MRW-SSTS
by Model Radio Workshop

MRW-SSTS

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Congratulations on buying Remote Control Systems Triple 3 Way Solid Sate 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. The 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.
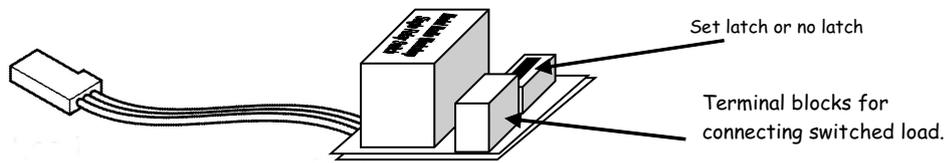Repeat the procedure with the other Ch # 4 (F4) & # Ch # 5 (Bind) button on the channel to change the action of the other output on this channel.
The unit remembers the settings and they will be retained until another output invert operation is performed.
Repeat the same procedure with Ch # 4 (F4) and Ch # 5.

SAFETY

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

Set latch or no latch

Terminal blocks for connecting switched load.

Suggested wiring for switching a light off and on.

TERMINAL BLOCK LAYOUT

Normally open
common

N.C

COM

N.O

BATTERY

BULB

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.

Max 2 amp load on each trigger.

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

COM

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MRW-SSTS

COM

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MyLOCOSOUND

Whistle/Horn
Bell/Horn
Guards Whistle
Blowdown/Brake
Air Pump/Turbo

CHUFF TIMER