



## RC MOSFET Solid State 4 Port Switch Module

Thank you for purchasing one of our RC Modules. We hope it will give you many years of trouble free service. If you have any problems with your module, please either email or contact our technical support helpline first on the number provided on the last page. We are sorry that it is a mobile number, but we work between three sites and find that our mobiles are far more versatile for our voice communication needs.

Before pressing your switching module into service, please carefully read through the installation drawings, notes and information below.

It may well be we are 'trying to tell Grandma How To Chew Gum' but just sometimes as we find, information is priceless knowledge, and in our case, knowledge which we have gained over 40 years of Avionic Electronics Engineering, Design and Construction experience.

Please follow the wiring protocol as in the drawing. The Conductors/Ports are clearly marked 'Load' and 'Batts' Do not connect them to anything other than what is described . 'Load' is your Lights/Pumps/Motor. 'Batts' is your Battery pack or Power Source.

Irreparable damage will occur to the internal components of the module if you:

Short Circuit The 'Load' Connections.

Cross Polarise The Supply (Batts) Connections(Positive on Negative, etc.)

Exceed the Maximum 1.2 A (1200mA) Load per Port

Allow water or fluid to enter the module.

Always use a Fuse in the 'Batt' (Supply) Line. This will help protect your module from a possible Short Circuit or overload. It will also prevent your precious model from going up in smoke if there is such an event. 🙄

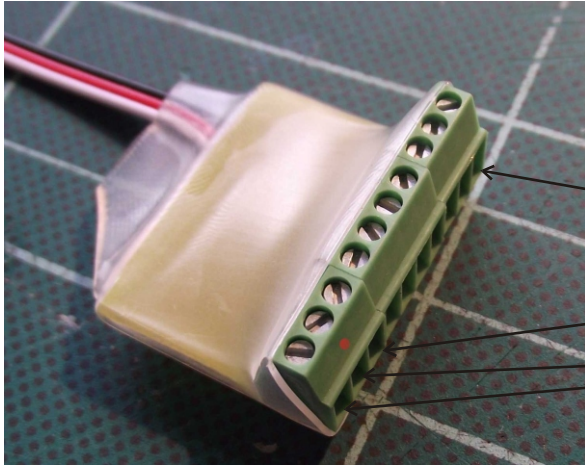
A major factor in the design and application was to simplify the connectivity between receiver and output connections. In doing so has meant that the module will not lend itself to be driven from anything other than a standard three wire PWM servo protocol connection arrangement. Simplified, irreparable damage will occur to the module if you attempt to drive it from anything than your receiver. Please Note.. This Module will NOT Function with Pulse Code Modulated (PCM) equipment.

Should you need technical support for your purchase, please call between 9am and 5pm Monday to Friday.

Email: [support@mr-rcworld.co.uk](mailto:support@mr-rcworld.co.uk)

Please Note...

To maintain our multiple order carriage discounts to you, if your order was for more than one module of the same kind, we will only have sent you one set of documentation. If you need more copies, please contact us to where we will send you printable .pdf's or you can download a copy from our website, [www.mr-rcworld.co.uk](http://www.mr-rcworld.co.uk).



Notes and Precautions

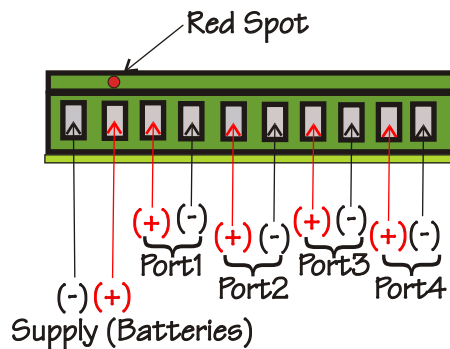
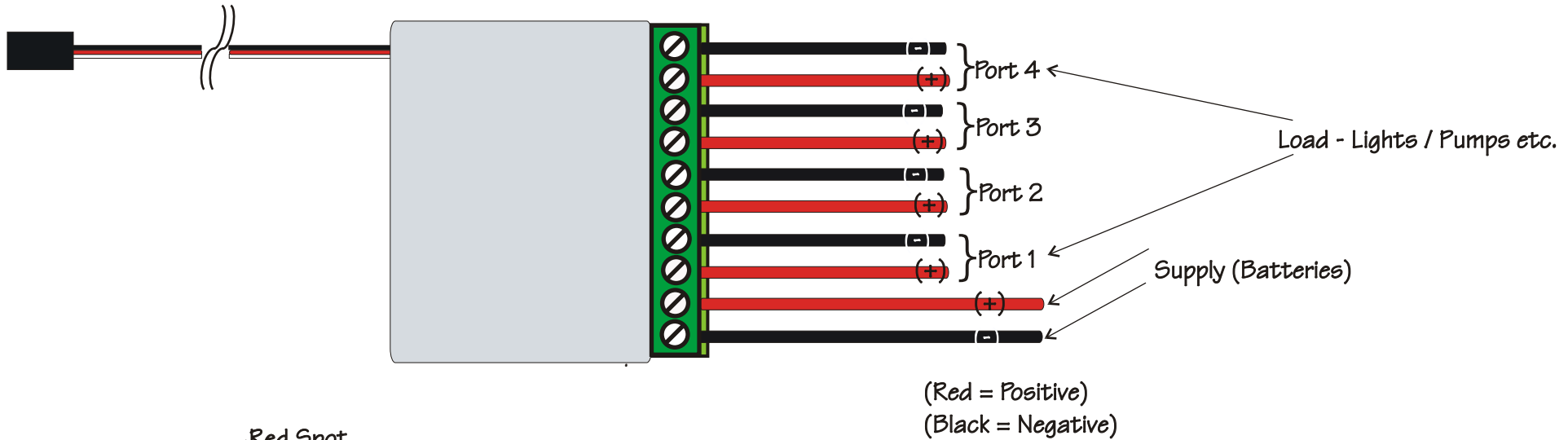
1. 1.2A (1,200mA) Maximum Load per channel
2. Nominal Channel working Voltage 12v
3. Absolute Maximum Channel Working Voltage 60v

\*\*\* Internal Damage will occur if you:

- Exceed the maximum channel loading of 1.2A
- Short Circuit any of the Output Ports
- Cross Polarise the Supply Port

Load - Lights / Pumps etc.

