



# 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.

<b>Handheld Transmitter Specifications</b>			<b>Mid-Range Light Duty Handheld Transmitter</b> <b>Part #70100HH</b>
<b>Power Requirements</b>	Supply Power: Micro-USB Rechargeable		<b>Features:</b>
<b>Radio</b>	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		<ul style="list-style-type: none"> <li>• Single Button Operation</li> <li>• Visual Feedback via LED</li> <li>• Potential Range = 1 Mile non-LOS</li> <li>• Micro-USB Rechargeable</li> <li>• Belt Clip</li> </ul>
<b>Stationary Receiver Specifications</b>			<b>Mid-Range Light Duty Stationary Receiver</b> <b>Part #70100ST</b>
<b>Power Requirements</b>	Supply Power: 12-24 Volt AC/DC (customer provided) Relays: 10A 250 VAC/ 28VDC 12V: 50mA (idle), 1A (transmit) 24V: 25mA (idle), 500mA (transmit)		<b>Features:</b>
<b>Radio</b>	Frequency: 902-926MHz Frequency Hopping FCC Part 15 compliant (no license required)		<ul style="list-style-type: none"> <li>• (1) SPDT Class C Relay Output</li> <li>• Rated 15A @ 120VAC; 10A @ 240VAC</li> <li>• NEMA 4X Enclosure</li> <li>• 2.1dBi Antenna Gain</li> <li>• 90° Adjustable Terminal Blocks</li> </ul>
<b>Operating Environment:</b> 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.			