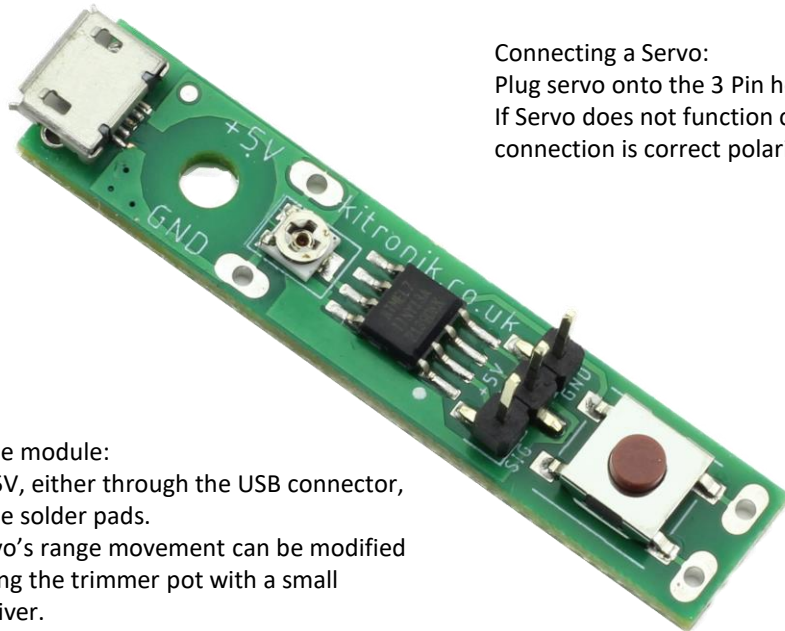


Movement Module

The Kitronik Movement module provides a simple way to add hobby servo movement to your project.

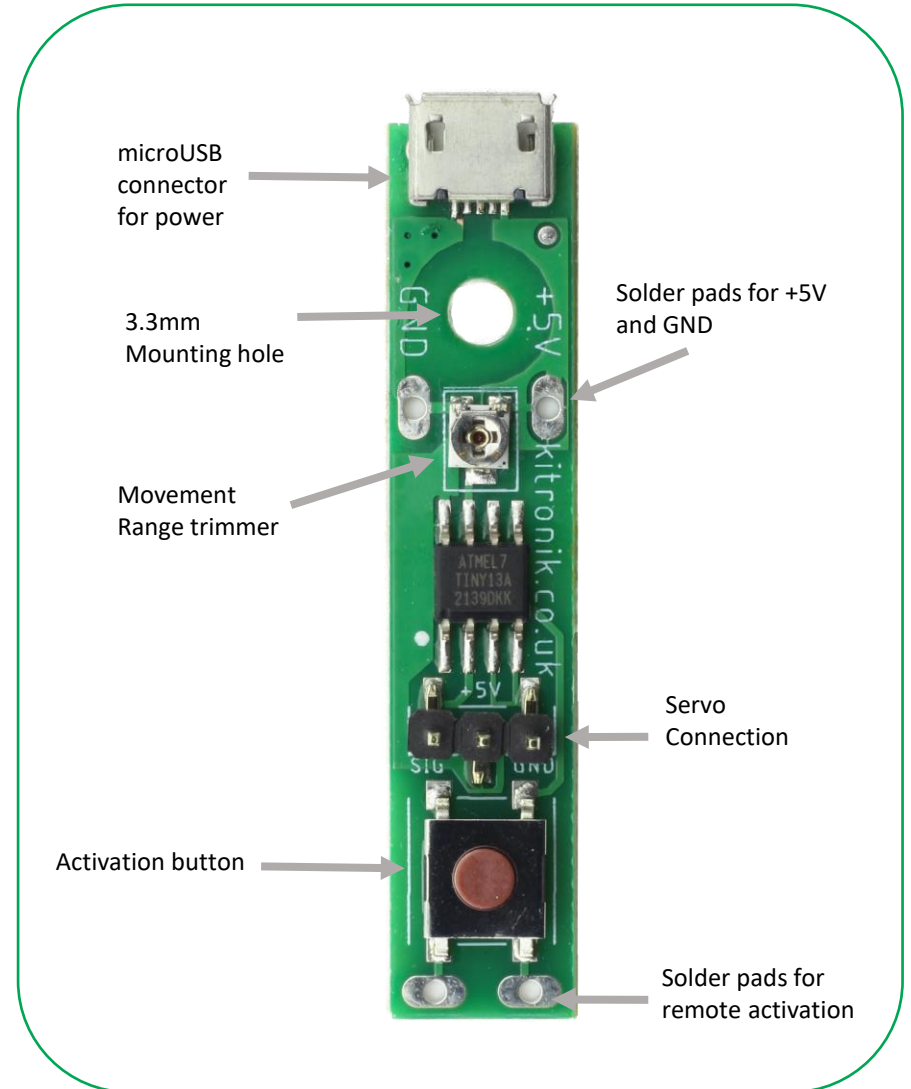
The module is controlled by a momentary push button. At each press the servo moves to the other end of its travel. Travel length is controlled by the trimmer potentiometer.

