Philips Signage Solutions
Multi-Touch Display

43"
Powered by Android
Multi-touch

SignageSolutions

43BDL4051T

Engage them

10-point Multi-Touch display.

Inspire collaboration. Deliver information. This responsive Philips Multi-Touch Professional Full HD Display is ideal for multi-finger, multi-user applications, from wayfinding to presentations. Up to 10 touch points can be active at once.

Superb picture. Responsive touchscreen.
- Full HD. Clear images. Crisp contrast
- Plug-and-play 10-point Multi-Touch display
- Android SoC processor. Native and web apps

Effortless setup. Total control.
- CMND & Deploy. Install and launch apps remotely
- CMND and Control. Operate, monitor, maintain
- CMND and Create. Develop and launch your own content

Versatile system solution
- Energy-saving automatic backlight control
- FailOver. Ensure your display never goes blank
- Internal memory. Upload content for instant play

PHILIPS

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Highlights

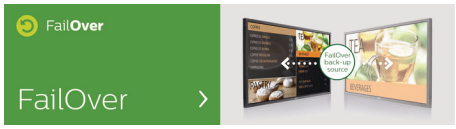
Powered by Android
Control your display via an Internet connection. Android-powered Philips Professional Displays are optimised for native Android apps and you can install web apps directly to the display too. A built-in scheduler makes it easy to launch apps and content based on time of day.

CMND & Deploy
Quickly install and launch any app - even when you're off site and working remotely. CMND & Deploy lets you add and update your own apps, as well as apps from the Philips Professional Display App Store. Simply scan the QR code, log in to the store and click on the app you want to install. The app will be automatically downloaded and launched.

CMND and Control

Run your display network over a local (LAN) connection. CMND and Control allows you to perform vital functions like controlling inputs and monitoring display status. Whether you're in charge of one screen or 100.

CMND and Create
Take control of your content with CMND and Create. A drag-and-drop interface makes it simple to publish your own content, whether it's a daily specials board or branded corporate information. Preloaded templates and integrated widgets ensure that your stills, text and video will be up and running in no time.

FailOver


From waiting room to meeting room, never show a blank screen. FailOver lets your Philips Professional Display switch automatically between primary and secondary inputs, ensuring that content keeps playing even if the primary source goes down. Simply set a list of alternative inputs to be sure your business is always on.

Internal memory
Save and play content without the need for a permanent external player. Your Philips professional display has an internal memory, which allows you to upload media into the display for instant playback. The internal memory also functions as a cache for online streaming.

LED FullHD Plug & Play Multi-Touch SmartPower

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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/m²
- 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
- Panel technology: IPS

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), USB

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
- Memory: 16GB eMMC

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

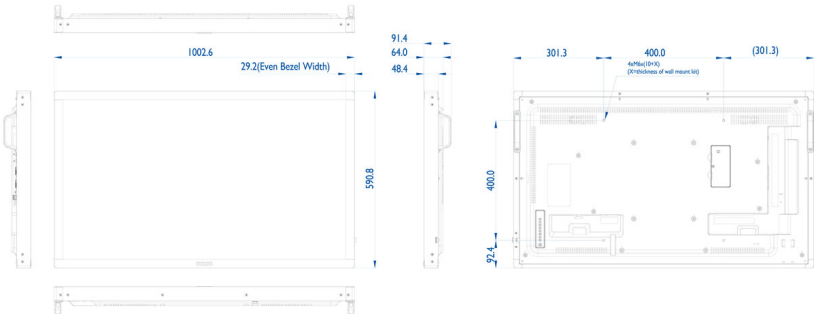
Power
- Mains power: 100 ~ 240 VAC, 50/60 Hz
- Standby power consumption: <0.5 W
- Consumption (Typical): 59 W

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