

Remote Control Technology

Mid-Range Light Duty Stationary System (#70100STS)

The Mid-Range Light Duty Stationary system is designed for mid-range, dual input/output simple wireless switching.

It is the simple solution where faulty wire replacement is required, new installation is not possible or practical, or up to two pieces of equipment need to be controlled.

Applications include:


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

The Mid-Range Light Duty Stationary System consists of a two 2-Input/Output (12-24 Volt AC/DC) transceivers. Simply connect the devices you want to control, and the Mid-Range Light Duty Stationary system is ready for use and guaranteed to perform.

Operation

This product allows for wirelessly triggering of up to two relays in either direction. The stationary transceivers are send/receive units that send a signal when a dry contact input is closed, activating the corresponding Class C SPDT relay output at the other unit.

An alert relay is also provided for automatic loss-of-communication notification (after 90 seconds) between the two units.

Stationary Transceiver Specifications			Mid-Range Light Duty Stationary Transceiver Part #70100ST
Power Requirements	Supply Power: 1A (minimum) 12-24 Volt AC/DC required (customer provided) Relays: 10A 250 VAC/ 28VDC Power Consumption: 12V: 50mA (idle); 1A (transmit) 24V: 25mA (idle); 500mA (transmit)		Features: <ul style="list-style-type: none"> • 2-Way Communication • (2) SPDT Class C Relay Output each • Rated 15A @ 120VAC; 10A @ 240VAC • NEMA 4X Enclosure • 2.1dBi Antenna Gain • Potential Range = 1 Mile non-LOS • 90° Adjustable Terminal Blocks • Automatic synchronization every 30-seconds • Field Programmable
Radio	Frequency: 902-926MHz (Frequency Hopping) FCC Part 15 compliant (no license required)		
Operating Environment: Indoor or Outdoor -40° F to 140° F			
Solar Panel Kits: Turnkey, 12VDC solar panel kits are available for locations without electricity.			
Mid-Range Light Duty Stationary units are covered by a 90-Day warranty.			