Philips
LCD monitor

165 cm (65")
multimedia
Full HD

BDL6545AT

Open up a new era of interaction

with the multi-touch LCD display

Take audience participation to a whole new level with the 165 cm (65") full HD LCD display. With your own touch applications, the sky's the limit!

Operational flexibility
- Optical touch technology for advanced user interaction
- Open Pluggable Specification Slot
- Designed for 24/7 operation
- 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
- Advanced anti image sticking function

Sustainable and safe
- Temperature sensor measures the health condition
- Complies with RoHS standards to care for the environment

PHILIPS

LCD monitor
165 cm (65") multimedia, Full HD

Specifications

Highlights

Picture/Display
- Diagonal screen size: 65 inch / 165.1 cm
- Panel resolution: 1920x1080p
- Optimum resolution: 1920 x 1080 @ 60Hz
- Brightness: 500 cd/m²
- Contrast ratio (typical): 5000:1
- Response time (typical): 5 ms
- Aspect ratio: 16:9
- Viewing angle (H / V): 178 / 178 degree
- Pixel pitch: 0.744 x 0.744 mm
- Display colors: 1.07 billion
- Picture enhancement: 3/2 - 2/2 motion pull down, Motion compens. deinterlacing, Progressive scan, Dynamic contrast enhancement
- Display screen type: LCD Full HD W-UXGA Act. matrix

Supported Display Resolution
- Computer formats

Resolution	Refresh rate
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

Resolution	Refresh rate
480i	60Hz
480p	60Hz
576p	50Hz
576i	50Hz
720p	50, 60Hz
1080i	50, 60Hz
1080p	50, 60Hz

Convenience
- Tiled Matrix: Up to 5 x 5
- Picture in picture: PIP
- Signal loop through: RS232, VGA
- Keyboard control: Hidden, Lockable
- Remote control signal: Lockable
- Ease of installation: AC Out, Carrying Handles, Smart Insert
- Energy saving functions: Ambient light sensor, Smart Power
- Packaging: Reusable box
- Network controllable: RS232

Operating conditions
- Temperature range (operation): 0 - 40 °C

- Relative humidity: 5 - 90 %
- MTBF: 50,000 hour(s)

Sound
- Built-in speakers: 2 x 10W (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

Miscellaneous
- On-Screen Display Languages: English, French, German, Italian, Polish, Turkish, Russian, Simplified Chinese
- Regulatory approvals: CE, FCC, Class B, CCC, RoHS

Product dimensions
- Product dimensions (W x H x D): 87.6 x 150 x 12.3 cm
- Weight: 50 kg

Packaging dimensions
- EAN: 87 12581 64672 1
- Number of products included: 1
- Packaging type: Carton

Connectivity
- PC: VGA-in D-Sub 15HD, VGA-out D-Sub 15HD, RS232 D-Sub9, RS232 D-sub9 output
- AV input: HDMI x1, S-video x1, DVI-D x1, Component RCA
- AV output: Audio (L/R) x2
- Other connections: OPS
- Audio output: Audio L/R x1

Power
- Standby power consumption: <1W

Technical specifications
- Touchpoints: Optical Sensing Touch s

Dimensions
- Bezel thickness: 45.5mm r/l, 42mm top, 39mm bottom
- Set dimensions (W x H x D): 1524 x 889 x 139 mm
- Set dimensions in inch (W x H x D): 60.0 x 35.0 x 5.4 inch
- VESA Mount: 400 x 400mm
- MTBF: 50,000 (excl. CCFL 60,000) hrs
- Product weight: 72 kg

Optical multi-touch
The sensors on the edge of the screen give you perfect clarity whilst at the same time offering multi-touch interaction, opening up all kinds of possibilities for new interactive applications.

OPS Slot
Developed for the Digital Signage market, the Open Pluggable Specification (OPS) slot is designed to make changing or upgrading your media player mere child's play. Simply plug your media player in to the display - and you're ready. No matter whether you have an entry level, mid-range or high-end media player, OPS is fully compatible bringing you a lower TCO over the longer term.

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.

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.

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.

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