

Applications Include:

Pumps, Valves, Relays, Conveyors, Grain Augers, Alarm Systems, PLC Activation, Stackers, Automation

Short Range Wireless Switch System part #s: 01245, 5810XS

The Short Range Wireless Switch System (SRWSS) is designed for short range (up to ½ mile*) and simple wireless switching. The SRWSS is the simple solution for applications where faulty wire replacement or new installation of conduit is not possible or practical. Possible applications include:

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


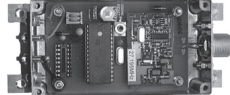
The SRWSS consists of a one or eight-input (12 VDC) transmitter and a one or eight-output (SPDT Class C Relay) receiver. The SRWSS comes complete with power supplies and antennas. Simply make your connections, and the SRWSS is ready for use and guaranteed to perform.

Operation


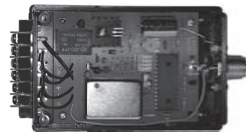
The SRWSS is designed to be mounted to a wall or in another enclosure; the transmitter is triggered by supplying 12 VDC to the terminal blocks. This sends a coded set of instructions to the receiver. A two-position DIP switch allows the user to select from four modes of operation which control transmission duration. The receiver has several modes of operation. These modes determine how the output(s) function once a properly coded signal is received. A set of DIP switches located next to the microcontroller allows the user to select the mode of operation for the output(s).

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

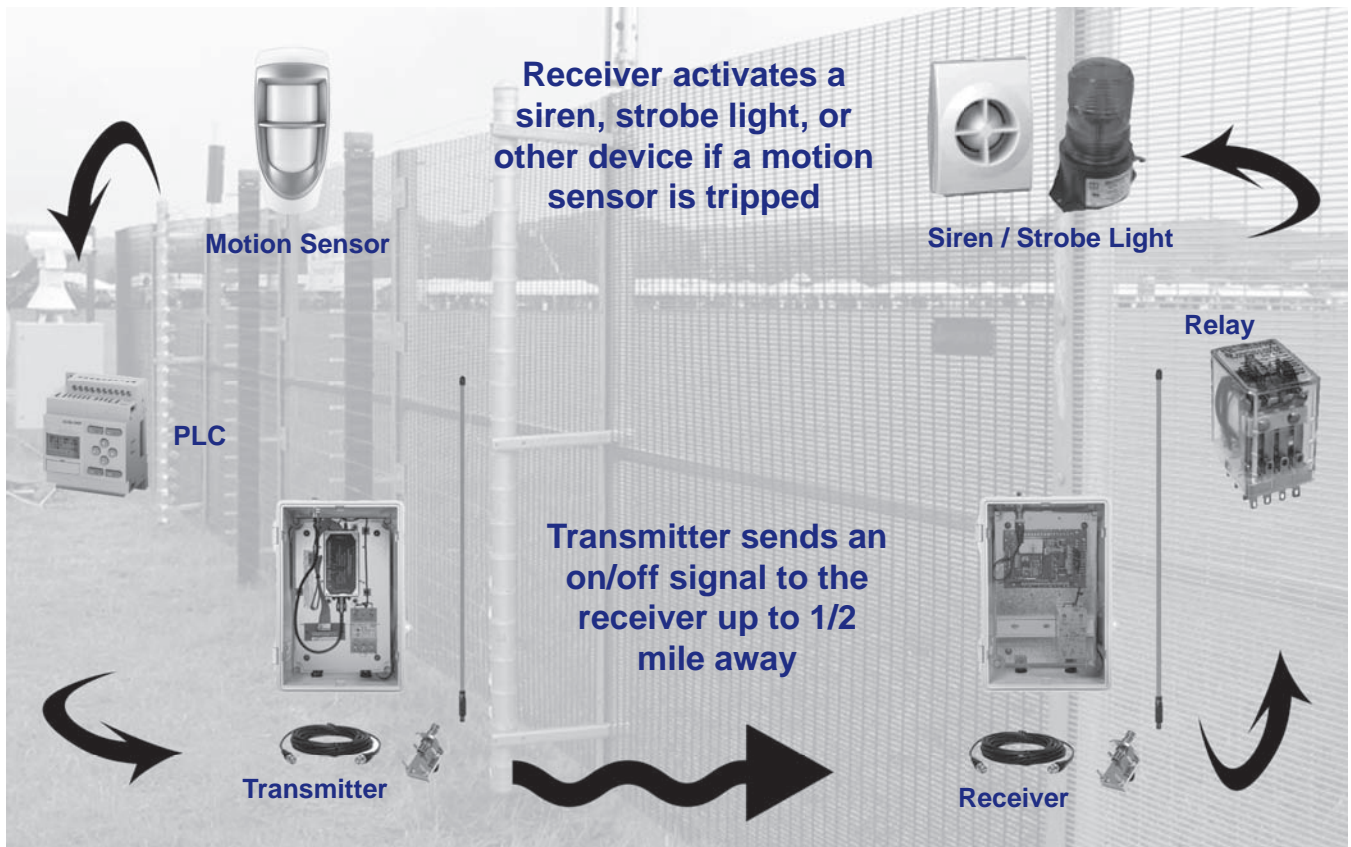
1 or 8 Dry Contact Input Transmitter Specifications

