

Remote Control Technology

Short Range Handheld Heavy Duty

The Short Range Wireless Switch System Handheld is designed for short range (up to 350 Yards) and easy wireless switching. The Short Range Wireless Switch System Handheld 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.



Applications include:

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

The Short Range Wireless Switch System Handheld consists of 1, 2, 4, 8 or 16-key handheld transmitters and a 1, 2, 4, 8, or 16-output (SPDT Class C relay) receivers. Simply connect the devices you want to control to the Short Range Wireless Switch System Handheld and the system is ready for use and guaranteed to perform.

Operation

The Short Range Wireless Switch Handheld is a momentary, push-button handheld transmitter in a heavy-duty aluminum enclosure. Each button can be programmed individually or sequentially to suit your needs. As an added security feature, the transmitter is digitally coded to match the receiver's random security code to prevent unwanted reception. Over 4 billion code combinations are available.

1, 2, 4, or 8 Push Button Handheld Transmitter 27MHz				1, 2, 4, 8, or 16 Push Button Handheld Transmitter 900MHz			
Power Requirements		Supply Power: 9 VDC alkaline battery XMIT Current: 40 mA STBY Current: 0 mA				Power Requirements	
Radio		Output: .25W@27 MHz (350 yards potential range) Frequency: 27.195 MHz Security: Over 4 billion digital codes FCC Part 15 and 95 Sub Part E Compliant (no license required)		Radio		Output: .25W@902-928 MHz (200 yards potential range) Frequency: 902-928 MHz Security: Over 4 billion digital codes FCC Part 15 Compliant (no license required)	
1, 2, 4, or 8 Relay Output Receiver 27MHz				1, 2, 4, 8, or 16 Relay Output Receiver 900MHz			
Power Requirements		Supply Power: 12 VDC or 110-240VAC RELAY ON Current: 70 mA STBY Current: 10 mA				Power Requirements	
Radio		Frequency: 27.195MHz Bandwidth: Less than +/- 5.0 KHz FCC Part 15 Compliant (no license required)		Radio		Frequency: 902-928 MHz Bandwidth: Less than +/-5.0 KHz FCC Part 15 Compliant (no license needed)	
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 SRWSS1 RX Only: Off Delay 1 sec – 300 sec		Modes of Operation		Relay Contact Rating: 5A @ 250 VAC Relay Type: SPDT Class C Mode 1: Momentary (MOM) Mode2: Flip Flop (FF)	
Part #	Description	Part #	Description	Part #	Description	Part #	Description
5109THD	1 Button	5112RHD	1 Output	9109THD	1 Button	9112RHD	1 Output
5209THD	2 Button	5212RHD	2 Output	9209THD	2 Button	9212RHD	2 Output
5409THD	4 Button	5412RHD	4 Output	9409THD	4 Button	9412RHD	4 Output
5809THD	8 Button	5812RHD	8 Output	9809THD	8 Button	9812RHD	8 Output
				9169THD	16 Button	9162RHD	16 Output
Receivers Include: Receiver, Relays with 5A@250 VAC rating, NEMA 4X plastic enclosure, High-gain antenna and coaxial cable/mount, and power supply							
Operating Environment: Indoor or Outdoor -40° F to 140° F							
Solar Panel Kits: 10 Watt Turnkey, 12VDC solar panel kits are available for locations without electricity.							
Short Range Handheld Heavy Duty units are covered by a 90-Day warranty.							