



Remote Control Technology

Mid-Range Light Duty Handheld System (#70100HHS)

The Mid-Range Light Duty Handheld is designed for mid-range, single output simple wireless switching.

It is the simple solution where faulty wire replacement is required, new installation is not possible or practical, or a single piece of equipment needs to be controlled.

Applications include:

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

The Mid-Range Light Duty Handheld System consists of a 1-Button, handheld transmitter and a 1-Output (12-24 Volt AC/DC) receiver. Simply connect the device you want to control, and the Mid-Range Light Duty Handheld system is ready for use and guaranteed to perform.

Operation

This product allows for wirelessly triggering a relay through a battery powered handheld transmitter. The handheld transmitter is a send/receive unit that sends a signal when the button is pressed, indicated by a red LED light. It also receives a signal back from the receiver, indicated by a green LED light. This allows users to know the signal was sent and received by the corresponding receiver unit.

Handheld Transmitter Specifications			Mid-Range Light Duty Handheld Transmitter Part #70100HH
Power Requirements	Supply Power: Micro-USB Rechargeable		Features: <ul style="list-style-type: none"> • Single Button Operation • Visual Feedback via LED • Potential Range = 1 Mile non-LOS • Micro-USB Rechargeable • Belt Clip
Radio	Output: 0.847 Watts (1 mile potential range, non-LOS) 902-926MHz Frequency Hopping FCC ID: 2ASPOTX-100A Class B Digital Device; complies with FCC Part 15		
Stationary Receiver Specifications			Mid-Range Light Duty Stationary Receiver Part #70100ST
Power Requirements	Supply Power: 12-24 Volt AC/DC (customer provided) Relays: 10A 250 VAC/ 28VDC 12V: 50mA (idle), 1A (transmit) 24V: 25mA (idle), 500mA (transmit)		Features: <ul style="list-style-type: none"> • (1) SPDT Class C Relay Output • Rated 15A @ 120VAC; 10A @ 240VAC • NEMA 4X Enclosure • 2.1dBi Antenna Gain • 90° Adjustable Terminal Blocks
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 Handheld units are covered by a 90-Day warranty.			