Power Requirements	Supply Power: 12 VDC (power supply included) XMIT Current: 300 mA STBY Current: 12 mA	 <p>SRWSS Transmitter Part #s:</p> <table border="1"> <thead> <tr> <th>Model</th> <th>27 MHz</th> <th>Inputs</th> </tr> </thead> <tbody> <tr> <td>SRWSS 1 Tx</td> <td>01247</td> <td>1</td> </tr> <tr> <td>SRWSS 8 Tx</td> <td>5810XT</td> <td>8</td> </tr> </tbody> </table>  <p>Includes:</p> <ul style="list-style-type: none"> • One or eight input transmitter • NEMA 4X plastic enclosure • Power supply • High-gain antenna, mount, and coaxial cable <p>The SRWSS 27 MHz Radio Signal is not limited by line-of-sight and can transmit over small buildings and through trees.</p>	Model	27 MHz	Inputs	SRWSS 1 Tx	01247	1	SRWSS 8 Tx	5810XT	8
Model	27 MHz		Inputs								
SRWSS 1 Tx	01247		1								
SRWSS 8 Tx	5810XT	8									
Radio	Output: 1 Watt (1/2 mile* potential range) Frequency: 27.195 MHz FM Security: Over 4 billion digital codes FCC Part 95 Sub part E compliant (no license required)										
Modes of Operation	Mode 1: 2 - 62 second tx repeat Mode 2: 1 - 10 min tx repeat Mode 3: continuous 5 min transmit Mode 4: 1.5 sec tx burst										

1 or 8 Relay Output Receiver Specifications

Power Requirements	Supply Power: 12 VDC (power supply included) Relay ON Current: 45 mA STBY Current: 10 mA	 <p>SRWSS Receiver Part #s:</p> <table border="1"> <thead> <tr> <th>Model</th> <th>27 MHz</th> <th>Inputs</th> </tr> </thead> <tbody> <tr> <td>SRWSS 1 Rx</td> <td>01246</td> <td>1</td> </tr> <tr> <td>SRWSS 8 Rx</td> <td>5810XR</td> <td>8</td> </tr> </tbody> </table>  <p>Includes:</p> <ul style="list-style-type: none"> • One or eight output receiver • Relays with 5A @ 250 VAC Rating • NEMA 4X plastic enclosure • Power supply • High-gain antenna, mount, and coaxial cable <p>*The range and performance of all radio products is dependent on local conditions and antenna selection/location.</p>	Model	27 MHz	Inputs	SRWSS 1 Rx	01246	1	SRWSS 8 Rx	5810XR	8
Model	27 MHz		Inputs								
SRWSS 1 Rx	01246		1								
SRWSS 8 Rx	5810XR	8									
Radio	Frequency: 27.195 MHz FM Bandwidth: 25 kHz at -20dB FCC Part 15 compliant (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 (SRWSS 1 Rx only: Off Delay 1-300 sec)										

Under Pressure from Bad Wiring? Relieve it with a Simple Wireless Solution!



- Control up to eight different devices from up to 1/2 mile without line-of-sight.
- The Short Range Wireless Switch System can be adapted to a wide variety of applications such as pump control, PLC activation, or alarm signaling.
- The system comes with a transmitter, receiver, high-gain antennas, mounts, coaxial cables, and built-in relays.
- Performance is backed by a one-year warranty.
- The wiring diagram below gives an example of how the system can be used for wireless alarm activation from a programmable logic controller:

