PHILIPS



Signage 4050 Series

50"

24/7 operation 24/7 operation

Wave ready



50BDL4050Q

Philips Signage 4050 Series

Efficiency made easy – your versatile 24/7 display

Inform and enthral with Philips Signage 4050. UHD resolution is matched with enhanced brightness and high haze, and the efficiency of the tried and tested Android 10 SoC. Wave-ready for remote management, putting you in full control.

Easy operation

- Remote management with Philips Wave
- Add optional Philips ScreenShare

Energy Star compliant. EPEAT Silver rating

- Supporting business sustainability and energy savings.

Advanced connectivity options and UHD resolution

- Add optional CRD22 module for easy Wifi

24/7 operation

- 500 cd/m2 brightness
- Higher haze rate for better visibility
- Easily mounted in landscape or portrait.

Plug and play with Android 10

- Proven reliability. No need for external media player.

Highlights

24/7 operation
With 500 cd/m2 brightness for better visibility, the Philips Signage 4050 display is designed to be used 24/7, making it a great selection for travel and transportation hubs, retail centres, food and beverage locations, and more. FailOver is also included enabling your display to switch automatically between primary and secondary inputs should an outage occur.

Versatile orientation
Install in portrait or landscape orientations, with size variants to suit a range of installation purposes across the range of settings and industries.

Plug and play with Android 10
Tried, tested, and proven intuitive user experience, with a professional Android 10 SoC built in for easy apps and solutions integrations and no need for an external media player.

Wave ready
Manage your display and control content remotely with Philips Wave Controller – your evolutionary ecosystem designed to support time, energy and cost efficiencies. Discover software applications to support your interactive vision from our network of proven partners on the PPDS ProStore.

Wireless screen sharing
Add in the fully secure and GDPR-compliant optional Philips ScreenShare presentation software for instant and effortless content sharing, using any device, on any network, and without additional hardware.

Energy Star compliant. EPEAT Silver rating
Supporting business sustainability and energy savings, with power saving features and using more environmentally friendly materials on the product and in the packaging.

Advanced connectivity options
With a range of input options for easy content control, simply add in a CRD22 module to bring the power of Wifi into the mix.

Specifications

Picture/Display
Diagonal screen size (metric): 125.7 cm
Diagonal screen size (inch): 49.5 inch
Aspect ratio: 16:9
Panel resolution: 3840 x 2160
Pixel pitch: 0.2854 x 0.2854 mm
Optimum resolution: 3840 x 2160 @ 60 Hz
Brightness: 500 cd/m²
Display colors: 1.07 Billion
Contrast ratio (typical): 4000:1
Dynamic contrast ratio: 500,000:1
Response time (typical): 8 ms
Viewing angle (horizontal): 178 degree
Viewing angle (vertical): 178 degree
Picture enhancement: 3/2 - 2/2 motion pull down, Dynamic contrast enhancement, Progressive scan
Panel technology: VA
Operating system: Android 10
Haze: 25%

Connectivity
Audio output: 3.5mm jack
Video input: HDMI 2.0 (x2), USB 2.0 (x2), DVI-I (x 1), USB 3.0 (x1)
Audio input: 3.5 mm jack
Other connections: micro SD
External control: RJ45, RS232C (in/out) 2.5 mm jack, IR (in/out) 3.5 mm jack

Convenience
Placement: Landscape (24/7), Portrait (24/7)
Tiled Matrix: Up to 3 x 3
Keyboard control: Lockable, Hidden
Remote control signal: Lockable
Signal loop through: RS232, IR Loopthrough
Energy saving functions: Smart Power
Network controllable: RS232, RJ45

Sound
Built-in speakers: 2 x 10W RMS

Power
Mains power: 100 - 240V~, 50/60Hz
Standby power consumption: <0.5W
Power Saving Features: Smart Power
Energy Label Class: E
EEI Lot5 power consumption (W): 45
EPEAT certification: EPEAT Silver

Supported Display Resolution
Computer formats: 720 x 400, 70Hz, 640 x 480, 60,67,75Hz, 800 x 600, 60Hz, 832 x 624, 75Hz, 1024 x 768, 60Hz, 1152 x 870, 75Hz, 1280 x 720, 60Hz, 1920 x 1080, 60Hz, 1680 x 1050, 60Hz, 3840 x 2160, 30, 60Hz
Video formats: 480i, 60Hz, 480p, 60Hz, 576p, 50Hz, 576i, 50Hz, 720p, 50, 60Hz, 1080i, 50, 60Hz, 1080p, 50, 60Hz, 3840 x 2160, 30, 60Hz

Dimensions
Set Width: 1128.4 mm
Product weight: 14.3 kg
Set Height: 649.0 mm
Set Depth: 63.5 mm
Set Width (inch): 44.43 inch
Set Height (inch): 25.55 inch
Wall Mount: 400 mm x 400 mm, M6
Set Depth (inch): 2.50 inch
Bezel width: 14.9 mm (Even bezel)
Product weight (lb): 31.53 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% RH (No condensation)
Humidity range (storage) [RH]: 5 ~ 95% RH (No condensation)

Multimedia Applications
USB Playback Video: MPEG 1/2 (1080p 60Hz), MPEG 4 (1080p 60Hz), H.263 (1080p 60Hz), H.264 (4K2K 60Hz), H.265 (4K2K 60Hz), VP8 (1080p 60Hz), VP9 (4K2K 60Hz)
USB Playback Picture: JPEG, PNG, BMP, WEBP
USB Playback Audio: AAC, HEAAC, MPEG 1/2/2.5 Layer 3, MPEG 1/2 Layer 1, MPEG 1/2 Layer 2

Internal Player
CPU: Quad Core Cortex A55
GPU: G52 MC1
Memory: 16GB, 3GB DDR

Accessories
Included Accessories: RS232 daisy-chain cable, Philips logo (x1), AC Power Cord, AC Switch Cover, Quick start guide, Remote control & AAA batteries, RS232 cable, USB cover and screws

Miscellaneous
On-Screen Display Languages: English, French, German, Italian, Polish, Russian, Spanish, Turkish, Simplified Chinese, Traditional Chinese, Arabic, Japanese
Warranty: 3 year warranty
Regulatory approvals: CE, FCC, Class A, VCCI, CB, RoHS, UL

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