Philips Signage Solutions
Multi-Touch Display

42"
Edge-lit LED
Full HD
500cd/m²

BDL4270TT

Connect with your audience 24/7

With this multi-touch LED Display

Engage your audience with the full HD LCD 6pt Multi-Touch display. Fast, precise and extremely durable, its infrared touch technology allows you to interact with your customers much closer than ever before.

Optimized for public viewing
- IPS wide view technology for image and color accuracy
- Designed for 24/7 operation

Innovative solutions for any signage application
- Connect and control your content via the cloud with HTML5
- Schedule what you want, when you want with SmartPlayer
- Free and easy-to-use content management with SmartCMS
- Optional OPS Insert to create an all-in-one solution
- Save and play content with internal memory

Maximizing the impact of your message
- Colour Calibration kit to ensure uniform colours

Care about you, your business and your audience
- SmartPower for energy saving
- Keep your content up and running with FailOver
- Clinical D-image preset for DICOM part 14 Grayscale images

PHILIPS

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Highlights

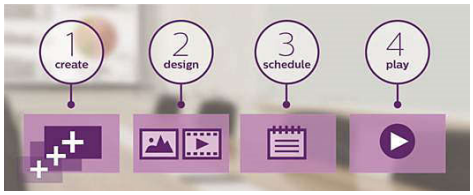
Internal Memory

Save and play content with internal memory. Upload your media into the display and playback content immediately. Working in conjunction with the internal browser, it also serves as a memory cache when streaming online content. If the network ever fails, the internal memory keeps content running by playing a cached version of the content, ensuring that your media stays up even if the network goes down.

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 content 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 your ready for instant protection.

SmartCMS



Free and easy-to-use content management system that works exclusively with Philips Sigage Solutions displays to manage your digital signage content. With SmartCMS you can create and schedule your own content over 24 hours every day. Simply create your network, design your content, schedule your playlist and you are ready to play!

SmartBrowser

Connect and control your content via the cloud with the integrated HTML5 browser. Design your signage content online and connect it with a display or with your complete network. Simply plug in a RJ45 internet cable for network connection, connect the display with the dedicated url-address and you are ready to play your cloud based content.

OPS Insert

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

Advanced Colour Calibration

The Advanced Colour Calibration kit controls the luminance of the backlight, standardizes the gamma curve and calibrates the greyscale of your display network. Whether you have an impressive video wall, a catchy mosaic layout, a menu board installation or a control room each display can be adjusted to the same colour values. With this optional kit you ensure consistent colour performance over all displays in your network.

Clinical D-image

Monitors must show medical images consistently with high quality to achieve reliable interpretations. The rendering of medical Grayscale images on standard monitors is mostly inconsistent at best, making them unsuitable for usage in a clinical environment. Philips clinical review displays with clinical D-image preset are factory calibrated to give DICOM part 14 compatible Grayscale standard display performance. By using high quality LCD panels with LED technology, Philips offers you consistent and reliable performance at an affordable price point. Further info on http://medical.nema.org/

MemoryCache FailOver SmartCMS HTML OPSInsert Advanced ColourCalibration Clinical D-Image SmartPlayer

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Specifications

Connectivity
- Audio output: Audio Left/Right (RCA), External speaker connector
- Video input: DisplayPort (1.2), HDMI (x2), DVI-D, VGA (Analog D-Sub), Component (BNC x3), Composite (BNC), USB
- Audio input: 3.5 mm jack, Audio Left/Right (RCA)
- Other connections: OPS, USB
- Video output: DisplayPort, DVI-I, VGA (Analog D-Sub)
- External control: RJ45, RS232C (in/out) 2.5 mm jack, IR (in/out) 3.5 mm jack

Picture/Display
- Diagonal screen size (metric): 106.73 cm
- Diagonal screen size (inch): 42.02 inch
- Aspect ratio: 16:9
- Panel resolution: 1920x1080p
- Pixel pitch: 0.4833 x 0.4833 mm
- Optimum resolution: 1920 x 1080 @ 60Hz
- Brightness: 500 cd/m²
- Display colors: 1.07 billion
- Contrast ratio (typical): 1300:1
- Dynamic contrast ratio: 500,000:1
- Response time (typical): 8 ms
- Viewing angle (horizontal): 178 degree
- Viewing angle (vertical): 178 degree
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Motion compens. deinterlacing, 3D MA deinterlacing, Dynamic contrast enhancement, Progressive scan

Convenience
- Placement: Landscape, Portrait
- Tiled Matrix: Up to 10 x 10
- Screen saving functions: Pixel Shift, Low Bright
- Keyboard control: Hidden, Lockable
- Signal loop through: DVI, VGA, RS232, IR Loopthrough, DisplayPort
- Energy saving functions: Smart Power
- Other convenience: Carrying handles
- Network controllable: RJ45, RS232, One Wire (HDMI-CEC), Card OPS RS232, HDMI (One Wire)
- Memory: 16GB eMMC

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

Power
- Mains power: 100 ~ 240 VAC, 50 ~ 60 Hz
- Consumption (On mode): 90 W (Typ.)
- Standby power consumption: <0.4 W

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

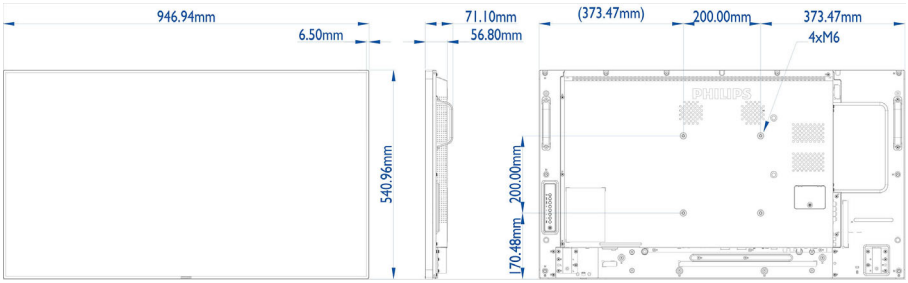
Dimensions
- Set Width: 946.9 mm
- Product weight: 15.3 kg
- Set Height: 541.0 mm
- Set Depth: 56.8 mm
- Set Width (inch): 37.3 inch
- Set Height (inch): 21.3 inch
- Wall Mount: 200 x 200 mm, M6
- Set Depth (inch): 2.2 inch
- Bezel width: 6.5 mm
- Product weight (lb): 33.7 lb

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

Multimedia Applications
- USB Playback Video: M2TS, M4V, MK3D, MKV, MP4, MPEG, MPG, MTS, TS, TTS, VOB, WMV
- USB Playback Picture: BMP, GIF, JPEG, JPG
- USB Playback Audio: AAC, AIF, AIFF, M4A, MP3, WAV, WMA, ASF, LPCM, M3U, MP4

Accessories
- Included accessories: Remote Control, Batteries for remote control, User manual on CD-ROM, Quick start guide, RS232 cable, 3D software, AC Power Cord
- Optional accessories: ColourCalibrationKit (CCK4602), HDBaseT OPS Receiver (CRD25)
- Stand: BM04642 or BM02542 (Optional)

Miscellaneous
- On-Screen Display Languages: English, French, German, Spanish, Polish, Turkish, Russian, Italian, Simplified Chinese, Traditional Chinese, Arabic, Japanese
- Warranty: 3 year warranty
- Regulatory approvals: CE, FCC, Class B, UL/cUL, CCC, C-Tick, RoHS, GOST, BSMI, CB, J-Moss, PSE, VCCI



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