

Applications Include:

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

Short Range Wireless Switch System Handheld 900MHz

The Short Range Wireless Switch System Handheld (SRWSSH) is designed for short range (up to 350 yards*) and simple wireless switching. The SRWSSH is the simple solution where faulty wire replacement is required, new installation is not possible or practical, or many different pieces of equipment need to be controlled. Possible applications include:


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

The SRWSSH consists of one, two, four, or eight-key handheld transmitters and a one, two, four, or eight-output (SPDT Class C relay) 902-928MHz frequency hopping receiver. Simply connect the devices you want to control to the SRWSSH, and the SRWSSH is ready for use and guaranteed to perform.


Operation

The Short Range Wireless Switch System (SRWSSH) 902-928 MHz System uses a 1, 2, 4 or 8 button handheld transmitter and a 1, 2, 4 or 8 output receiver to provide wireless control of multiple devices. The transmitter is used to send a coded set of instructions to the receiver activating corresponding relay outputs. The encrypted coding is a random generated code, which is programmed wirelessly to the transmitter and receiver. Multiple transmitters can be programmed to one receiver and a single transmitter can operate multiple receivers. The receiver output relay has two modes that control how the relays function. The relays are SPDT Class C rated for 5 amps @ 250VAC (or 5A @ 30VDC) with Normally Open (NO), Normally Closed (NC), and a Common (C) contacts. The receivers and transmitters use fast frequency hopping (FFH) to allow up to eight receivers to be used in the same area. No interference or jamming will occur.

1, 2, 4, or 8 Push Button Hand-Held Transmitter Specifications

Power Requirements	Supply Power: 9 VDC alkaline battery XMIT Current: 65 mA STBY Current: 0 mA	SRWSSH Transmitter Part #s:		
	Radio	Output: .25W@902-928MHz (350 yard potential range*) Frequency: 902-928MHz Security: Over 4 billion digital codes FCC Part 15 and 95 Sub part E compliant (no license required)	Model	
Operating Environment		Indoor or Outdoor 32 degrees F to 122 degrees F	SRWSSH 1	9109THD
		SRWSSH 2	9209THD	
		SRWSSH 4	9409THD	
		SRWSSH 8	9809THD	

1, 2, 4, or 8 Relay Output Receiver Specifications

Power Requirements	Supply Power: 12 VDC or 110-240 VAC Relay ON Current: 70 mA STBY Current: 10 mA	SRWSS Receiver Part #s:		
	Radio	Frequency: 902-928 MHz Bandwidth: Less than +/- 5.0 KHz FCC Part 15 Compliant (no license required)	Model	
Modes of Operation		Relay Contact Rating: 5A @ 250 VAC Relay Type: SPDT Class C Mode 1: Momentary (MOM) Mode 2: Flip Flop (FF)	SRWSS 1	9112RHD
	Operating Environment	Indoor or Outdoor 32 degrees F to 122 degrees F	SRWSS 2	9212RHD
		SRWSS 4	9412RHD	
		SRWSS 8	9812RHD	