

Remote Control Technology

Simple Wireless Solutions

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Applications Include:

Pumps, Valves, Relays, Conveyors, Grain Augers, Alarm Systems, PLC Activation, Stackers, Automation

Long-Range Wireless Switch System (Hand-Held) part #: 01215

The Long Rang Wireless Switch System Hand Held (LRWSSHH) is designed for long range and simple wireless switching. Applications where faulty wire replacement or new installation is not possible or practical, the LRWSSHH is the simple solution for:

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

The LRWSSHH consists of a 12 key hand held transmitter and a six-output (12 VDC) receiver. Complete with power supply and antennas, simply make your connections and the LRWSS is ready for use and guaranteed to perform.

Operation


Operation is simple, select a receiver output number to activate, enter it on the keypad and press the "ON" key. The transmitter will immediately send an "ON" transmission to the receiver, changing the state of the selected receiver output from 0 VDC to 12 VDC @ 1 Amp. The receiver output can be used to activate a relay, solenoid, or a light. Immediately after pressing the "OFF" key, the transmitter will send an "OFF" transmission to the receiver, changing the state of the selected output from 12 VDC to 0 VDC, turning off the connected device.

Solar Panel Kits: Turnkey, 12 VDC solar panel kits are available for locations without electricity.

Hand-Held Transmitter Specifications

Power Requirements	Supply Power: 9 VDC Alkaline Battery XMIT Current: 600 mA STBY Current: 1 mA	 <p>LRWSS HH Transmitter Part #: 01218</p> <p>Includes:</p> <ul style="list-style-type: none"> • Rugged Hand-Held Aluminium Enclosure • 2 Watt Radio Transmitter • 9 VDC Battery • 8" Whip Antenna • Belt Clip
Radio	Output: 2 Watts (2 mile Ptoential Range) Frequency: 26.995 FM Format: PDTFM FSK FCC Part 95 Subpart E compliance (No License Required)	
Operating Environment	Indoor or Outdoor -40 degrees F to 140 degrees F	

6 Output Receiver Specifications

Power Requirements	Supply Power: 12 VDC (15 W power supply included) Output Current: 1 Amp per output STBY Current: 30 mA	 <p>LRWSS HH Receiver Part #: 01216</p> <p>Includes:</p> <ul style="list-style-type: none"> • 6 Output Receiver • 15 Watt Power Supply • (110 VAC to 240 VAC Input, 12 VDC Output) • NEMA 4x Enclosure • 42" High Gain Antenna • Right Angle Antenna Mount • 25' Coax Cable w/ BNC Connectors
Radio	Frequency: 26.995 MHz FM Superheterodyne FM Receiver FCC Part 15 Compliance (No License Required)	
Operating Environment	Indoor or Outdoor -40 degrees F to 140 degrees F	

Mounted in a NEMA 4 enclosure, the LRWSSHH system is designed for outdoor/indoor industrial applications. The transmitter itself is housed in a time tested rugged aluminum extrusion and is designed to provide years of service. Remote Control Technology backs that up with a three year warranty. The transmitter has an output power of 2 watts @ 26.995 MHz. Potential range is approximately 2 miles* and with proper antenna application is not limited to line of sight communication.