Multi-Touch Display

• 43"
• Powered by Android
• Multi-touch

43BDL4051T/00

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.

Benefits

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

Effortless setup. Total control.
• CMND & Deploy. Install and launch apps remotely
• Operate, monitor and maintain with CMND & Control

• CMND & Create. Develop and launch your own content

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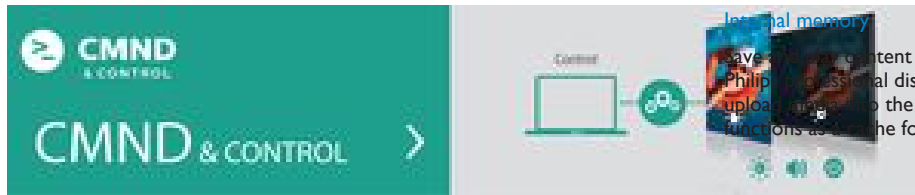• Energy-saving automatic backlight control

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Features

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.
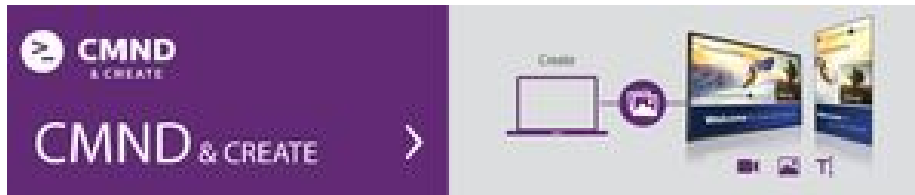
CMND & Deploy

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 your content without the need for a permanent external player. Your Philips Professional display has an internal memory, which allows you to upload content to the display for instant playback. The internal memory also functions as a cache for online streaming.

Specifications

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Picture/Display

Diagonal screen size (metric)	108.0 cm
Diagonal screen size (inch)	42.5 inch
Panel resolution	1920x1080p
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 colors	16.7 million
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
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 (x2) DVI-D USB VGA (via DVI)
Video output	DisplayPort DVI-I VGA (via DVI-D)
Audio input	Audio Left/Right (RCA)

data subject to change
2021, March 5

Audio output	3.5 mm jack 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	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

Convenience

Placement	Landscape (24/7) Portrait (24/7)
Signal loop through	RS232 VGA IR Loopthrough DisplayPort DVI
Network controllable	RS232 RJ45 One Wire (HDMI-CEC) HDMI (One Wire)
Picture performance	Advanced color 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 Width	1002.6 mm
Set Height	590.8 mm
Set Depth	91.4 mm
Set Width (inch)	39.47 inch
Set Height (inch)	23.26 inch
Set Depth (inch)	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 10W

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, 50/60Hz
Standby power consumption	<0.5W
Consumption (Typical)	59 W
Energy Label Class	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
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 1.8GHz
GPU	ARM Mali400 Quad Core 533MHz
Memory	2GB DDR3
Storage	16GB EMMC
Wifi	2.4 G

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