

Philips Signage Solutions
Multi-Touch Display

49"

Powered by Android
450 cd/m²

49BDL4050TT



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.

Innovative solutions for any signage application

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

Maximising the impact of your message

- CMND: Take control of your displays

Care about you, your business and your audience

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

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

PHILIPS

Highlights

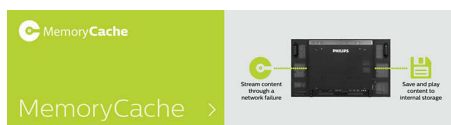
Powered by Android

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 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 Wi-Fi, 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.

Wi-Fi

Integrated WiFi

Proof of Play

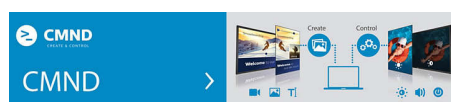
Content is king, and with the automatic screenshot feature, you can make sure that your content is up and running at all times. Screenshots are taken throughout the day, which are then stored in the FTP server. From there, the screenshots can be viewed no matter when, or where you are.

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 you're 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 interacting with your application simultaneously, the 6 touch points offer an extremely cost-effective solution.

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.

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 colour and great clarity.



Specifications

Connectivity

- Audio output: Audio Left/Right (RCA), Ext. speaker cntrl (aud. out)
- Video input: DisplayPort (1.2), HDMI (x 2), DVI-D, USB, VGA (via DVI)
- Audio input: 3.5 mm jack, Audio Left/Right (RCA)
- Other connections: mPCIe, micro SD, micro USB, USB power outlet (5 V, 2 amp)
- Video output: DisplayPort, DVI-I, VGA (via DVI-D)
- External control: RJ45, RS232C (in/out) 2.5 mm jack, IR (in/out) 3.5 mm jack

Picture/Display

- Diagonal screen size (metric): 123.2 cm
- Diagonal screen size (inch): 48.5 inch
- Aspect ratio: 16:9
- Panel resolution: 1920 x 1080p
- Pixel pitch: 0.55926 x 0.55926 mm
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 450 cd/m²
- Display colours: 16.7 million
- Contrast ratio (typical): 1100:1
- Dynamic contrast ratio: 500,000:1
- Response time (typical): 12 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 (24/7), Portrait (24/7)
- Tiled Matrix: Up to 15 x 15
- Screen-saving functions: Pixel Shift, Low Bright
- Keyboard control: Hidden, Lockable
- Signal loop through: DVI, VGA, RS232, IR Loop through, DisplayPort
- Energy-saving functions: Smart Power
- Network controllable: RJ45, RS232, One Wire (HDMI-CEC), HDMI (One Wire)

Sound

- Built-in speakers: 2 x 10 W RMS

Power

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

Supported Display Resolution

- Computer formats: 1920 x 1080, 60 Hz, 1440 x 900, 60 Hz, 1366 x 768, 60 Hz, 1360 x 768, 60 Hz, 1280 x 800, 60 Hz, 1280 x 768, 60 Hz, 1024 x 768, 60 Hz, 800 x 600, 56, 60, 72, 75 Hz, 640 x 480, 60,

67, 72, 75 Hz

- Video formats: 1080p, 50, 60 Hz, 1080i, 50, 60 Hz, 720p, 50, 60 Hz, 576i, 50 Hz, 576p, 50 Hz, 480p, 60 Hz, 480i, 60 Hz

Dimensions

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

Operating conditions

- Altitude: 0 ~ 3000 m
- Temperature range (operation): 0 ~ 40 °C
- MTBF: 50,000 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, PDF
- USB Playback Audio: AAC, AIF, AIFF, M4A, MP3, WAV, WMA, ASF, LPCM, M3U, MP4

Internal Player

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

Accessories

- Included accessories: Remote Control, Batteries for remote control, Quick start guide, RS232 cable, AC Power Cord
- Optional accessories: ColourCalibrationKit (CCK4602)
- Stand: BM05922(Optional)

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
- Warranty: 3-year warranty
- Regulatory approvals: EnergyStar 7.0, CE, FCC, Class B, UL/cUL, CCC, C-Tick, RoHS, GOST, BSMI, CB, J-Moss, PSE, VCCI



Issue date 2024-03-24

Version: 2.0.3

EAN: 87 12581 74922 4

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