

# P43

## SINGLE RELAY SWITCH (version 2)



This miniature single switcher will allow a single proportional stick movement to switch items on and off on radio controlled models. It has a non-latching relay output which enables a wide range of voltage operation. The relay output will handle up to 3 amps. It requires a 1 to 2 millisecond positive input. As this is standard on most radio control, it will work well with most.

Number of switch functions	1
Radio control channels required	1
Switching points	Moveable links
Receiver voltage range	3.7 volts to 12 volts
Maximum load current	3 Amp
Output connections	Screw connectors
Case size (external)	50.5mm* x 27.5mm x 18.5mm

\*The base of the case features a mounting flange which, if required, can be carefully cut away reducing this dimension from 50.5mm to 40mm.

### INSTALLATION

There is the facility to change over the switching point from one side of the transmitter stick, or 2-way channel switch to the other. This is done with the miniature slide switch located next to the servo lead entry point.

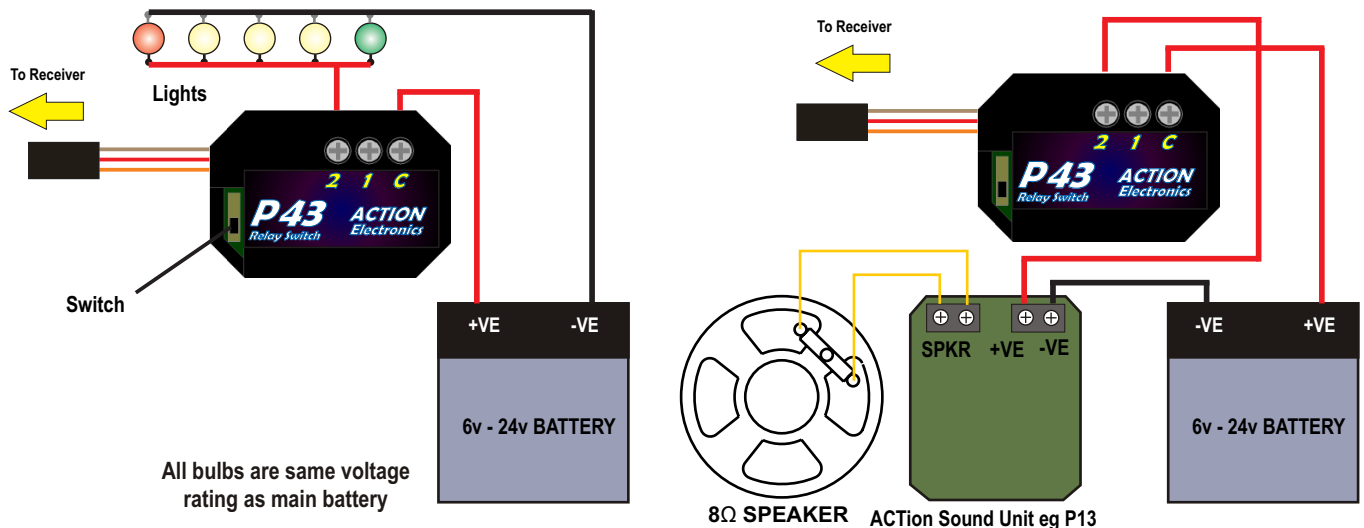
The P43 has screw terminals to facilitate easy wiring. The positions are marked as C = common, 1 = normally open, 2 = normally closed. So depending on the stick or switch position, there will be a contact between either C & 1 or C & 2.

1. Plug lead into a spare R/C channel (i.e. Not steering or speed)
2. Switch on transmitter then receiver, in that order.
3. Moving the stick up and down (or left and right); you will hear the relay clicking.
4. Switch off receiver and transmitter
5. Connect to whatever load you wish to drive.

### RECOVERY SERVICE

Due to the surface mount technology used in this switcher repair is generally not possible, however this new version of the P43 switcher is somewhat more durable than its predecessor, however, if it should become damaged, return it to us for a 1/3 discount off the price of a replacement unit of the same type

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**Sound units can be polarity-critical! Take care to connect the battery correctly!**

The small print.....

ACTION R/C Electronics guarantee all products to be free from manufacturing defects for 12 months from date of purchase. This does not cover suitability for specific applications; components worn or damaged by use, tampering or incorrect connection; alteration to original components; damage to batteries or other equipment through use; misuse, or shipping damage. Where goods are found to be faulty, the customer shall return them to ACTION R/C Electronics in their original condition and with their original instructions, packaging etc. Our liability is limited to repairing or replacing goods to their original specification and will not exceed the cost of the goods. By using the product the user accepts all liability. Where a fixed repair charge is applicable, ACTION R/C Electronics shall undertake repairs to the extent that they are judged economically viable. Where such is not the case then the customer will be offered the option of crediting the repair charge towards the cost of a new unit or having the faulty unit returned and the charge refunded (less the cost of return carriage). We reserve the right to modify this guarantee without notice.