

### Pocket Money Kit of the Month – May 2019

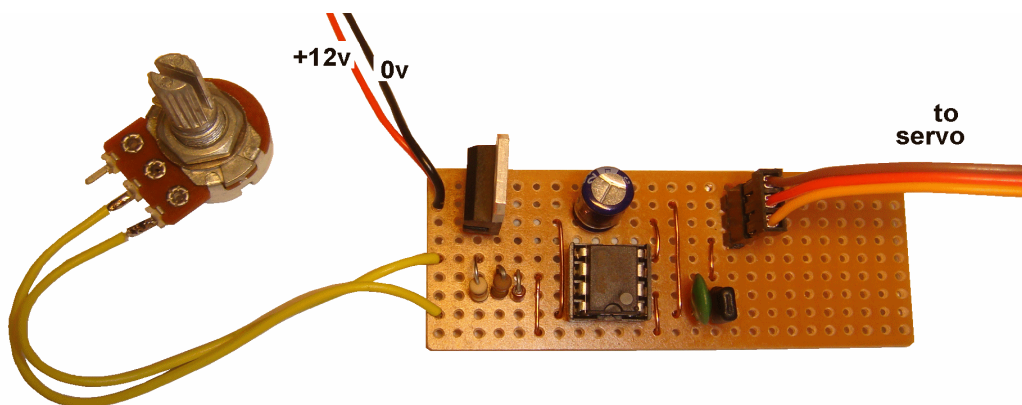
#### No 3 – Servo tester / controller

Servos are used for operating points, signals, crossing gates and barriers, cranes, and animations.

The MERG Servo4 kit and the PMP18 EzyPoints kit are commonly used to control servos, They move a servo's arm between two fixed points and at fixed speeds set by the user.

Of course, a servo arm can be rotated to many different positions, and at different speeds each time - if a manual control is used.

That is what this kit does.



Turning the spindle of the variable resistor (called a '*potentiometer*' or '*pot*') rotates the servo arm. You can turn the pot really slowly, or as fast as you want; the servo will respond accordingly.

Its uses include:

- A cheap introduction to playing with servos.
- A module to test servos before fitting them on a layout. That lets you see if there are any glitches or stutters in the servo gearbox.
- Manual control of aerials, radar heads, guns (great for kids).
- An asymmetric turntable for smaller gauges (the pivot point is near one end rather than the centre).
- Any manual control for occasional use.

The kit is available at all West of Scotland activities (for £1.55) or can be purchased from the national MERG website as PMP 3.