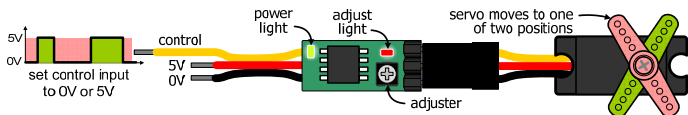


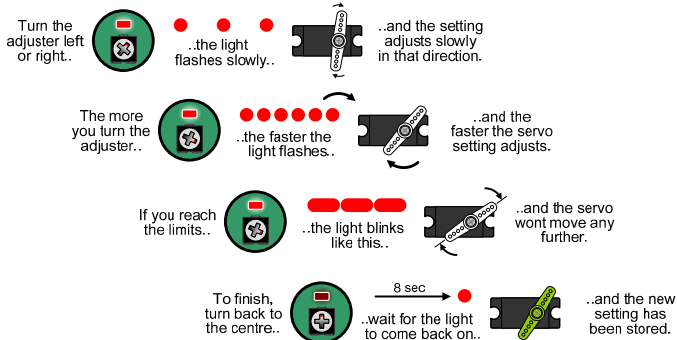
Overview: The ServoSet is an easy to use device that moves a servo to one of two positions, depending on a logic level control input. This makes it possible to control a servo from a simple switch. The position settings can be easily and accurately changed using a miniature adjuster. It forms part of an extensive range of servo signal products offered by Active Robots.



Normal operation: Connect the input end of the ServoSet to 0V, 5V and your control signal, which might be from a simple switch or another circuit. Although a servo type connector is supplied on the input lead, this may be cut off and the wires soldered directly to your application. The output end should be connected to the servo you want to control. In normal operation, the adjust light will always be lit and the servo will move to position setting 1 if the input is low (i.e. 0V) or position setting 2 if the input is high (i.e. 5V).



Changing settings: The adjuster on the device lets you change the two servo position settings very easily and accurately. Select the position you want to change using the control input, then use the adjuster as shown below to set the new setting. Be careful not to exceed your servo's range of movement.



Technical: Input voltage range: 3.5V – 6V; Servo signal range: 400us to 2600us; Servo signal frame period: 20ms; Adjustment resolution: 1us; Input control signal: 0V -> Vdd; Supply current 6mA.

Contact: If you have any problems, questions or suggestions about this product then please don't hesitate to contact us on our website at <http://www.active-robots.com>.