P108

High-Power 20A+ Autoset Speed Controller

ACTION R/C ELECTRONICS

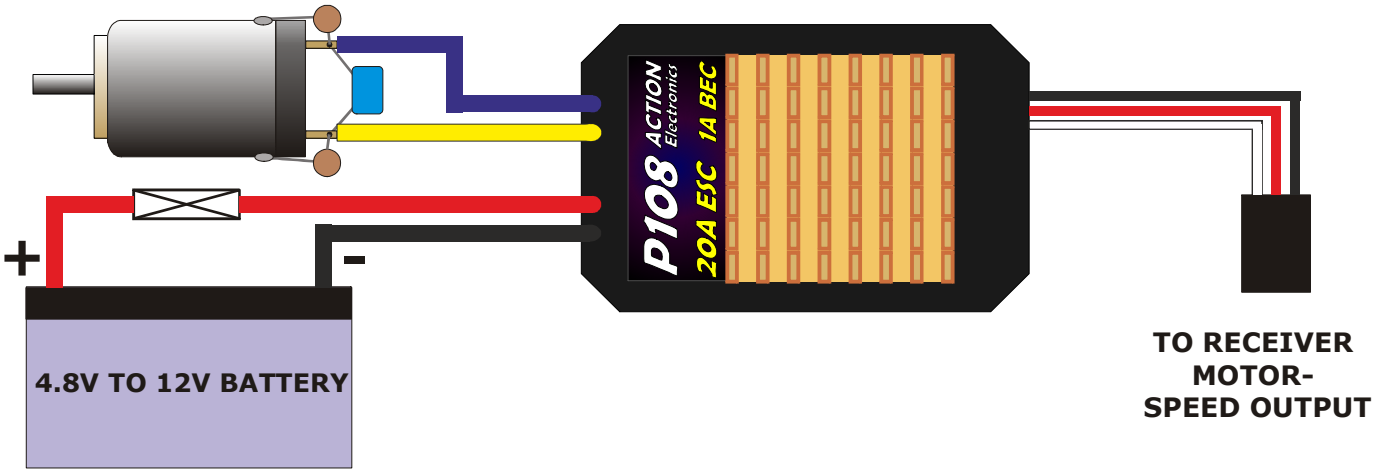
The P108 Autoset computer speed controller is a low-frequency, soft-start unit. A high quality, high performance electronic speed controller for use at 4.8 to 12 volts drive voltage and capable of handling a maximum current in excess of 20 amps. There is no delay when moving from forward into reverse and the ESC runs the motor up to full speed in either direction.
Its very compact size and ease of use, together with state of the art performance will give you a controller that scale modellers have always wanted.
It is suitable for 360/380/385/400/540/545/550/555/600/700/775/800/850 & more.
Built in 1A (1.2A peak) battery eliminator (BEC) so no need for a separate receiver battery.

MICROCOMPUTER & MOSFET DESIGN

Functions	**Forward & Reverse/speed**
Radio control channels required	**1**
Neutral setup	**Autoset (allow 4 seconds)**
BEC output	**5.0 volts at 1.0A (1.2A peak)**
Maximum continuous motor current	**20 amps**
Maximum peak motor current	**40 amps**
Minimum motor voltage	**4.8 volts**
Maximum motor voltage	**12 volts**

CHECK THE WIRING CAREFULLY BEFORE APPLYING POWER

MOTOR (20A CURRENT MAX)



RECOVERY SERVICE

A recovery or repairs service ensures that you will not be left with a dead unit for any reason. The Service Charge for this unit is £15.00 including parts (including return shipping cost IN UK).
For return details please contact us

ACTION R/C ELECTRONICS, 1 Llwyn Bleddyn, Llanllechid, Bangor LL57 3EF, United Kingdom
Tel: 01248 719353 Mon - Fri 10:00am - 4:30pm
e-mail: info@component-shop.co.uk

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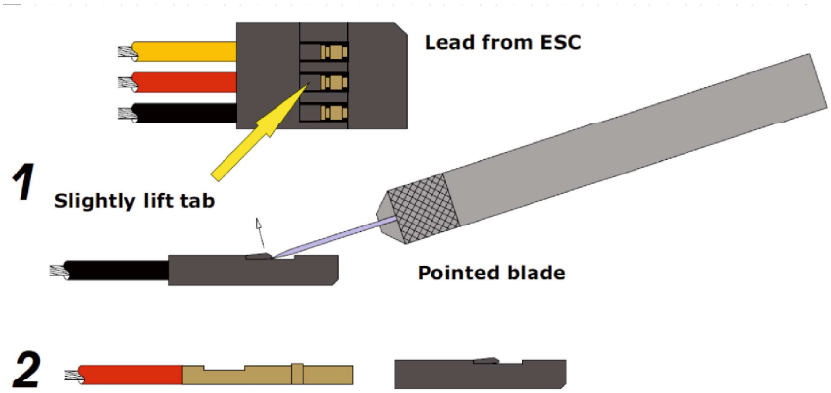
Connecting Multiple Speed Controllers

If multiple speed controllers are to be used in the same model, it is essential that only one of them is powering the receiver. This means that the red wire must be disconnected from all but one of the speed controllers. If different speed controllers are being used, it would usually be the speed controller with the highest rated BEC that would be left connected, all others would have the red wire disconnected.
There are various ways to achieve this. At its simplest, just snip a small section of the red wire from next to the plug:

If you wish to keep the wiring intact, so that the speed controller can be re-used elsewhere at some later time, then the pin can be carefully withdrawn from the plug as follows:



If you choose to do this, it is essential that the removed pin is properly insulated so that it cannot come into contact with any other electrical conductor, or basically any metal part within the model. For this we recommend a piece of heatshrink tube, extending 5mm past each end of the contact then shrunk onto the contact so that it cannot slide off.

CHECK THE WIRING CAREFULLY BEFORE APPLYING POWER