

PHILIPS



Multi-Touch Display

Signage Solutions

55"

Powered by Android

Multi-touch



55BDL3452T

Engage them

20-point Multi-Touch display.

Inspire collaboration. Deliver information. This responsive Philips Multi-Touch Professional UHD Display is ideal for multi-finger, multi-user applications—from wayfinding to presentations. Up to 20 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
- Simplified user interaction with kiosk mode

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 20-point Multi-Touch display
- Android SoC processor. Native and web apps
- UHD Clear images. Crisp contrast

Highlights

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



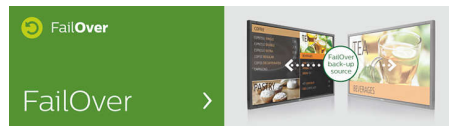
Run your display network over a local (LAN) connection. CMND & Control allows you to perform vital functions like controlling inputs and monitoring display status. Whether you're in charge of one screen or 100.

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.

Powered by Android 8

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 8 ensures the software is kept secure and remain to the latest specification for longer.

Specifications

Picture/Display

Diagonal screen size (metric): 138.8 cm
Diagonal screen size (inch): 55 inch
Aspect ratio: 16:9
Panel resolution: 3840 x 2160
Pixel pitch: 0.315(H)x0.315(V)mm
Optimum resolution: 3840 x 2160 @ 60 Hz
Brightness: 400 cd/m²
Display colors: 1.07 B
Contrast ratio (typical): 1300:1
Response time (typical): 8 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
Operating system: Android 8.0

Connectivity

Audio output: 3.5mm jack
Video input: DVI-D (x1), HDMI 2.0 (x2), USB 2.0 Type A (x2), USB 2.0 Type B (x1), VGA (Analog D-Sub) (x1)
Audio input: 3.5 mm jack
Other connections: micro SD, OPS
External control: RJ45, IR (in/out) 3.5 mm jack, RS232C (in/out) 2.5 mm jack

Convenience

Placement: Landscape (18/7), Portrait (18/7)
Screen saving functions: Pixel Shift, Low Brightness
Keyboard control: Hidden, Lockable
Remote control signal: Lockable
Signal loop through: IR Loophrough, RS232
Energy saving functions: Smart Power
Network controllable: RS232, RJ45

Sound

Built-in speakers: 2 x 10W

Power

Mains power: 100 ~ 240 VAC, 50/60Hz
Consumption (Typical): 140 W
Consumption (Max): 270 W
Standby power consumption: <0.5W
Power Saving Features: Smart Power
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, 720 x 400, 70Hz, 800 x 600, 60, 72, 75Hz, 3840 x 2160, 60 Hz, 50 Hz
Video formats: 480i, 60Hz, 480p, 60Hz, 576p, 50Hz, 576i, 50Hz, 720p, 50, 60Hz, 1080i, 50, 60Hz, 1080p, 50, 60Hz, 1080i, 25, 30Hz, 480i, 30, 60Hz, 576i, 25, 50Hz, 3840 x 2160, 24, 25Hz, 3840 x 2160, 30Hz

Dimensions

Set Width: 1272.6 mm
Product weight: 27.0 kg
Set Height: 743.4 mm
Set Depth: 75.5(D@Wall mount)/81.7(D@OPS Cover) mm
Set Width (inch): 50.10 inch
Set Height (inch): 29.27 inch
Wall Mount: 400 x 400 mm, M6
Set Depth (inch): 2.97(D@Wall mount)/3.22(D@OPS Cover) inch
Bezel width: 16.3 mm(T/R/L/B)
Product weight (lb): 59.52 lb

Operating conditions

Altitude: 0 ~ 3000 m
Temperature range (operation): 0 ~ 40 °C
MTBF: 50,000 hour(s)
Temperature range (storage): -20~60 °C
Humidity range (operation)[RH]: 20 ~ 80% (without condensation)
Humidity range (storage) [RH]: 5 ~ 95% (without condensation)

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: 2 x A53 + 2 x A73
GPU: ARM Mali G51
Memory: 2GB DDR3, 8GB
Wifi: 2.4 G, 5 G

Accessories

Included Accessories: Cleaning cloth (x1), IR sensor cable (1.8 m) (x1), Philips logo (x1), Power supply cable (3 m), Quick start guide (x1), Remote control & AAA batteries, RS232 cable (3 m) (x1), RS232 daisy chain cable (x1), USB Cover and screw x1
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: BSMI, CB, CE, FCC, Class A, RoHS, CU, ETL, IMDA, PSB

Interactivity

Multi-touch technology: IRHE
Touch points: 20 simultaneous touch points
Plug and play: HID compliant
Protection glass: 3 mm tempered safety glass

