



Philips Signage Solutions  
Multi-Touch Display

65"

Powered by Android  
Multi-touch

**Signage**Solutions

65BDL3052T

## Deliver a higher level of interaction

with true multi-touch in 4K UHD

Get even closer to your audience than ever before. Fast, precise and extremely durable, the high performance of our multi-touch screens is matched by their excellent reliability and functionality.

### **Supreme audience interaction**

- Experience amazing interactivity with true Multi-Touch
- 20-point multi-touch
- Anti-glare glass with low optical parallax

### **Optimised for public viewing**

- 4K Ultra HD: resolution like you've never seen before

### **Innovative solutions for any signage application**

- Android: Run your own app or choose your favourite app to run
- Save and play content with internal memory
- CMND: Take control of your displays

### **Care about you, your business and your audience**

- SmartPower for energy saving

**PHILIPS**

# Highlights

## Plug-and-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 give you the ultimate in user interaction. Multi-Touch displays are equipped with automatic touch recognition. The USB connector is HID-compliant, providing true plug-and-play operation.

## Powered by Android

With Android integrated into the touch display, you can work with the most developed OS on the planet, and save your own app directly into the display. This also means, for built-in apps like the browser, it's touch-capable straight out of the box. Just connect the power and you've got immediate interactivity. You can also use the built-in scheduler to display your apps and content based on the time of day. And, using the auto orientation feature, switching from portrait to

landscape content is as simple as turning the display.

## 4K Ultra-HD Resolution

See your Signage Solutions like never before thanks to four times the resolution of a conventional Full HD display. 3840 x 2160 pixels provide an image so refined, so lifelike, it's a window to a new world.

## Anti-glare glass

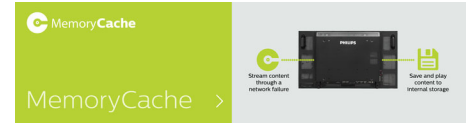
With this integrated touch display, the anti-glare glass with low optical parallax allows for the most immersive touch experience. With little to no glare and low reflection on the display, images are crystal clear with pure colour and great clarity.

## SmartPower



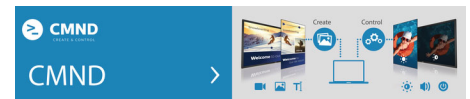
The backlight intensity can be controlled and pre-set by the system to reduce the power consumption by up to 50%, which saves substantially on energy costs.

## 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.

## 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.

# Specifications

## Picture/Display

- Diagonal screen size: 64.5 inch / 163.9 cm
- Panel resolution: 3840 x 2160
- Optimum resolution: 3840 x 2160 @ 60 Hz
- Brightness: 350 cd/m<sup>2</sup>
- Contrast ratio (typical): 4000:1
- Surface treatment: Anti-Glare coating
- Aspect ratio: 16:9
- Response time (typical): 8 ms
- Pixel pitch: 0.372 x 0.372 mm
- Display colours: 1.07 Billion
- Viewing angle (H / V): 178 / 178 degree
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Motion compens. deinterlacing, Progressive scan, 3D MA deinterlacing, Dynamic contrast enhancement
- Dynamic contrast ratio: 500,000:1
- Panel technology: VA
- Operating system: Android 5.0.1

## Interactivity

- Multi-touch technology: Infrared touch
- Touch points: 20 simultaneous touch points
- Plug and play: HID compliant
- Protection glass: 5 mm tempered safety glass, Anti-Glare, Anti-Reflective

## Connectivity

- Video input: HDMI (x4), VGA (Analogue D-Sub), DisplayPort
- Audio input: 3.5-mm jack
- Audio output: Audio Left/Right (RCA)
- External control: RJ45, IR (in/out) 3.5 mm jack, RS232C (in/out) 2.5 mm jack
- Other connections: USB, micro SD, micro USB, OPS, USB power outlet (5 V. 2 amp), mPCIe

## Supported Display Resolution

### Computer formats

Resolution	Refresh rate
1920 x 1080	60 Hz
1360 x 768	60 Hz
1280 x 768	60 Hz
1280 x 800	60 Hz
1280 x 1024	60 Hz
720 x 400	70 Hz
1024 x 768	60, 75 Hz
3840 x 2160	60 Hz
640 x 480	60, 72, 75 Hz
800 x 600	60, 75 Hz

### Video formats

Resolution	Refresh rate
1080p	50, 60 Hz
1080i	25, 30 Hz
720p	50, 60 Hz
576i	25, 50 Hz
480i	30, 60 Hz
2160p	30, 50, 60 Hz
480p	30, 60 Hz
576p	25, 50 Hz

## Convenience

- Placement: Landscape (18/7)
- Signal Loop Through: IR Loop through

- Network controllable: RS232, RJ45, One Wire (HDMI-CEC), HDMI (One Wire)
- Picture performance: Advanced colour control
- Screen-saving functions: Pixel Shift, Low Brightness
- Keyboard control: Hidden, Lockable
- Remote control signal: Lockable
- Energy-saving functions: Smart Power
- Other convenience: Carrying handles
- Ease of installation: Smart Insert
- Memory: 2 GB DDR3/ 8 GB eMMC
- Picture in picture: PIP

## Dimensions

- Set dimensions (W x H x D): 1475.4 x 850.4 x 101.0 mm
- Product weight: 40.58 kg
- VESA Mount: 400(H)x400(V), M6
- Bezel width: 21.0 mm
- Product weight (lb): 89.46 lb
- Set dimensions in inch (W x H x D): 58.09 x 33.48 x 3.98 inch
- Smart Insert mount: 100 x 200 mm

## Sound

- Built-in speakers: 2 x 10 W RMS

## Operating conditions

- Temperature range (operation): 0 ~ 40 °C
- Relative humidity: 20–80% (Operational), 10–90% (Storage) %
- MTBF: 50,000 hour(s)
- Altitude: 0 ~ 3000 m
- Temperature range (storage): -20 ~ 60 °C

## Power

- Mains power: 100 ~ 240 VAC, 50 ~ 60 Hz
- Standby power consumption: <0.5 W
- Consumption (On mode): 186 W
- Power Saving Features: Smart Power
- Consumption (Typical): 165 W

## Accessories

- Included accessories: AC Power Cord, RS232 cable, Remote Control, Batteries for remote control, Quick start guide, HDMI cable, IR sensor cable (1.8 M)
- Stand: BM05922 (Optional)
- Included Accessories: RS232 daisy-chain cable, USB Cover and screw x 1

## 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, FCC, Class B, UL/cUL, RoHS, CB, C-Tick, EnergyStar 7.0, GOST, BSMI, CCC, CECP, EPEAT, EUP
- Warranty: 3-year warranty

## Multimedia Applications

- USB Playback Picture: BMP, JPEG, JPG, PNG



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