DISPLAYLITE

Thank you for purchasing this P1 touch2box with Android™. It is intended for users looking for a low-cost, plug and play system with native touch compatibility.

Additional product information can be found at www.displaylite.co.uk.

1. What's in the box

Please ensure that all of the items below are included:

- P1 touch2box with Android™
- Quick start guide
- HDMI cable
- 5V AC power adapter

2. Input/output

1. USB1
2. USB2
3. MicroSD slot
4. AV output
5. HDMI2.0
6. Optical output
7. Ethernet (RJ45) port
8. DC in
9. USB3&4 (not shown)
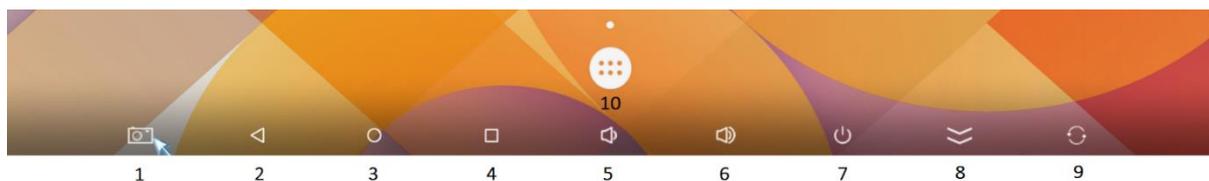
3. Connecting your device

Please follow the steps below to correctly connect your device to a (touchscreen) display.

1. Connect one end of the supplied HDMI cable to the HDMI port on the device. Connect the other end to the HDMI port found on your display.
2. Plug the power adapter DC jack into the 'DC in' port on the device. Insert the power plug into a mains (AC) power socket.
3. Switch the mains power on. The device will power on automatically once power is supplied. A blue LED located on the side of the device will light up to confirm that the device is on.
4. On the display, select the correct HDMI channel that the device is connected to, e.g. HDMI 1 or 2.
5. If you intend to connect the device to a touchscreen display, connect the USB touch cable provided with your touchscreen to any of the three USB ports on the device, and connect the other end to the USB touch port on your touchscreen.
6. If you intend to connect to the internet via Ethernet, connect an Ethernet cable (Cat5e or higher recommended for optimal data transfer speed) to the device and connect the other end to a network port.

4. Initial setup

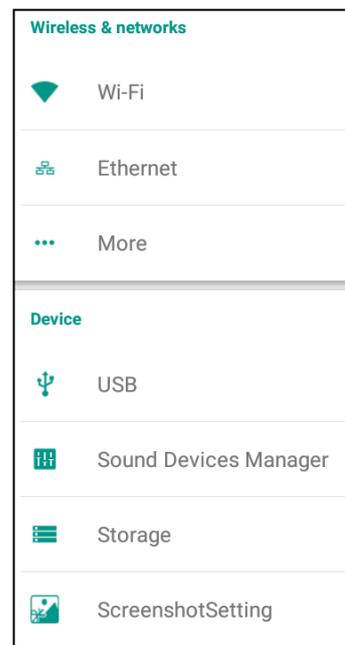Please follow the steps below to configure the device for your setup.

1. The device will turn on automatically when power is supplied to the device. Please note that the device may take longer to boot on the first instance.
2. Once the device has finished booting up, you will be greeted with the Android home screen as shown below.

1	Screenshot	6	Volume up
2	Back	7	Power off
3	Home	8	Hide navigation bar
4	Recent tasks	9	Screen rotation
5	Volume down	10	App drawer

Initial setup (cont.)

3. If you connected an Ethernet cable to the device, you will automatically have access to your network.
4. To connect to your network via Wi-Fi, navigate to the Settings app found within the app drawer and select Wi-Fi. Select your networks' SSID and enter the security key. If the key is accepted, the Wi-Fi network will be displayed as Connected.
5. To install an app via the Google Play Store, simply run the Play Store app from the app drawer, enter your Google account details (or create a new account), search for the app you wish to install and select download. Once the download is complete, the app will be installed automatically and will appear in the app drawer.
6. Alternatively, if you have the .apk (android application package file) for an app you wish to install, simply copy this file to a USB drive and insert the USB drive into the device. Next, select the FileExplorer app from the app drawer, select USB and then select the .apk file on the device to begin the install. Once installed, the app will appear in the app drawer.

Wireless & networks

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Device

Ψ USB

▥ Sound Devices Manager

☰ Storage

🖼 ScreenshotSetting

5. FAQ's

In system settings, why is only 12GB of the 16GB storage space available?
This is due to android system files and space allocated for system recovery and cache.

Why is the date and time incorrect?
The player must either be connected to a network at least once to obtain date and time information, or manually set by the user in date and time settings. This will then be retained by the RTC (real-time clock).

Can the P1 player playback video at 1080p/4K display resolution?
The P1 player is capable of 1080p (1920 x 1080) video playback @ 30 frames per second (based on a video encoded at 12Mbps bit rate using H.264 encoding). However 4K video playback is not possible.

How can the display orientation be changed?
The screen rotation button can be found within the Android navigation bar. If this is not visible, navigate to the Settings app > Display > View the screen rotation button in the navigation bar.

After using the shutdown button on the player, why can't I reboot the player without physically reconnecting the power adapter?
The power adapter connector essentially becomes a power on button when in this state. For this reason, it is suggested the user powers the player down by powering off at the mains (AC) side.

6. Specifications

Model:	P1 [Order Code: P1-M90211]
OS	Android™ 5.1 "Lollipop"
Chipset	Rockchip RK3288
CPU	Quad-core ARM Cortex-A17 @ 1.8GHz
GPU	Quad-core ARM Mali-T764 MP4 @ 600MHz
Video Encoding	1080p video encoding for H.264 and VP8, MVC
Video Decoding	4K H.264 and 10-bit H.265, 1080p multi-video decode
Display Output	Up to 3840 x 2160 (4K) via HDMI 2.0, 1920 x 1080 (1080p) recommended for optimal video playback performance
RAM	2GB
Storage Memory	16GB
Expandable Storage	MicroSD, up to 32GB
USB	4 x USB 2.0
Ethernet	1 Gigabit RJ45 (Ethernet) port
Graphics Output	HDMI 2.0
Wi-Fi	Dual-band (2.4/5GHz) Wi-Fi 802.11b/g/n (Fixed Wi-Fi Antenna)
Bluetooth	4.0
Audio Output	3.5mm jack
Touch Compatibility	Yes, via USB HID
Power Requirements [DC]	5V, 2.5A
Power Supply	Supplied with an external AC input (100 - 240V) to DC output (5VDC, 2.5A) adapter
Real-time clock	Yes
Temperature (Operating) [°C]	0 to 40
Weight [Kg]	0.132
Dimensions [mm]	97 x 97 x 28
Warranty [years]	1
Approvals	CE
Accessories Included	1 x AC to DC Adapter, 1 x HDMI cable & 1 x USB cable
Optional	Custom firmware (on request) & mounting bracket for securing to the rear of touchscreen

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DISPLAYLITE

www.displaylite.co.uk
Tel: +44 (0)1480 455114
Email: info@displaylite.co.uk