



Multi-Touch Display

- 55"
- Powered by Android
- Multi-touch

55BDL4051T/00

Discover a new level of interaction

using the power of Android

Get even closer to your audience than ever before. Fast, precise and extremely durable, its high performance is matched by excellent reliability and functionality.

Benefits

Supreme audience interaction

- Experience amazing interactivity with true Multi-Touch
- 10 points touch
- Anti-glare glass with low optical parallax

Innovative solutions for any signage application

- Android: Run your own app or choose your favorite app to run
- Integrated WiFi
- Save and play content with internal memory

- Enhance your connectivity with an integrated mPCIe slot.

Maximizing the impact of your message

- CMND: Take control of your displays

Care about you, your business and your audience

- Keep your content up and running with FailOver
- Ensure your content is running with automatic screenshots

PHILIPS

Features

Plug & Play Multi-Touch



A brand new level of interactivity is now available thanks to integrated touch technology. More flexibility and optimum simultaneous touch performance coupled with excellent operability opportunities to give you the ultimate in user interaction. The Multi-Touch displays are enabled with automatic touch recognition. The USB connector is HID compliant, providing true plug-and-play operation.

Anti-glare glass

With this integrated touch display, the anti-glare glass with low optical parallax allows for the most immersive touch experience. With little to no glare and low reflection on the display, images are crystal clear with pure color and great clarity.

Powered by Android

With Android OS integrated into the display, you can work with the most developed OS on the planet and save your own app directly into the display. Or, choose from the large library of Android apps and play content from there. With the built-in scheduler, you can daypart your apps and content based on your customer and time of day and with the auto orientation feature, showing content in portrait or landscape is as simple as turning the display.

FailOver



Keeping your content up and running is critical for demanding commercial applications. While it is unlikely you will face a content disaster, FailOver provides content protection with a revolutionary technology that plays back-up content on screen in the event of a media player failure. FailOver automatically kicks in when the primary input fails. Simply select a primary input connection and a FailOver connection and your ready for instant protection.

Specifications

[field not found 'disclaimer_text']

Picture/Display

Diagonal screen size (metric)	138.8 cm
Diagonal screen size (inch)	54.64 inch
Panel resolution	1920x1080p
Optimum resolution	1920 x 1080 @ 60 Hz
Brightness	450 cd/m ²
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	0.63 x 0.63 mm

Internal Memory

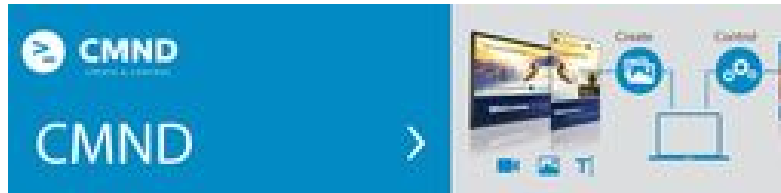


Save and play content with internal memory. Upload your media into the display and playback content immediately. Working in conjunction with the internal browser, it also serves as a memory cache when streaming online content. If the network ever fails, the internal memory keeps content running by playing a cached version of the content, ensuring that your media stays up even if the network goes down.

PCI Slot

With an integrated PCI slot, you can connect a WiFi/bluetooth or 4G LTE module, allowing for even greater communication with the display. Machine to machine communication is also enhanced, with numerous configurations available for customers to use, such as the ability to expand product features or signal-handling capability.

CMND



A robust display management platform, CMND puts the power back into your hands. Update and manage content with CMND & Create or control your settings with CMND & Control. It's all possible with CMND.

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

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

Product weight (lb) 68.34 lb
VESA Mount 400 x 400 mm, M6
Bezel width 29.2 mm

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)
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)

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) 76 W

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

Accessories

Included accessories AC Power Cord
RS232 cable
USB cable
Remote Control
Batteries for remote control
Quick start guide

Optional accessories ColourCalibrationKit (CCK4601)
Stand BMO5922 (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

Convenience

Placement Landscape (24/7) [Landscape (24/7)]
Portrait (24/7) [Portrait (24/7)]

Signal Loop Through RS232
VGA
IR Loophthrough
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

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 Picture BMP
GIF
JPEG
JPG
PDF

USB Playback Audio AAC
AIF
AIFF
ASF
LPCM

Dimensions

Set Width 1271.0 mm
Set Height 741.8 mm
Set Depth 91.4 mm
Set Width (inch) 50.04 inch
Set Height (inch) 29.20 inch
Set Depth (inch) 3.60 inch
Product weight 31 kg

USB Playback Video

M3U
M4A
MP3
MP4
WAV
WMA
M2TS
M4V
MK3D
MKV
MP4
MPEG
MPG

Internal Player

CPU
GPU
Memory
Storage

MTS
TS
TTS
VOB
WMV

Quad Core Cortex A9 1.8GHz
ARM Mali400 Quad Core 533MHz
2GB DDR3
16GB EMMC



data subject to change
2017, January 1

Version: 1.0.1
EAN: 8712581739669

© 2017 Koninklijke Philips N.V.
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips N.V. or their respective owners.

www.philips.com