

Philips Signage Solutions  
Multi-Touch Display

43"

Powered by Android  
Multi-touch

**SignageSolutions**

43BDL4051T



## 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.

### Supreme audience interaction

- Experience amazing interactivity with true Multi-Touch
- 10 points touch
- Anti-glare glass with low optical parallax

### Innovative solutions for any signage application

- Android: Run your own app or choose your favourite app to run
- Integrated WiFi
- Save and play content with internal memory
- 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

**PHILIPS**

# Highlights

## 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.

## 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

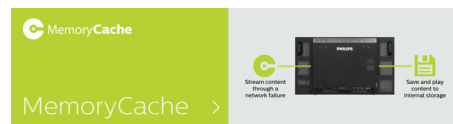
your apps and content based on your customer and time of day and with the auto-orientation feature, showing content in portrait or landscape is as simple as turning the display.

## 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.

## 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.

## PCI Slot

With an integrated PCI slot, you can connect an extra 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.

## 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.

# Specifications

## Picture/Display

- Diagonal screen size: 42.5 inch / 108.0 cm
- Panel resolution: 1920 x 1080p
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 450 cd/m<sup>2</sup>
- Contrast ratio (typical): 1100:1
- Dynamic contrast ratio: 500,000:1
- Surface treatment: Anti-Glare coating
- Aspect ratio: 16:9
- Response time (typical): 12 ms
- Pixel pitch: 0.49 x 0.49 mm
- Display colours: 16.7 million
- Viewing Angle (H / V): 178 / 178 degree
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Motion compens. deinterlacing, Progressive scan, 3D MA deinterlacing, Dynamic contrast enhancement

## Interactivity

- Multi-touch technology: Infrared touch
- Touch points: 10 simultaneous touch points
- Plug and play: HID compliant
- Protection glass: 5 mm tempered safety glass, Anti-Glare, Anti-Reflective

## Connectivity

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

## Supported Display Resolution

### Computer formats

Resolution	Refresh rate
640 x 480	60, 67, 72, 75 Hz
800 x 600	56, 60, 72, 75 Hz
1024 x 768	60 Hz
1280 x 768	60 Hz
1280 x 800	60 Hz
1280 x 1024	60 Hz
1360 x 768	60 Hz
1366 x 768	60 Hz
1440 x 900	60 Hz

1600 x 1200	60 Hz
1920 x 1080	60 Hz
1920 x 1200	60 Hz

### Video formats

Resolution	Refresh rate
480i	60 Hz
480p	60 Hz
576p	50 Hz
576i	50 Hz
720p	50, 60 Hz
1080i	50, 60 Hz
1080p	50, 60 Hz

## Convenience

- Placement: Landscape (24/7), Portrait (24/7)
- Signal Loop Through: RS232, VGA, IR Loop through, DisplayPort, DVI
- Network controllable: RS232, RJ45, One Wire (HDMI-CEC), HDMI (One Wire)
- Picture performance: Advanced colour control
- Picture in picture: PIP
- Screen-saving functions: Pixel Shift, Low Brightness
- Keyboard control: Hidden, Lockable
- Remote control signal: Lockable
- Energy-saving functions: Smart Power
- Other convenience: Carrying handles

## Dimensions

- Set dimensions (W x H x D): 1002.6 x 590.8 x 91.4 mm
- Set dimensions in inch (W x H x D): 39.47 x 23.26 x 3.60 inch
- Product weight: 19.4 kg
- Product weight (lb): 42.77 lb
- Bezel width: 29.2 mm
- VESA Mount: 400 x 400 mm, M6

## Sound

- Built-in speakers: 2 x 10 W

## Operating conditions

- Temperature range (operation): 5 ~ 40 °C
- Relative humidity: 20 ~ 80 %
- MTBF: 50,000 hour(s)
- Altitude: 0 ~ 3000 m
- Temperature range (storage): -20 ~ 60 °C

## Power

- Mains power: 100 ~ 240 VAC, 50/60 Hz

- Standby power consumption: <0.5 W
- Consumption (Typical): 59 W

## Accessories

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

## Miscellaneous

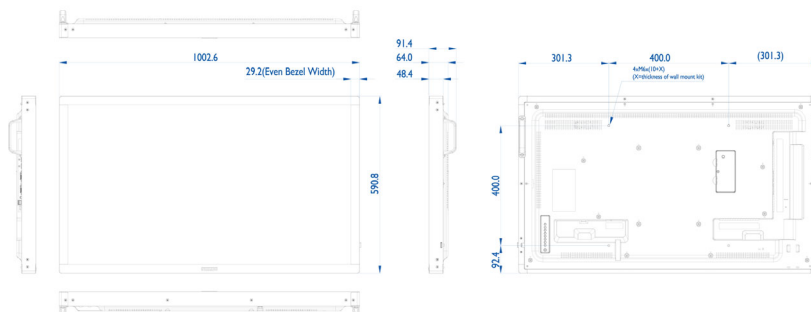
- On-Screen Display Languages: Arabic, English, French, German, Italian, Japanese, Polish, Spanish, Turkish, Russian, Simplified Chinese, Traditional Chinese, Danish, Dutch, Finnish, Norwegian, Portuguese, Swedish
- Regulatory approvals: CE, CCC, FCC, Class B, UL/cUL, RoHS, CB, C-Tick, BSMI, EnergyStar 7.0, GOST, PSE, VCCI
- Warranty: 3-year warranty

## Multimedia Applications

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

## 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



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