



Philips
LCD monitor

42"
multimedia
WXGA

BDL4221V



Robust Display for Demanding Applications

Control your costs with this rugged network-controllable 42" LCD monitor. Whether used in a network, a tiled matrix or as a single public display, this model offers a variety of features to meet the most demanding applications

Operational flexibility for different applications

- Enhanced zoom feature supports tiled matrix applications
- Monitor is network controllable for remote management
- VGA loop through enables daisy chaining to multiple monitors
- Optional TV tuner
- Portrait mode operability

Lower total cost of ownership

- Intelligent power management for lower consumption
- No permanent burn-in when static information is displayed

Designed for public areas

- Security feature prevents unauthorised control
- Robust metal bezel and metal back cover

Optimised for public viewing

- Wide format WXGA 1366 x 768 resolution for sharper display
- Brightness automatically adjusts with ambient conditions

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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.

Automatic brightness control

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

Robust metal bezel

Specially designed for demanding public applications, the metal bezel offers higher durability and protection against vandalism. Anodised paint is used to offer extra protection of the bezel against scratches.

No unauthorised control

The local controls of the display are placed in such a way that they are less visible for immediate access. Furthermore the remote

control sensor and the keypad on the display can be disabled via RS232 in order to prevent unauthorised control of the display when placed in a public space.

Network controllability: RS232

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

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 2x2, 3x3, 4x4 and 5x1 configurations.

Signal loop through

Multiple screen daisy chain effectively distributes control and visual content from a single source to an array of monitors in various locations within a site.

Portrait mounting possible

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

Optional TV tuner

An optional TV tuner can be ordered separately and installed by the user by simply plugging in the unit in a slot at the back of the monitor. When switching on the monitor the tuner will be recognised.

Intelligent power management

Intelligent power management employs energy-efficient technologies in product design to reduce power consumption and significantly lower the total cost of ownership.

No permanent burn-in

Public displays often show static information which could cause ghost images (burn-in). By simply switching the monitor off/on, these ghost images disappear fully.



Specifications

Connectivity

- Audio output: Stereo Audio (3.5 mm jack) 1 x, External loudspeaker connector
- PC: 3.5 mm PC audio input x 1, DVI-D with HDCP, RS232 D-Sub9, RS232 D-sub9 output, VGA-in D-Sub 15HD, VGA-out D-Sub 15HD
- AV input: Component (YPbPr) x 1, Audio (L/R) for YPbPr x 1, Composite (CVBS) x 1, Audio (L/R) x 1, S-video x 1, SCART x 1
- AV output: Composite (CVBS) x 1, Audio (L/R) x 1

Picture/Display

- Panel Size: 42"/106.7 cm
- Aspect ratio: 16:9
- LCD panel type: 1366 x 768 pixels, Anti-glare polariser
- Pixel pitch: 0.227 x 0.681 mm
- Optimum resolution: 1366 x 768 @ 60 Hz
- Brightness: 600 cd/m²
- Display colours: 16.7 million colours
- Contrast ratio (typical): 1200:1
- Response time (typical): 10 ms
- Viewing angle (horizontal): 178 degree
- Viewing angle (vertical): 178 degree
- Picture enhancement: 3D Combfilter, De-interlacer, Picture in Picture, Progressive scan
- Horizontal Scanning Frequency: 30–63 kHz
- Vertical Scanning Frequency: 56 - 75 Hz

Convenience

- Plug and Play Compatibility: sRGB, Windows 98/ME/2000/XP
- Picture in Picture: 1 tuner PIP, Double window
- User convenience: Automatic Brightness Control, Automatic Overheat Warning, On-screen Display
- Regulatory approvals: C-Tick, CE Mark, FCC-B, UL, CSA, MPRII, TÜV/GS
- OSD Languages: English, French, German, Italian, Spanish, Simplified Chinese
- Other convenience: Cable management, Carrying handles, Kensington lock
- Network controllable: RS232
- VESA Mount: 600 x 400 mm
- Detachable Audio: 2 x 10 W RMS Speakers
- Onboard Operating Controls: Hidden controls

Power

- Power supply: Built-in, 90-264 VAC, 50/60 Hz
- Consumption (On mode): typ. 140 W (PC), 220 W (TV)
- Sleep Mode: ≤ 3 W

Supported Display Resolution

- Computer formats: 640 x 480, 60, 75 Hz, 720 x 400, 70 Hz, 800 x 600, 60, 75 Hz, 1024 x 768, 60, 75 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

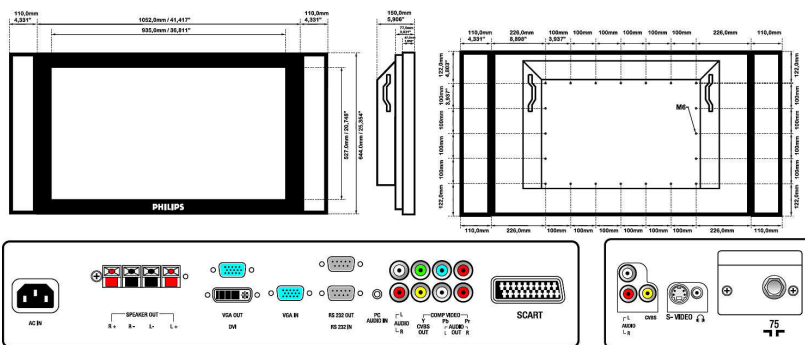
- Weight: 31 kg
- Set Width (inch): 42.42 inch
- Set Height (inch): 25.76 inch
- Set Depth (inch): 5.91 inch
- Product weight (lb): 68.34 lb
- Relative humidity: 5% - 90%
- MTBF: 50,000 hrs
- Depth (w/o base and speakers): 150 mm
- Height (w/o base and speakers): 644 mm
- Width (w/o base and speakers): 1052 mm
- Width (with speakers): 1272 mm
- Width (with speakers) (inch): 50.079 inch
- Temperature (operation): 0°C to +35°C

Accessories

- Included accessories: Speakers (L/R), Tabletop stand (2 feet), DVI-D cable, VGA cable, Remote Control, Battery, AC Power Cord
- Optional accessories: PAL tuner box BPL4221R1, 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: 3 years on site, APMEA: 1 year



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