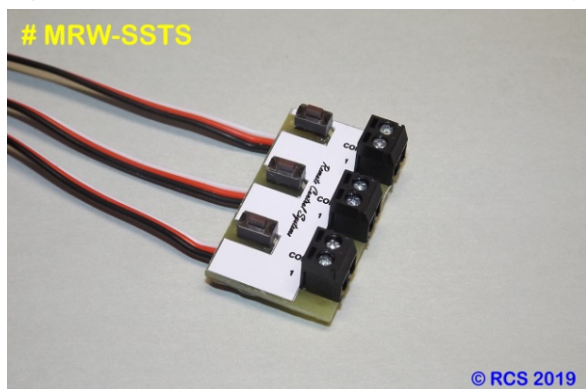


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## MRW-SSTS

by Model Radio Workshop



Congratulations on buying Remote Control Systems Triple 3 Way Solid State Switch. (MRW # RCS-09)  
If you treat it with respect it will reward you with many years of trouble free service.

Operating voltage is 4.4v to 6.3 v.  
Switch points are 1.45ms on each channel. No user serviceable parts.

### FEATURES

Ideal for use with # EVO-BATT+ Tx's  
Three outputs can be controlled by three channels. i.e. three single pushbuttons. EG Ch #'s 2, 4 & 5.  
Each output can be individually controlled. Latching or non-latching operation can be selected.

### INSTRUCTIONS

Plug the flying leads on the triple 3 way solid-state switch into the three selected channels on your receiver.  
Switch on the transmitter and then the receiver.

The MRW R/C switches will work correctly with all RCS Receivers.  
If using other brands of Rx's please make sure that all the channel you are using has the end point/travel adjustments set to 100% of movement. Each channel can handle switching downward from max 2.2 ms to min 0.8 ms.  
Press one button to control one output. It will switch at 1.45 ms

The action can be latching or non-latching.

With non-latching action, the output remains on only while the stick is held on that side of neutral. With latching action, the output remains on even when the button is released. To turn it off press the button again.

### SET-UP

Press and hold the Ch #2 (F2) button & then press the SET key. The item being controlled by that output will switch off to confirm that the latching action has been set. Then let the F1 button go. The output controlled by that button changes from latching to non-latching or from non-latching to latching each time the key is pressed.

Repeat the procedure with the other Ch # 4 (F4) & # Ch # 5 (Bind) button on the channel to change the action of the other output on this channel.

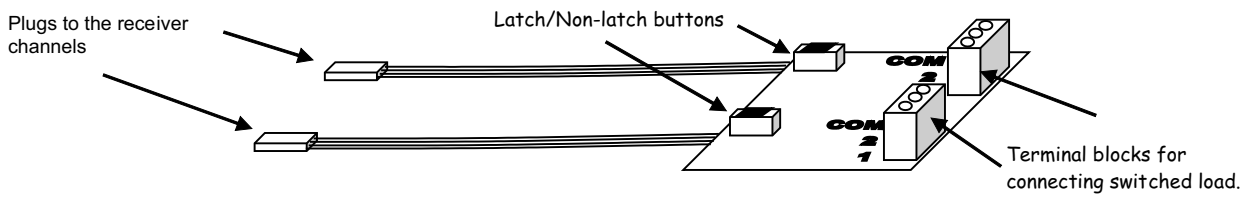
The unit remembers the settings and they will be retained until another output invert operation is performed.

Repeat the same procedure with Ch # 4 (F4) and Ch # 5.

### SAFETY

Please ensure that the SET key cannot be pressed accidentally while the unit is in use.

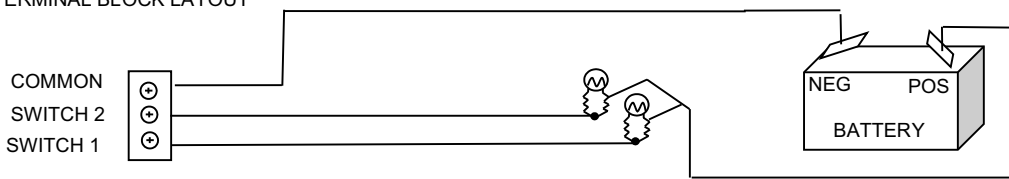
Please ensure that the SET key cannot be pressed accidentally while the unit is in use.



