Remote Control Technology
Simple Wireless Solutions

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Applications Include: **Pumps, Valves, Relays, Conveyors, Center Pivots, Lights, Alarm Systems, PLC Activation, Engine Controls, Wireless Automation.**

Remote Switch System 8 Heavy Duty Transmitter

The Remote Switch System 8 (RSS 8HD) heavy-duty transmitter is designed for short range (up to 350 Yards*) and simple wireless switching. Applications where faulty wire replacement or new installation is not possible or practical, the RSS 8 is the simple solution for:

- Pump Control
- Valve Actuation
- Conveyor Control
- Gate Control
- Light Control
- Alarm Systems
- PLC Activation
- Engine Control
- Wireless Automation

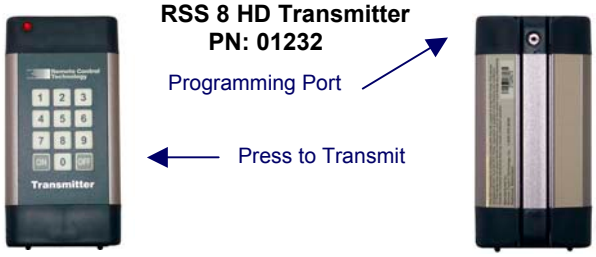
Operation

The Remote Switch System 8 heavy-duty transmitter (RSS 8HD) allows the user to remotely control up to 8 relay outputs using a push button transmitter. The transmitter is a momentary eight push button hand-held transmitter with a visual tactile response. Each button can be programmed individually or sequentially to suit the user's needs. This transmitter is capable of transmitting the state of any or all push buttons at any time. Alternatively, any or all receiver outputs may be active at any time.

Multiple transmitters can be programmed to one receiver. A Micro-controller in the receiver randomly generates one of over 4 billion security code combinations. This code is then programmed into the transmitter via a link cable, which is also used for programming the transmitter push buttons individually.

The transmitter is housed in an aluminum extrusion with durable tactile push buttons for heavy use applications. Power is provided using a standard 9 VDC Alkaline battery.

Power Requirements	Supply Power: 9 VDC Battery XMIT Current: 40ma STBY Current: 0ma
Radio	Output: ¼ Watt (350 Yard Potential Range) Frequency: 27.195MHz FM Security: Over 4 Billion Digital Codes FCC Part 95 Subpart E Compliance (No License required)



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

Operation

The Remote Switch System 8 (RSS 8HD) heavy-duty transmitter is compatible with the following receivers:

- 5112R One Output RX with antenna in weather resistant plastic enclosure
- 5212R Two Output RX with antenna in weather resistant plastic enclosure
- 5412R Four Output RX with antenna in weather resistant plastic enclosure
- 01231 Eight Output RX with antenna in weather resistant plastic enclosure