



**Short Range Advanced Transmitter**



**Short Range Advanced Receiver**

The Short Range Advanced System is designed for use up to 1 Mile for simple wireless switching. It is the ideal solution for applications where faulty wire replacement or new installation of conduit is not possible or practical.

Possible applications include:

- Pump Control
- Valve Activation
- Grain Augers
- Light Control
- PLC Activation
- Engine Control
- Conveyor Control
- Alarm Systems

The Short Range Advanced system consists of a 2-Channel Transmitter and a 2-Channel Receiver (with two 10A SPDT Relays) and comes complete with power supplies and 4" low profile omni-directional antennas. Simply make your connections and the system is ready for use.

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

### Specifications:

- Range: 1 Mile non-LOS (potential\*)
- Frequency: 902-928MHz Frequency Hopping
- FCC Part 15 compliant (no license required)
- Power Supplies: 12VDC
- Power Consumption: 50mA (idle); 1A (transmit)
- (2) SPDT Class C Relays: 15A @ 120VAC; 10A @ 240VAC
- Operating Environment: -40° F to 140° F
- NEMA 4X Enclosures
- Automatic synchronization every 30 seconds
- Field Programmable

\*The range and performance of all radio products is dependent on local conditions and antenna selection/location.

Turnkey 12VDC Solar Panel Kits are available for locations without electricity.

## Other reliable products from Remote Control Technology



### **Stationary Solutions**

Ranging from Short to Long Range Wireless Remote Control Systems. Learn how our solutions can help your company save time and money.

### **Handheld Solutions**

Remote Control Technology has designed and manufactured custom wireless applications for a number of Fortune 500 companies.

### **Irrigation Control**

Since 1982, Remote Control Technology has taken the lead in RF radio frequency wireless remote controls for irrigation controllers.

**At Remote Control Technology, we are committed to quality and service.**

**With 40 years of experience, we manufacture and sell the highest quality wireless control systems in the industry.**