Philips Signage Solutions
Multi-Touch Display

43"
Powered by Android
Multi-touch

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.

Versatile system solution
- Energy-saving automatic backlight control
- FailOver ensures content is always playing
- Internal memory. Upload content for instant play

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

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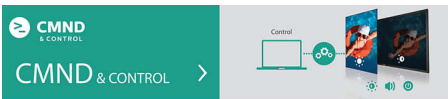- Full HD. Clear images. Crisp contrast

PHILIPS

Highlights

Powered by Android

Control your display via an Internet connection. Android-powered Philips Professional Displays are optimized for native Android apps, and you can install web apps directly to the display too. A new Android OS ensures the software is kept secure and remain to the latest specification for longer.

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 is automatically downloaded and launched.

CMND & Control

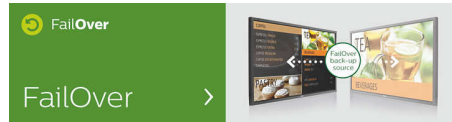Run your display network over a local (LAN) connection. CMND & Control allows you to perform vital functions like controlling inputs and monitoring display status. Whether you're in charge of one screen or 100.

CMND & Create

Take control of your content with CMND & 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 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 content keeps playing even if the primary source goes down. Simply set a list of alternate 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.

Energy-saving

Energy-saving automatic backlight control

Plug-and-play

Plug-and-play 10-point Multi-Touch display

Full HD. Clear images. Crisp

Full HD. Clear images. Crisp contrast

LED   Plug & Play Multi-**Touch**   1080p Full**HD**   Smart**Power**

Specifications

Connectivity
- Audio output: Audio Left/Right (RCA), External speaker connector
- Video input: DisplayPort (1.2), HDMI (x2), DVI-D, USB, VGA (via DVI)
- Audio input: Audio Left/Right (RCA), 3.5 mm jack
- Other connections: micro SD, micro USB, mPCIe, USB power outlet (5 V. 2 amp), USB
- Video output: DisplayPort, DVI-I, VGA (via DVI-D)
- External control: RJ45, IR (in/out) 3.5 mm jack, RS232C (in/out) 2.5 mm jack

Picture/Display
- Diagonal screen size (metric): 108.0 cm
- Diagonal screen size (inch): 42.5 inch
- Aspect ratio: 16:9
- Panel resolution: 1920x1080p
- Pixel pitch: 0.49 x 0.49 mm
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 450 cd/m²
- Display colors: 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, Progressive scan, 3D MA deinterlacing, Dynamic contrast enhancement
- Surface treatment: Anti-Glare coating
- Panel technology: IPS

Convenience
- Placement: Landscape (24/7), Portrait (24/7)
- Picture in picture: PIP
- Screen saving functions: Pixel Shift, Low Brightness
- Keyboard control: Hidden, Lockable
- Remote control signal: Lockable
- Signal loop through: RS232, VGA, IR Loopthrough, DisplayPort, DVI
- Energy saving functions: Smart Power
- Other convenience: Carrying handles
- Picture performance: Advanced color control
- Network controllable: RS232, RJ45, One Wire (HDMI-CEC), HDMI (One Wire)
- Memory: 16GB eMMC

Sound
- Built-in speakers: 2 x 10W

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

Supported Display Resolution
- Computer formats: 640 x 480, 60, 67, 72, 75Hz, 800 x 600, 56, 60, 72, 75Hz, 1024 x 768, 60Hz, 1280 x 768, 60Hz, 1280 x 800, 60Hz, 1280 x 1024, 60Hz, 1360 x 768, 60Hz, 1366 x 768, 60Hz, 1440 x 900, 60Hz, 1600 x 1200, 60Hz, 1920 x 1080, 60Hz, 1920 x 1200, 60Hz
- Video formats: 480i, 60Hz, 480p, 60Hz, 576p, 50Hz, 576i, 50Hz, 720p, 50, 60Hz, 1080i, 50, 60Hz, 1080p, 50, 60Hz

Dimensions
- Set Width: 1002.6 mm
- Product weight: 19.4 kg
- Set Height: 590.8 mm
- Set Depth: 91.4 mm
- Set Width (inch): 39.47 inch
- Set Height (inch): 23.26 inch
- Wall Mount: 400 x 400 mm, M6
- Set Depth (inch): 3.60 inch
- Bezel width: 29.2 mm
- Product weight (lb): 42.77 lb

Operating conditions
- Altitude: 0 ~ 3000 m
- Temperature range (operation): 5 ~ 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, ASF, LPCM, M3U, M4A, MP3, MP4, WAV, WMA

Internal Player
- CPU: Quad Core Cortex A9 1.8GHz
- GPU: ARM Mali400 Quad Core 533MHz

- Memory: 2GB DDR3
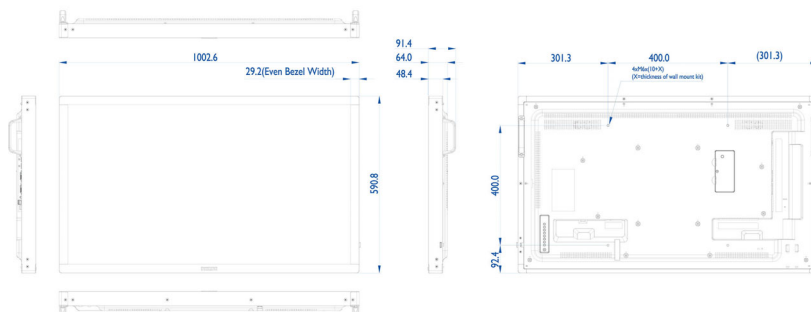- Storage: 16GB EMMC
- Wifi: 2.4 G

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

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

www.philips.com