



Philips

Multi-Touch Display

- 55"
- Edge LED Backlight
- Full HD
- Optical Imaging, 5 Touchpoints

BDL5554ET/00

Discover a new level of interaction

with this multi touch LED display

Get even closer to your audience than ever before. Fast, precise and extremely durable, its high performance is matched by excellent reliability and functionality.

Benefits

Optimised for public viewing

- Full HD LED technology for brilliant images
- IPS wide view technology for image and colour accuracy

Supreme audience interaction

- Optical touch technology for advanced user interaction
- True multi touch with 5 simultaneous touch points
- USB Plug-and-Play compatible
- Compatible with all leading operating systems

Operational flexibility

- Open Pluggable Specification Slot
- Smart insert in the back cover to place a small PC
- Smart Control Software Suite
- Designed for 24/7 operation
- Portrait mode operability

Features

Full HD LED technology

White LED's are solid state devices which light up to full, consistent brightness faster saving startup time. LED's are free from mercury content, which allows for eco-friendly recycling and disposal process. LED's allow for better dimming

PHILIPS

control of the LCD backlight, resulting in a super high contrast ratio. It also gives superior colour reproduction thanks to consistent brightness across the screen.

IPS Display Technology

Philips IPS displays uses an advanced technology, which gives you extra-wide viewing angles of 178/178 degrees, making it possible to view the display from almost any angle — even in portrait mode. IPS displays give you remarkably crisp images with vivid colours, particularly suitable for professional video wall and menu board applications, which demand colour accuracy and consistent brightness at all times.

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.

USB Plug-and-Play compatible

Simply connect the display via USB to your media player for automatic touch recognition. The USB connector is HID compliant, providing true plug-and-play operation.

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.

Smart Insert

Professional PCs are part of most public signage installations. Quite often they increase the overall depth of 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.

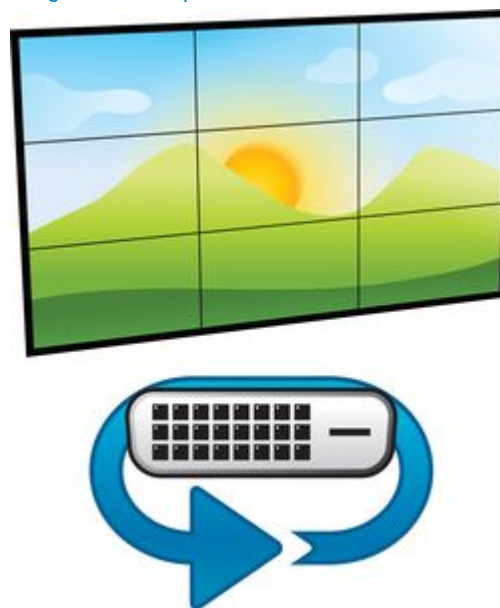
Software compatibility

Our touch displays are software-independent and support Windows 8, Windows 7, Vista, XP, Mac OS and Linux.

Smart Control

Control and manage all of the signage displays on your network with this powerful software tool, which allows you to change the settings of your display centrally via an RJ45 or RS232 connection. Smart Control allows you to set the video input, modify the colour settings, set the display's ID when creating video walls and even diagnose each display's status, giving you all the power you need to manage your displays from one central location.

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.

Specifications

Please note that this is a pre-sales leaflet. The contents of this leaflet reflect the best of our knowledge per date and country mentioned above. The contents of this leaflet are subject to change without notice. Philips does not accept any liability as to the contents of this leaflet.

Picture/Display

Diagonal screen size (metric)	138.7 cm
Diagonal screen size (inch)	54.6 inch
Panel resolution	1920 x 1080p
Optimum resolution	1920 x 1080 @ 60 Hz
Brightness	450 cd/m ²
Contrast ratio (typical)	1300:1
Dynamic contrast ratio	500,000:1
Response time (typical)	12 ms
Aspect ratio	16:9
Viewing angle (horizontal)	178 degree
Viewing angle (vertical)	178 degree
Display colours	1.06 Billion
Pixel pitch	0.63 x 0.63 mm
Surface treatment	Anti-Glare coating
Picture enhancement	3/2 - 2/2 motion pull down 3D Combfilter Motion compens. deinterlacing Progressive scan 3D MA deinterlacing Dynamic contrast enhancement

Interactivity

Multi-touch technology	Optical sensing
Touch points	5 simultaneous touchpoints
Plug and play	HID compliant
Protection glass	5 mm tempered safety glass

Connectivity

Video input	DisplayPort (1.1a) HDMI DVI-D VGA (Analogue D-Sub) Component (RCA) Composite (RCA)
Video output	DVI-I VGA (via DVI-D)
Audio input	Audio Left/Right (RCA) 3.5-mm jack
Audio output	Audio Left/Right (RCA) External speaker connector
External control	RJ45 RS232C (in/out) D-Sub9
Other connections	USB AC-out OPS

Supported Display Resolution

Computer formats	640 x 480, 60, 67, 72, 75 Hz
	800 x 600, 56, 60, 72, 75 Hz
	1024 x 768, 60 Hz
	1280 x 768, 60 Hz
	1280 x 800, 60 Hz
	1280 x 1024, 60 Hz
	1360 x 768, 60 Hz
	1366 x 768, 60 Hz
	1440 x 900, 60 Hz
	1600 x 1200, 60 Hz
	1920 x 1080, 60 Hz
	1920 x 1200, 60 Hz
Video formats	480i, 60 Hz
	480p, 60 Hz
	576p, 50 Hz
	576i, 50 Hz
	720p, 50, 60 Hz
	1080i, 50, 60 Hz
	1080p, 50, 60 Hz

Convenience

Placement	Landscape Portrait
Signal Loop Through	DVI RS232 VGA
Network controllable	RS232 RJ45
Picture performance	Advanced colour control
Picture in picture	PIP
Screen-saving functions	Pixel Shift, Low Brightness
Keyboard control	Hidden Lockable
Remote control signal	Lockable
Ease of installation	AC Out Smart Insert Smart Power
Energy-saving functions	
Packaging	Reusable box
Other convenience	Carrying handles

Dimensions

Set Width	1262.8 mm
Set Height	733.8 mm
Set Depth	84.0 mm
Bezel width	23.71 mm
Product weight	43.5 kg
VESA Mount	400 x 400 mm, 400 x 200 mm, 200 x 200 mm
Smart Insert mount	100 x 200 mm, 100 x 100 mm

Sound

Built-in speakers	2 x 10 W
-------------------	----------

Operating conditions

Temperature range (operation)	5 ~ 40 °C
Relative humidity	20 ~ 80 %
MTBF	50,000 hour(s)

Power

Mains power	90 ~ 240 VAC, 50/60Hz
Consumption (On mode)	140 W (Typ.)
Standby power consumption	<0.5 W

Accessories

Included accessories	AC Power Cord VGA cable RS232 cable USB cable Remote Control Batteries for remote control Quick start guide User manual on CD-ROM BM05462 (Optional)
Stand	

Miscellaneous

On-Screen Display Languages	English French German Italian Polish Turkish Spanish Russian Simplified Chinese Traditional Chinese
Regulatory approvals	CE CCC FCC, Class B UL/cUL RoHS EPA CB C-Tick EAC EMF KUCAS SASO
Warranty	3-year warranty



data subject to change
2015, April 10

Version: 3.1.1
EAN: 8712581703240

© 2015 Koninklijke Philips Electronics N.V.
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips Electronics N.V. or their respective owners.

www.philips.com