

duinotech

Raspberry Pi 3.5in Touchscreen with Stylus & Enclosure XC4631 User Manual

Perfect for prototyping or a setting up a portable machine, the 3.5in touchscreen LCD display requires minimal setup. Includes a handy stylus and protective case.

Specifications

LCD Type	TFT
LCD Interface	SPI
Touch Screen Type	Resistive
Touch Screen Controller	XPT2046
Colours	65536
Backlight	LED
Resolution	480 x 320 Pixel

What's Included

- 1 x LCD Touchscreen
- 1x Stylus
- 1x Enclosure

Essential Accessories

XC9001 – Raspberry Pi 3B+

Installation

To setup the screen, the drivers will need to be downloaded & installed using the following commands in their respective order. You can either use the HDMI out on the Raspberry Pi or SSH for the setup process.

```
git clone https://github.com/jaycar-electronics/XC4631
```

```
cd XC4631/XC4631
```

```
sudo chmod +x LCD35-show
```

```
sudo ./LCD35-show
```

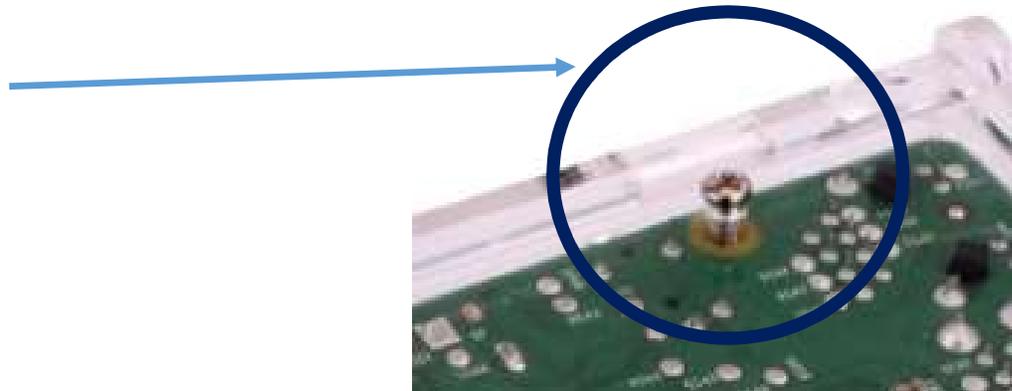
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Step 1

Use the screws provided to attach the base plate firstly, to the Raspberry Pi.

There are 4 such points.



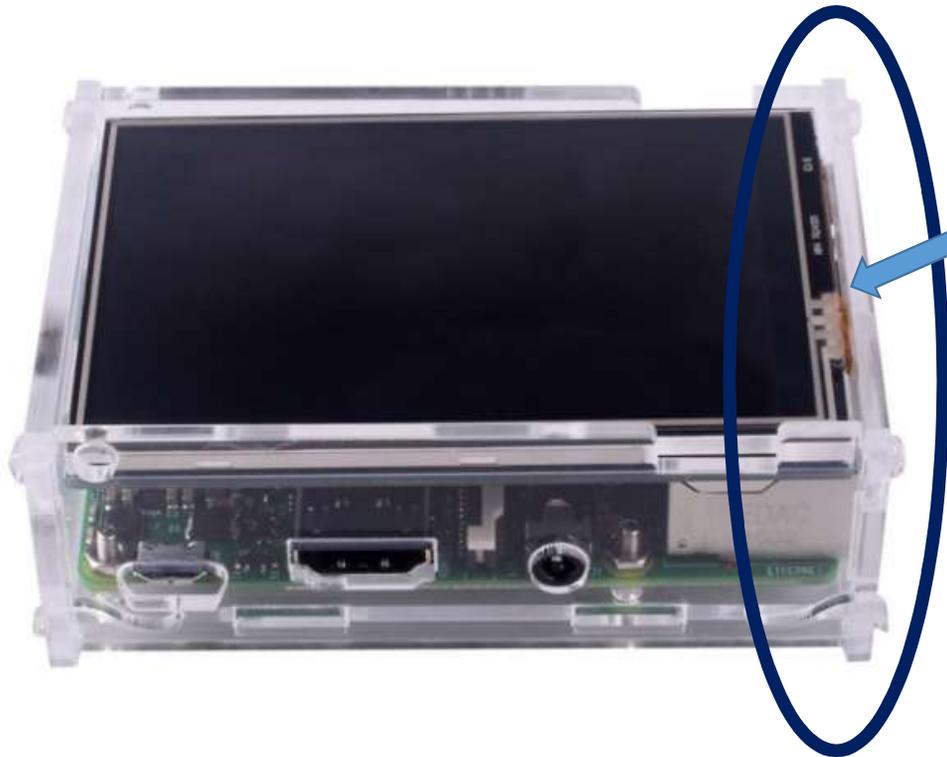
Step 2

The sides lock into each other, and start first with the any side except side with cut-out for connectors. We will add this in the next step.

And then build the other sides.



Step 3



Now add the side with cut-out for Pi connectors, and be careful to watch the display cable if you have already installed the display.

Suggested approach is to install the screen as last step.

Step 4

As a last step, install the screen on the Pi board, and aligning with the GPIO connector



Final Build :

