Kitronik Pen Lifter for :MOVE Motor for BBC micro:bit

Once fitted, this add-on allows you to control when the pen is in use with code.

The assembly holds the pen firmly in place and the supplied servo can be used to raise and lower the pen. This will allow the user to create complex patterns without any unsightly travel marks.

The kit comprises a set of 3 laser-cut parts, a single 180-degree servo, a rubber band, and the fixings required to put it together.

The kit requires no soldering but there is some simple mechanical assembly.

There are also step-by-step tutorials available online via the MakeCode website.

Features

- Add a pen to the Autonomous Robotics Platform (Buggy) for Pico that can be raised or lowered with code.
- Draw complex shapes without unsightly 'travel' lines.
- This add-on is supplied with full assembly instructions.

Contents

- 1 x 180-degree servo.
- 1 x M4 x 12mm Pan Head screw.
- 1 x M3 x 12mm Countersunk screw.
- 1 x M3 x Hex Steel Nut.
- 2 x M3 x 10mm Pan Head screw.
- 1 x Set of laser-cut parts (3 pieces).
- 1 x Rubber band.

Notes

- This kit is NOT supplied with a pen.
- No soldering is required but there is some simple mechanical assembly.
- This kit is intended for use with the :MOVE Motor for BBC micro:bit.

Requires

- 1 x :MOVE Motor for BBC micro:bit.
- 1 x BBC micro:bit.
- 1 x Small cross-head screwdriver.
- A Pen.