for different applications

- Hidden and lockable control buttons
- Monitor is network controllable for remote management
- Portrait mode operability

Lower total cost of ownership

- Extensive accessory package
- Backlight control

Optimised for public viewing

- Wide format WXGA 1366 x 768 resolution for sharper display
- HDMI input for full digital HD connection in one cable
- PiP allows watching a second source simultaneously
- 3D combfilter separates colours for a razor-sharp image
- Motion compensated deinterlacing

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Highlights

WXGA 1366 x 768 resolution

The wide format of XGA resolution LCD panel is capable of displaying 1366 x 768 pixels; WXGA allows monitors to be non-interlaced to ensure a better display performance and accurate colour display effect.

HDMI input



HDMI makes an uncompressed digital RGB connection from the source to the screen. By eliminating conversion to an analogue signal, it delivers an unblemished image. The non-degraded signal reduces flicker and leads to a clearer picture. HDMI intelligently communicates the highest output resolution with the source device. The HDMI input is fully backwards-compatible with DVI sources but includes digital audio. HDMI uses HDCP copy protection.

Motion comp. deinterlacing

Motion compensated deinterlacing employs a smart deinterlacing algorithm that uses the images in a digital memory to measure and estimate the motion speed and direction of objects to create new fields with corrected motion positions so video content has perfectly smooth, judder-free and razor-sharp moving images.

3D Combfilter

The 3D combfilter separates brightness and colour signals better in 3D domain to eliminate cross-colour, cross-luminance and dot-crawl distortion - all of which detract from your viewing pleasure. The 3D digital combfilter performs field-by-field comparisons of the television image to accurately separate the colour from the black-and-white information and remove both horizontally and vertically hanging dots, as well as dot crawl. The result is a razor sharp image.

Picture In Picture (PIP)

Provides the ability to watch simultaneously two different sources, either two video sources or a combination with data/graphics

Backlight control

Dependent on the ambient lighting of your public or corporate environment you might

want to adapt the intensity of the light output of your display. Decreasing the backlight level could save a lot of power consumption, especially in public areas where displays operate for many hours every day.

Extensive accessory package

This display is equipped as standard with an accessory package that includes a remote control, user manual, DVI and VGA cables, a table top stand (feet) and (detachable) speakers.

Network controllability: RS232

Network controllability allows user to control and adjust monitors remotely through RS232 protocol.

Portrait mounting possible

This display can also be safely and reliably mounted in portrait position.

Hidden and control buttons

The local control buttons of the display are placed in such a way that they are less visible for immediate access. Furthermore, the remote control sensor and the local control buttons can be disabled via RS232 to prevent unauthorised control of the display when placed in a public space.



Specifications

Connectivity

- Audio output: Speaker Out 2x mini-jack 3.5 mm
- PC: DVI-D with HDCP, RS232 D-Sub9, VGA-in D-Sub 15HD
- AV input: Component (YPbPr) x 1, Audio (L/R) for YPbPr x 1, Composite (CVBS) x 1, Audio (L/R) x 2 for CVBS and S-Vid, S-video x 1, Scart 2 x
- AV output: Composite (CVBS) x 1, Audio (L/R) x 1
- Other connections: HDMI in 2x
- Audio input for PC: Audio Left/Right (RCA 2 x)
- Audio input for DVI: Audio Left/Right (RCA 2 x)

Picture/Display

- Panel Size: 37"/94 cm
- Aspect ratio: 16:9
- LCD panel type: 1366 x 768 pixels, Anti-glare polariser
- Pixel pitch: 0.6 x 0.6 mm
- Optimum resolution: 1360 x 768 @ 60 Hz
- Brightness: 500 cd/m²
- Display colours: 16.7 million colours
- Dynamic screen contrast: 1600:1
- 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 by Picture, Picture in Picture, Progressive scan
- Horizontal Scanning Frequency: 30 80 kHz
- Vertical Scanning Frequency: 50-85 Hz

Convenience

- Placement: Portrait, Landscape
- Built-in Audio: Built-in amplifier and 10 W RMS x 2 stereo speakers
- User convenience: On-screen Display
- Monitor Controls: Left/Right, Menu (OK), Power On/Off, Source Select, Up/Down, Volume control
- Regulatory approvals: C-Tick, CE Mark, FCC-B, UL, CSA, RoHS
- OSD Languages: English, French, German, Italian, Spanish, Dutch, Portuguese, Simplified Chinese
- Network controllable: RS232
- Teletext: 1000-page Smart Text

Power

- Power supply: 100-240 VAC, 50/60 Hz
- Consumption (On mode): typ. 170 W
- Sleep Mode: ≤ 7 W

Supported Display Resolution

- Computer formats: 640 x 480, 60, 72, 75 Hz, 720 x 400, 70 Hz, 800 x 600, 60, 72, 75 Hz, 848 x 480, 60 Hz, 1024 x 768, 60, 70, 75 Hz, 1280 x 1024, 60 Hz, 1280 x 768, 60 Hz, 1360 x 768, 60 Hz
- Video formats: 480i, 60 Hz, 480p, 60 Hz, 576p, 50 Hz, 576i, 50 Hz, 720p, 50, 60 Hz, 1080i, 50, 60 Hz

Dimensions

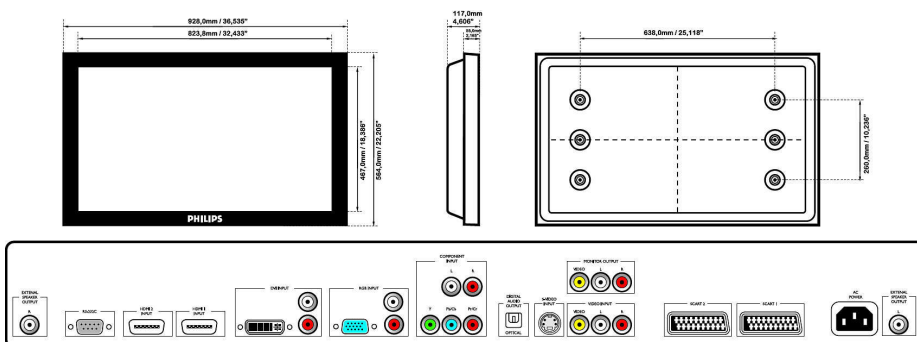
- Product weight: 28 kg
- Set Width (inch): 36.56 inch
- Temperature range (operation): +32°F to +104°F
- Set Height (inch): 22.22 inch
- Temperature range (storage): -4°F to 140°F
- Set Depth (inch): 4.61 inch
- Product weight (lb): 61.73 lb
- Relative humidity: 5% - 90%
- MTBF: 50,000 hrs
- Depth (w/o base and speakers): 117 mm
- Height (w/o base and speakers): 564 mm
- Width (w/o base and speakers): 928 mm
- Temperature (operation): 0°C to +40°C
- Temperature (storage): -20°C to +60°C

Accessories

- Included accessories: Tabletop stand, DVI-D cable, VGA cable, Remote Control, Battery, AC Power Cord
- Optional accessories: Ceiling mount BM04111 and BM01111, Fixed wall mount BM02111, Flex wall mount BM04111 and BM02212
- User Guide on CD-ROM

Miscellaneous

- Bezel: metallic anthracite
- Warranty: Europe/North America: 3-year, APMEA: 1 year



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