

Multi-Touch Display

- 49"
- Edge-lit LED
- Full HD
- 500cd/m²

BDL4970TT/00

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.

Benefits

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

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

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

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

PHILIPS

Features

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.

SmartPlayer



Turn your USB into a true cost effective digital signage device. Simply save your content (video, audio, pictures) on your USB and plug into your display.Create your playlist and schedule your content via the on screen menu, and enjoy your own created playlists anytime, anywhere.

IPS Display Technology

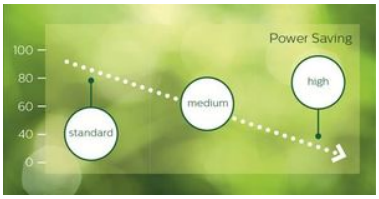
Philips IPS displays uses an advanced technology which gives you extra wide viewing angles of 178/178 degree, making it possible to view the display from almost any angle - even in portrait mode. IPS displays gives you remarkably crisp images with vivid colors, especially suitable for professional video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

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.

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)	48.5 inch
Diagonal screen size (metric)	123.2 cm
Panel resolution	1920x1080p
Optimum resolution	1920 x 1080 @ 60Hz
Brightness	500 cd/m²
Contrast ratio (typical)	1300:1
Dynamic contrast ratio	500,000:1
Aspect ratio	16:9
Response time (typical)	8 ms
Pixel pitch	0.55926 x 0.55926 mm
Display colors	1.07 billion
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

Connectivity

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

Supported Display Resolution

Computer formats	1920 x 1200, 60Hz 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 (inch)	43.0 inch
Set Height (inch)	24.5 inch
Set Depth (inch)	2.2 inch
Set Width	1092.8 mm
Set Height	623.0 mm
Set Depth	56.8 mm
Bezel width	6.5 mm
Product weight (lb)	41.9 lb
Product weight	19.0 kg
VESA Mount	400 x 400 mm, M6
Smart Insert mount	100 x 100 mm, 100 x 200 mm

Convenience

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

Power

Consumption (On mode)	110 W (Typ.)
Standby power consumption	<0.3 W
Mains power	100 ~ 240 VAC, 50 ~ 60 Hz

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)

Sound

Built-in speakers	2 x 10 W RMS

Accessories

Included accessories	Remote Control Batteries for remote control AC Power Cord User manual on CD-ROM Quick start guide RS232 cable
Stand	BM04642 or BM02542 (Optional)
Optional accessories	ColourCalibrationKit (CCK4601) HDBaseT OPS Receiver (CRD25)

Multimedia Applications

USB Playback Audio	AAC AIF AIFF M4A MP3 WAV WMA ASF

	LPCM
	M3U
	MP4
USB Playback Picture	BMP
	GIF
	JPEG
	JPG
USB Playback Video	M2TS
	M4V
	MK3D
	MKV
	MP4
	MPEG
	MPG
	MTS
	TS
	TTS
	VOB
	WMV

Miscellaneous

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

data subject to change
2017, October 2

Version: 1.0.1
UPC: 8712581749101

© 2017 Koninklijke Philips N.V.
All rights reserved.

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

www.philips.com