A remote switch can be connected in parallel with the PCB switch to allow remote mounting within an enclosure. The remote switch should be momentary, normally open. Use of a non-momentary switch may result in unpredictable operation.



Connecting a Servo:
Plug servo onto the 3 Pin header.
If Servo does not function check connection is correct polarity.

Using the module:
Supply 5V, either through the USB connector, or via the solder pads.
The servo's range movement can be modified by turning the trimmer pot with a small screwdriver.
Push the button to activate the servo.

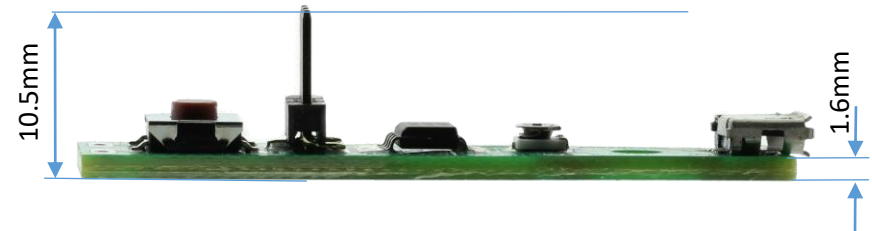
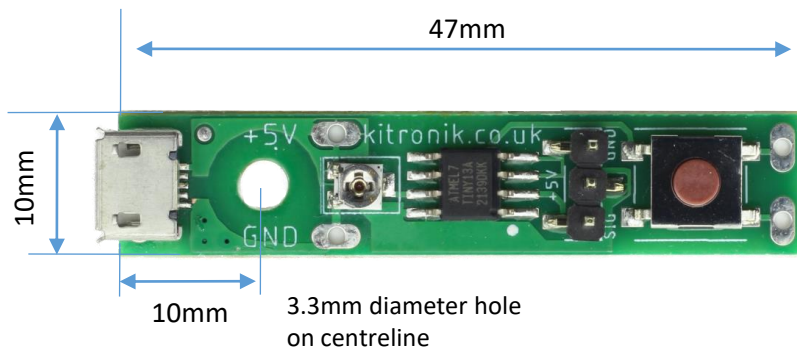


Electrical Information

Power	5V via micro USB connector or solder pads. Max 5.5V
Output	1x 3 pin servo 0.5-2.5mS pulse (0-180 degrees)
Control	Single potentiometer for end position, Button for activation
Quiescent Current	approx. 10mA (Current when driving is dependent on servo)

Caution: A servo can pull a large amount of current – more than 500mA. This product should only be powered via a suitably rated power supply.

Dimensions



(Dimensions +/- 0.8mm)