

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!

#### Lower total cost of ownership

- SmartPower for energy saving
- Advanced anti image sticking function

#### Operational flexibility

- Open Pluggable Specification Slot
- Optical touch technology for advanced user interaction
- Designed for 24/7 operation
- Smart insert in the backcover to place a small pc
- Remote Management and Configuration via RS232

#### Sustainable and safe

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

# PHILIPS

# Highlights

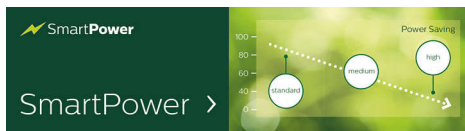
## Optical multi-touch

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

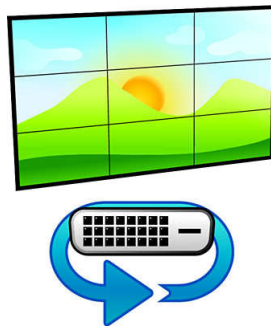


The backlight intensity can be controlled and pre-set by the system to reduce the power consumption by up to 50%, which saves substantially on energy costs.

## 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.

## Designed for 24/7 operation



Because business never sleeps, our signage displays are designed for 24/7 use. Taking advantage of superior components to ensure a higher level of quality, you can count on this range of models for complete around-the-clock reliability.

## 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.

## Temperature sensor

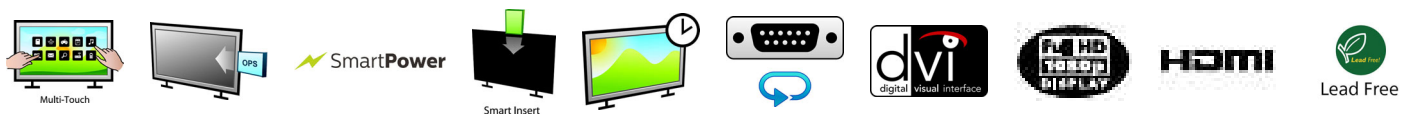
This public display contains a temperature sensor to monitor the internal health condition. In case the internal temperature surpasses the preset threshold, automatically two internal fans will be activated to cool down the display to normal conditions.

## 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 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.



# Specifications

## Connectivity

- Audio output: Audio L/R x1
- 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

## Picture/Display

- Diagonal screen size (metric): 165.1 cm
- Diagonal screen size (inch): 65 inch
- Aspect ratio: 16:9
- Panel resolution: 1920x1080p
- Pixel pitch: 0.744 x 0.744 mm
- Optimum resolution: 1920 x 1080 @ 60Hz
- Brightness: 500 cd/m<sup>2</sup>
- Display colors: 1.07 billion
- Contrast ratio (typical): 5000:1
- Response time (typical): 5 ms
- Viewing angle (horizontal): 178 degree
- Viewing angle (vertical): 178 degree
- 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

## Convenience

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

## Sound

- Built-in speakers: 2 x 10W (8 Ohm)

## Power

- Standby power consumption: <1W

## Supported Display Resolution

- Computer formats: 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: 480i, 60Hz, 480p, 60Hz, 576p, 50Hz, 576i, 50Hz, 720p, 50, 60Hz, 1080i, 50, 60Hz, 1080p, 50, 60Hz

## Dimensions

- Bezel thickness: 45.5mm r/l, 42mm top, 39mm bottom
- Set Width: 1524 mm
- Product weight: 72 kg
- Set Height: 889 mm
- Set Depth: 139 mm
- Set Width (inch): 60.0 inch
- Set Height (inch): 35.0 inch
- Wall Mount: 400 x 400mm
- Set Depth (inch): 5.4 inch
- MTBF: 50,000 (excl. CCFL 60,000) hrs

## Product dimensions

- Width: 87.6 cm
- Height: 150 cm
- Depth: 12.3 cm
- Weight: 50 kg

## Technical specifications

- Touchpoints: Optical Sensing Touch s

## Operating conditions

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

## 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

## Packaging dimensions

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

