

Remote Control For The XM1A or XM-2A Simulator

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Simple Wireless Solutions

Applications

Machine gun simulators, XM-1A and XM-2A.

Remote Switch System 2

The Remote Switch System 2 (RSS 2) is designed for short range (up to 350 Yards*) and simple wireless switching. Applications where manual operation is not possible or practical, the RSS 2 is the simple solution for:



The RSS 2 consists of an 2-button (9 VDC) hand-held transmitter and a 2-output (SPOT Class C Relay) receiver. Simply make your connections to the receiver, connect the supplied antenna and the RSS 2 is ready for use.

Operation

The RSS 2 transmitter is a momentary four push button hand-held transmitter with a visual tactile response. Each button can be programmed individually or sequentially to suit the user's needs. As an added security feature, the transmitter is digitally coded to match the receiver's random code to prevent unwanted reception. Over 4 Billion code combinations are available. The RSS 2 receiver is designed to be mounted to a wall or in an enclosure. The receiver has several modes of operation. These modes determine how the output relay functions once a properly coded signal is received. A 2-position DIP switch located next to the Micro Controller allows the user to select the mode of operation for the output relay and is used to program the transmitter push buttons. The programming port on the receiver and transmitter allows the user to digitally code the transmitter to match the random digital code generated by the receiver. This digital code is easily reset.

Solar Panel Kits: Turnkey, 12 VDC solar panel kits are available for locations without electricity.

Two Push Button Hand-Held Transmitter Specifications

Power Requirements Supply Power: 9 VDC Battery XM IT
Current: 40ma STBY Current: Oma

Output: %k Watt (350 Yard Potential Range)
Frequency: 27.195MHz FM Security:

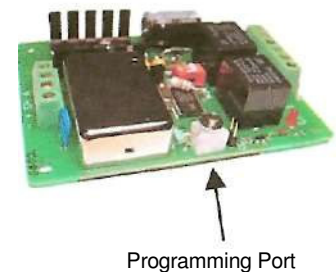
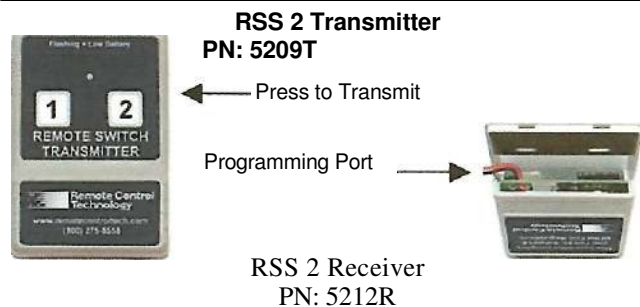
Radio Over 4 Billion Digital Codes FCC Part 95 Subpart E
Compliance (No License required)

Two Output Receiver Specifications

Power Requirements Supply Power: 12 VDC Relay
ON Current: 70ma STBY
Current: 10ma

Radio Frequency: 27.195 MHz FM
Bandwidth: Less than +/- 5.0 KHz
Security: Over 4 Billion Digital Codes FCC Part 95
Subpart E Compliance {No License required}

Modes of operation Relay Contact Rating: 5A @ 250 VAC Relay Type:
SPDT Class C Mode 1: Momentary (MOM) Mode 2:
Flip Flop <FF> Mode 3: Latching-on



The Range of all Radio products is dependent on local conditions and antenna selection/location.