RASPBERRY PI
Prototyping Plate

1. Check you have all the parts

- Laser cut prototyping plate (proto plate)
- 4 No. standoffs
- 4 No. M2.5 screws
- 4 No. self adhesive rubber feet
- 10 No. male – female jumper wires
- Bread board

2. Lets assemble it all

- Attached the four standoffs to the proto plate, these will be used to attach your Raspberry Pi (not provided).
- Take your breadboard and remove the backing to the self adhesive pad and stick it to the right hand side of the proto plate.
- Turn the proto board over and apply the self adhesive rubber feet to the four corners
- Turn the proto plate back over and finally attach your Raspberry Pi to the four standoffs using the M2.5mm screws provided.

3. How to use your proto plate

- You have ten male – female jumper wires, you can use these to connect the Raspberry Pi GPIO pins to your bread board.
- From here you can build your circuits on the bread board, creating a nice compact development board which is easy to move and transport about.

4. Taking things further

- To create your circuits you are going to need some components. Consider the following add-on kits for your proto board
- **Traffic Lights** – three LED's, tactile button, three resistors and male – male jumper leads
- **Lots of LED's** – ten LED's, ten resistors and male – male jumpers