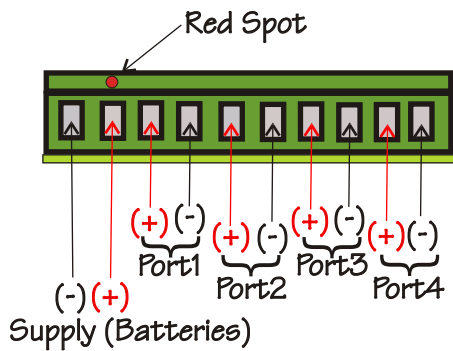
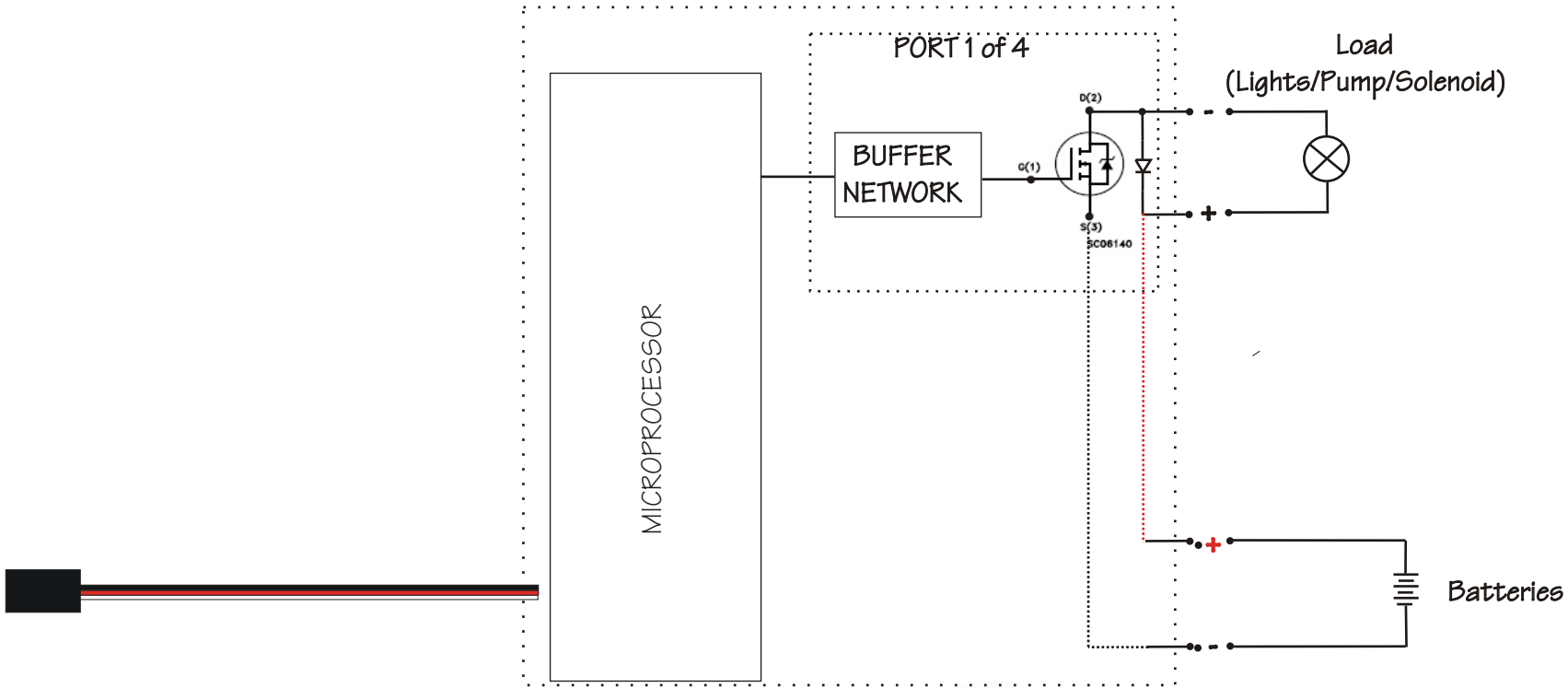
Supply (Batteries)



**\*\*\*VERY IMPORTANT\*\*\***

Internal Damage will occur if the supply lines are cross polarised  
 (Positive on Negative, Negative on Positive)

Rev No		MA RC WORLD
Feb 2011		
RC Electronic Solid State 4 Port Switch Connection Details Eng.		
Scale 1:1	Drawing No 1 of 2	



**\*\*\*VERY IMPORTANT\*\*\***

Internal Damage will occur if the supply lines are cross polarised  
 (Positive on Negative, Negative on Positive)

Rev No	MA RC WORLD
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RC Electronic Solid State 4 Port Switch Block Schematic Addendum Eng.	
Scale 1:1	Drawing No 2 of 2