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MRW-SSSS

by Model Radio Workshop



Congratulations on buying the Remote Control Systems Single Solid State Switch. 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 1.45 ms on whichever channel you are using. There are no user serviceable components.

FEATURES

The output can be controlled by one channel. The Ch # 5 Bind button is ideal.

Latching or non-latching operation can be selected.

INSTRUCTIONS

Plug the flying leads on the single solid-state switch into just one channel 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 the channel you are using has the end point/travel adjustments set to 100% of movement. The channel selected 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

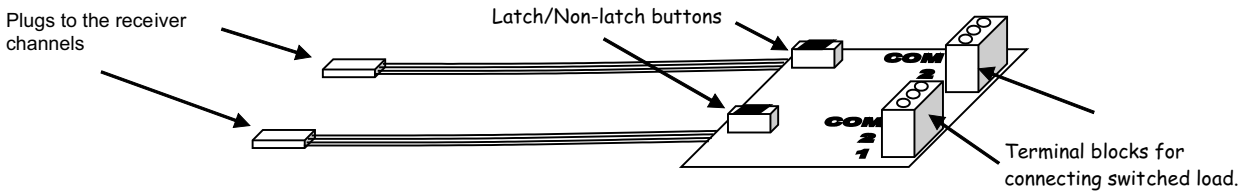
Press and hold the Tx channel control button & then press the SET key. The item being controlled by that output will switch off to confirm that the latching action has been set. Then let the channel control button go. The output controlled by that button changes from latching to non-latching or from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

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

SAFETY

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

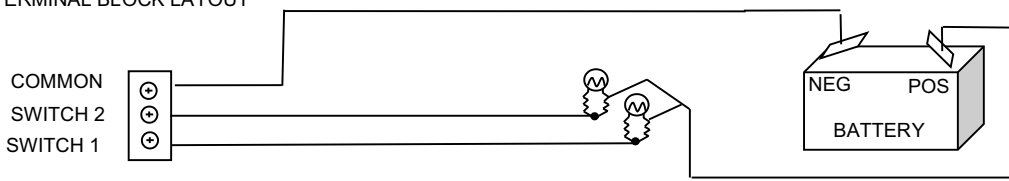
Please ensure that the SET key cannot be pressed accidentally while the unit is in use.



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

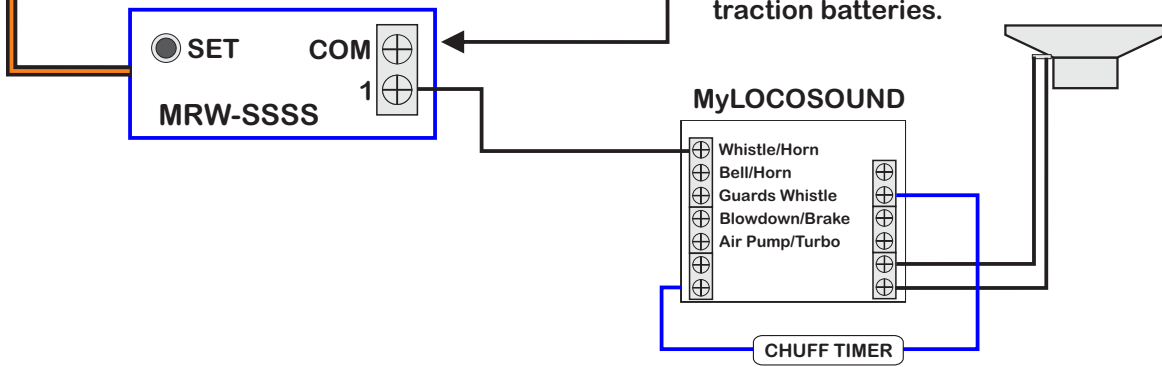
PLEASE OBSERVE THE POLARITY, INCORRECT WIRING CAN DAMAGE THE SWITCHER

TERMINAL BLOCK LAYOUT



The # MRW-SSSS has been designed specifically to work with the Ch # 5 Bind button found on all RCS Tx handpieces.
Simply plug the servo cable lead into Ch # 5 or any spare Ch.
The OFF position is above 15 ms. The switch triggers below 1.45 ms

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



Max 2 amp load on each trigger.