

Short Range Handheld Light Duty

The Short Range Light Duty System are designed for short range (27MHz up to 350 yards and 900MHz up to 200 yards) and easy wireless switching. It 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**
- **Conveyor Control**
- **Stackers**
- **Grain Augers**

The Short Range Handheld consists of 1, 2, 4, 8 or 16-button 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 receiver and the system is ready for use and guaranteed to perform.



Operation

The system includes a momentary, push-button handheld transmitter in a plastic 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.

Short Range Legacy Light Duty Transmitter (27MHz)				Short Range Legacy Light Duty Receiver (27MHz)			
Power Requirements	Supply Power: 9 VDC alkaline battery XMIT Current: 40 mA STBY Current: 0 mA			Power Requirements	Supply Power: 12 VDC or 110-240VAC Relay ON Current: 70 mA STBY Current: 10 mA		
Radio	Output: .25W@27 MHz (350 yards potential range) Frequency: 27.195 MHz Security: Over 4 billion digital codes FCC Part 15 Compliant (no license required)			Radio	Frequency: 27.195MHz Bandwidth: Less than +/- 5.0 KHz FCC Part 15 Compliant (no license required)		
Light Duty Transmitter (27MHz)		Light Duty Receiver (27MHz)		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		
Part #	Description	Part #	Description				
5109T	1 Button	5112R	1 Output				
5209T	2 Button	5212R	2 Output				
5409T	4 Button	5412R	4 Output				
5809T	8 Button	5812R	8 Output				
Short Range Advanced Light Duty Transmitter (902-928 MHz)				Short Range Advanced Light Duty Receiver (902-928 MHz)			
Power Requirements	Supply Power: 9 VDC alkaline battery XMIT Current: 65 mA STBY Current: 0 mA			Power Requirements	Supply Power: 12VDC or 110-240 VAC Relay ON Current: 70 MA STBY Current: 10 mA		
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)			Radio	Frequency: 902-928 MHz Bandwidth: Less than +/-5.0 KHz FCC Part 15 Compliant (no license needed)		
Light Duty Transmitter (902-928 MHz)		Light Duty Receiver (902-928 MHz)		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				
9109T	1 Button	9112R	1 Output				
9209T	2 Button	9212R	2 Output				
9409T	4 Button	9412R	4 Output				
9809T	8 Button	9812R	8 Output				
9169T	16 Button	9162R	16 Output				
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 Light Duty units are covered by a 90-Day warranty.							