Wiring for 2 way solid state unit with two bulbs being used.  
This diagram applies to both sides of the unit.

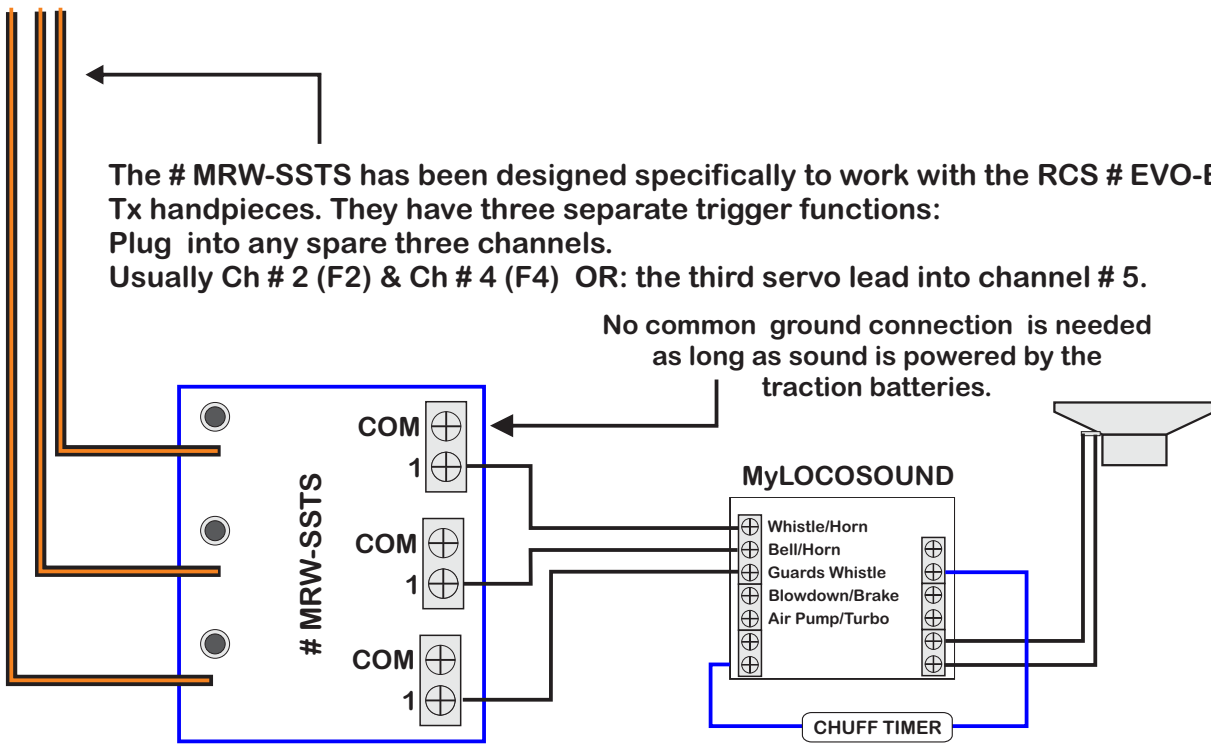
PLEASE OBSERVE THE POLARITY, INCORRECT WIRING CAN DAMAGE THE SWITCHER

TERMINAL BLOCK LAYOUT



The # MRW-SSTS has been designed specifically to work with the RCS # EVO-BASIC+ Tx handpieces. They have three separate trigger functions:  
Plug into any spare three channels.  
Usually Ch # 2 (F2) & Ch # 4 (F4) OR: the third servo lead into channel # 5.

No common ground connection is needed as long as sound is powered by the traction batteries.



Max 2 amp load on each trigger.