

Multi-Touch Display

- 55"
- Edge LED Backlight
- Full HD
- Optical Imaging, 6 Touch points

BDL5556ET/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 for brilliant images with incredible contrast
- Designed for 24/7 operation

Supreme audience interaction
- Experience amazing interactivity with true Multi-Touch
- Optical touch technology for advanced user interaction
- True multi-touch with 6 simultaneous touch points
- Compatible with all leading operating systems

Innovative solutions for any signage application
- Optional OPS Insert to create an all-in-one solution

Care about you, your business and your audience
- SmartPower for energy saving

Maximising the impact of your message
- Manage and control your network remotely via SmartControl

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Features

Full HD LED technology

Picture Quality matters. Standard displays deliver quality, but you expect more. Imagine crisp detail paired with high brightness, incredible contrast and realistic colours for a true-to-life picture.

Plug-and-Play Multi-Touch



A brand new level of interactivity is now available thanks to integrated touch technology. More flexibility and optimum simultaneous touch performance coupled with excellent operability opportunities give you the ultimate in user interaction. Multi-Touch displays are equipped with automatic touch recognition. The USB connector is HID-compliant, providing true plug-and-play operation.

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.

6 simultaneous touch points

Enjoy a more interactive experience with up to 6 touch points at the same time. Ideal for when you have more than one user interacting with your application simultaneously, the 6 touch points offer an extremely cost-effective solution.

Software compatibility

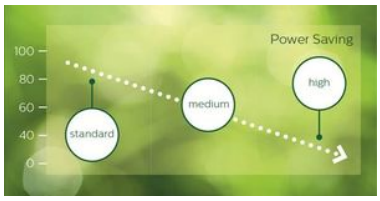
Our touch displays are software-independent and support Windows 8, Windows 7, Vista, XP, Mac OS and Linux.

OPS Insert



Turn your display into an all-in-one digital signage solution and create a display network that is connected, intelligent and secure. Open Pluggable Specification (OPS) is an industry-standard slot into which you can add an OPS-standardised media player. This cable-free solution gives you the ability to install, use or maintain your hardware whenever you need to.

SmartPower



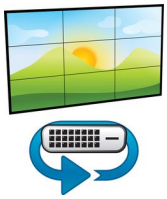
The backlight intensity can be controlled and pre-set by the system to reduce the power consumption by up to 50%, which saves substantially on energy costs.

SmartControl



SmartControl lets you remotely control and manage your network of displays via RJ45 and RS232C. Easily fine-tune all display settings including resolution, brightness, contrast and cloning of your settings over your complete network.

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/m²
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	6 simultaneous touch points
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
Energy-saving functions	Smart Power
Packaging	Reusable box
Other convenience	Carrying handles

Dimensions

Set Width	1257.3 mm
Set Height	728.1 mm
Set Depth	79 mm
Bezel width	19.5 mm
Product weight	43 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
Stand	BM05462 (Optional)

Miscellaneous

On-Screen Display Languages	English French German Italian Polish Turkish Spanish Russian Simplified Chinese Traditional Chinese Arabic Japanese
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
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