Multi-Touch Display

- 49"
- Powered by Android
- 450cd/m²

49BDL4050TT/00

Discover a new level of interaction

using the power of Android

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

Innovative solutions for any signage application

- Android: Run your own app or choose your favorite app to run
- Enhance your connectivity with an integrated mPCIe slot.
- Save and play content with internal memory
- Integrated WiFi

Maximizing the impact of your message

- CMND: Take control of your displays

Care about you, your business and your audience

- Ensure your content is running with automatic screenshots
- Keep your content up and running with FailOver

Supreme audience interaction

- True multi touch with 6 simultaneous touch points
- Experience amazing interactivity with true Multi-Touch
- Anti-glare glass with low optical parallax

Features

Powered by Android

WIth Android OS integrated into the display, you can work with the most developed OS on the planet and save your own app directly into the display.

Or, choose from the large library of Android apps and play content from there. With the built-in scheduler, you can daypart your apps and content based on your customer and time of day and with the auto orientation

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feature, showing content in portrait or landscape is as simple as turning the display.

PCI Slot

With an integrated PCI slot, you can connect a WiFI/bluetooth or 4G LTE module, allowing for even greater communication with the display. Machine to machine communication is also enhanced, with numerous configurations available for customers to use, such as the ability to expand product features or signal-handling capability.

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.

Proof of Play

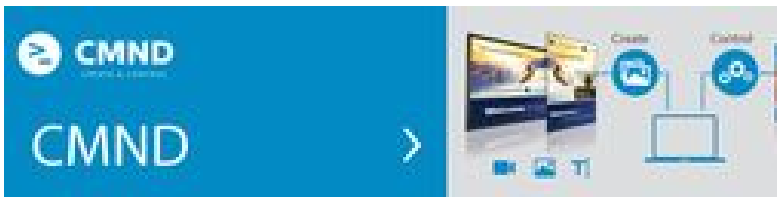
Content is king, and with the automatic screenshot feauture, you can make sure that your content is up and running at all times. Screenshots are taken throughout the day, which are then stored in the FTP server. From there, the screenshots can be viewed no matter when, or where you are.

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.

CMND



A robust display management platform, CMND puts the power back into your hands. Update and manage content with CMND & Create or control your settings with CMND & Control. It's all possible with CMND.

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 to interact with your application simultaneously, the 6 touch points offer an extremely cost-effective solution.

Plug & 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 to give you the ultimate in user interaction. The Multi-Touch displays are enabled with automatic touch recognition. The USB connector is HID compliant, providing true plug-and-play operation.

Anti-glare glass

With this integrated touch display, the anti-glare glass with low optical parallax allows for the most immersive touch experience. With little to no glare and low reflection on the display, images are crystal clear with pure color and great clarity.

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	450 cd/m²
Contrast ratio (typical)	1100:1
Dynamic contrast ratio	500,000:1
Aspect ratio	16:9
Response time (typical)	12 ms
Pixel pitch	0.55926 x 0.55926 mm
Display colors	16.7 million
Viewing angle (hori-zontal)	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 USB VGA (via DVI)
Video output	DisplayPort DVI-I VGA (via DVI-D)
Audio input	3.5 mm jack Audio Left/Right (RCA)
Audio output	Audio Left/Right (RCA) Ext. speaker cntrl (aud. out)
Other connections	mPCIe micro SD micro USB USB power outlet (5 V. 2 amp)
External control	RJ45 RS232C (in/out) 2.5 mm jack IR (in/out) 3.5 mm jack

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	1097.28 mm
Set Height	632.46 mm
Set Depth	45.72 mm
Set Width (inch)	43.2 inch
Set Height (inch)	24.9 inch
Set Depth (inch)	1.8 inch
Bezel width	9.5 mm (T/L/R), 15.6 mm (B)
Product weight (lb)	32.41 lb
Product weight	14.7 kg
VESA Mount	400 x 400 mm, M6

Convenience

Placement	Landscape (24/7) Portrait (24/7) [Portrait (24/7)]
Tiled Matrix	Up to 15 x 15
Keyboard control	Hidden Lockable
Signal Loop Through	DVI VGA RS232 IR Loopthrough DisplayPort
Network controllable	RJ45 RS232 One Wire (HDMI-CEC) HDMI (One Wire)
Energy saving functions	Smart Power
Screen saving functions	Pixel Shift, Low Bright

Power

Standby power consumption	<0.4 W
Mains power	100 ~ 240 VAC, 50 ~ 60 Hz
Consumption (EPA 6.0)	55 W
Consumption (Typical)	67 W

Operating conditions

Temperature range (operation)	0 ~ 40 °C
Temperature range (storage)	-20 ~ 60 °C
Relative humidity	20 ~ 80 %
Altitude	0 ~ 3000 m
MTBF	50,000 hour(s)

Sound

Built-in speakers	2 x 10W RMS

Accessories

Included accessories	Remote Control Batteries for remote control Quick start guide RS232 cable AC Power Cord
Stand	BM05922(Optional)
Optional accessories	ColourCalibrationKit (CCK4601)

Multimedia Applications

USB Playback Audio	AAC AIF AIFF M4A MP3 WAV WMA ASF LPCM M3U MP4
USB Playback Picture	BMP GIF JPEG JPG PDF
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 Danish Dutch Finnish Norwegian Portuguese Swedish
Regulatory approvals	EnergyStar 7.0 CE FCC, Class B UL/cUL CCC C-Tick RoHS GOST BSMI CB J-Moss PSE VCCI
Warranty	3 year warranty

Internal Player

CPU	Quad Core Cortex A9 1.8GHz
GPU	ARM Mali400 Quad Core 533MHz
Memory	2GB DDR3
Storage	16GB EMMC



data subject to change
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