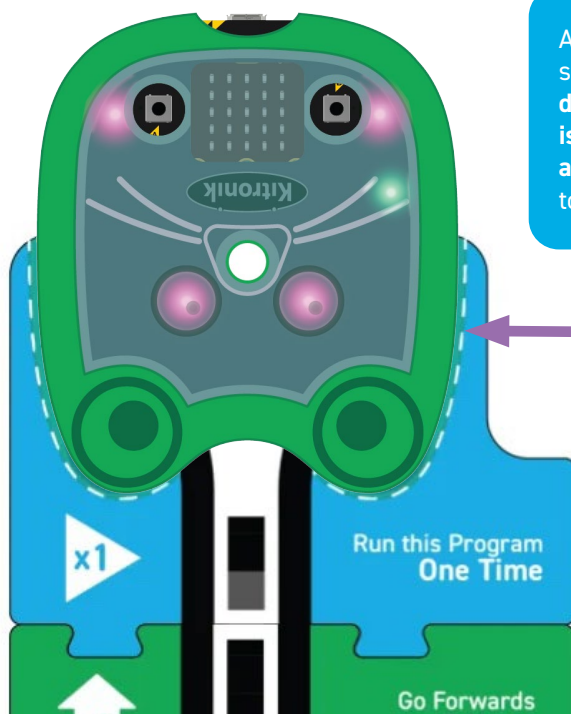


TROUBLESHOOTING

Whilst we hope your experience with our Mai-Z the MouseBot for Screen Free Programming is seamless, we know that sometimes problems occur. This document contains some *troubleshooting* that should help you and Mai-Z get up and running again.

For the optimum experience, ensure that the programming tiles are as **flat** as possible, connected **flush** to one another and on a completely **flat surface**. It is important to ensure that Mai-Z is situated away from a window to **avoid external light** interfering with the sensors.



Align Mai-Z on the start tile so that the **dashed white line** is still visible from above. Press 'Record' to scan the program.

4 x ZIP LED Colour Indications

Pink

Idle, no program stored. This should show when the cheeseboard is inserted.

Blue (Flashing)

Program stored. This will show when Mai-Z has finished reading the tiles.

Blue (Solid/Static)

Recording program. This will show when Mai-Z is driving over tiles.

Green

Program currently playing. This will show when Mai-Z is performing a stored program.

White (Flashing)

Cliff detection, flashes for 2.5 seconds before going back to solid blue. This will happen when Mai-Z detects a 'cliff' which could be a gap between tables or the edge of a surface, for example. Status LED will also turn white.

Red (Flashing)

Error, this will occur when Mai-Z reads a barcode incorrectly whilst recording a program. This could be due to external lighting making grey parts look white and vice versa. Move Mai-Z to a different area, perform a restart and try again.

Status LED

Status Key:

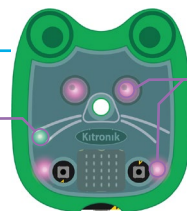
 Good Battery

 Okay Battery

 Low Battery

 Charging*

Status LED



4x Colour
ZIP LEDs

 Comms Error

 micro:bit removed

 Cliff Detected

*Mai-Z will charge when switched on and switched off. While on, the LED will show. While off, a separate LED will indicate red while charging, and green when charged.