



Philips

E-Line Display

- 55"
- Edge LED Backlight
- Full HD

BDL5551EL/00

Deliver your marketing messages in style

with this sleek LED display

Maximising your content delivery whilst lowering your TCO has never been so easy or stunning. This 55" display offers gorgeous full HD picture quality with lower power consumption thanks to the edge LED backlight.

Benefits

Optimised for public viewing

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

Lower total cost of ownership

- SmartPower for energy saving

Operational flexibility

- Smart Control Software Suite
- Open Pluggable Specification Slot

- Keep your content up and running with FailOver
- USB Media Playback
- Smart insert in the back cover to place a small PC
- IR Pass-through
- Portrait mode operability
- Designed for 24/7 operation

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

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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.

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.

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.

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 (inch)	54.6 inch
Diagonal screen size (metric)	139 cm
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
Aspect ratio	16:9
Response time (typical)	12 ms
Pixel pitch	0.21 x 0.63 mm
Display colours	1.07 billion
Surface treatment	Anti-Glare coating
Viewing angle (horizontal)	178 degree
Viewing angle (vertical)	178 degree
Picture enhancement	3/2 - 2/2 motion pull down 3D Combfilter 3D MA deinterlacing Dynamic contrast enhancement Motion compens. deinterlacing

Connectivity

PC	RJ45
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FailOver



Keeping your content up and running is critical for demanding commercial applications. While it is unlikely you will face a content disaster, FailOver provides 24/7 protection with a revolutionary technology that plays back-up content on screen in the event of a media player failure. FailOver automatically kicks in when the primary input fails. Simply select a primary input connection and a FailOver connection and you're ready for instant protection.

USB Playback

Enjoy your own media playback via the USB port. Simply plug in a USB drive and create your own signage content to convey the marketing messages you want, when you want them. With a wide range of media formats supported, this powerful media player offers an excellent picture and true flexibility.

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.

IR Pass-through

Control all displays in your signage network through one single remote control, via the primary display. Simple and convenient, this means you don't have to worry about other displays changing configuration settings when using your remote control unit.

AV input	VGA-in D-Sub 15HD VGA-out (via DVI-I) RS232 D-Sub9 RS232 D-sub9 output 3.5 mm PC audio input x 1
Other connections	DVI-D x 1 Component (BNC) x 1 Composite (BNC) x 1 OPS Display Port DVI Out HDMI USB AC-out IR out External loudspeaker connector
AV output	Audio (L/R) x 1

Supported Display Resolution

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

Dimensions

Set Width 1244.4 mm
 Set Height 715.2 mm
 Set Depth 69 mm
 Bezel width 15.8 mm
 Product weight 30.6 kg
 VESA Mount 400 x 400 mm, 400 x 200 mm, 200 x 200 mm
 Smart Insert mount 100 x 100 mm, 100 x 200 mm

Convenience

Signal Loop Through DVI
 VGA
 RS232
 IR Loop through

Network controllable RJ45
 RS232
 HDMI (One Wire)

Placement Landscape
 Portrait

Picture in picture PBP
 PIP
 POP

Energy-saving functions Smart Power

Ease of installation AC Out
 Smart Insert

Keyboard control Hidden
 Lockable

Other convenience Carrying handles

Packaging Reusable box

Tiled Matrix Up to 5 x 5

Power

Mains power 100 ~ 240 VAC, 50 ~ 60 Hz
 Consumption (Typical) 110 W

Standby power consumption <0.5 W

Sound

Built-in speakers 2 x 10 W RMS

Operating conditions

Temperature range (operation) 0 ~ 40 °C
 Temperature range (storage) -20 ~ 60 °C
 Relative humidity 20 ~ 80 %
 Altitude 0 ~ 3000 m
 MTBF 60,000 hour(s)

Accessories

Included accessories AC Power Cord
 Batteries for remote control
 Quick start guide
 Remote Control
 User manual on CD-ROM
 VGA cable

Stand BM05462 (Optional)

Miscellaneous

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

Regulatory approvals CE
 FCC, Class B
 UL/cUL
 CCC
 C-Tick
 RoHS
 GOST

Warranty 3-year warranty



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