License Free Radio Control Systems

120V AC Single & Two Speed Hubbell Radio Remote Control Systems

- System approved for operation under FCC Part 15 rules — no user license required.
- Digital FM signal — exceptional immunity to noise.
- Security — 65,000+ address codes available, user settable by dip switch.
- State of the art design — surface mount, microcontroller electronics.
- Auto power off extends battery life.
- Extremely compact and cost effective systems.

Select one of several single-speed transmitters or a two-speed transmitter:
- Key-Ring - with 1 or 4 buttons
- Belt-Clip - with 1, 2, 3, 4, or 6 buttons
- Hand-Held - with 6 or 8 buttons

All transmitters are rated NEMA 3 for indoor/outdoor use.

Select receivers with the number of output relays to match the transmitter functions. A flexible half-wave antenna mounts directly to the receiver by BNC connector. All receivers are rated NEMA 4X for indoor/outdoor use.

Single Speed Control System Features
- Extremely compact and cost effective Remote Control Systems
- Output relays are individually settable for momentary or latched function
- Highly reliable and secure operation
- Meets FCC Part 15 rules: no user license required

Two Speed Control System Features
- Extremely compact and cost effective Remote Control Systems
- Output relays are individually settable for momentary or latched function
- Highly reliable and secure operation
- 32 frequencies in the 430 MHz FM band
- Active E-Stop
- Meets FCC Part 15 rules: no user license required
Single Speed Specifications

Transmitter Specifications
- Built-in antenna
- Frequency: 433 MHz, FM
- Digital pulse transmission
- LED to indicate "transmitting/battery low"
- For indoor and outdoor use: NEMA 3 and IP 54

Key-Ring Transmitter
- 1 or 4 pushbuttons
- 12 Volt alkaline battery
- Operating time: 15 hours continuous
- Approx. weight: 1 oz. with battery
- Approx. size: 3" x 1" x ½"

Belt-Clip Transmitter
- 1, 2, 3, 4, or 6 pushbuttons
- 9 Volt alkaline battery
- Operating time: 24 hours continuous
- Approx. weight: 4 oz. with battery
- Approx. size: 4" x 2½" x 1"

Hand-Held Transmitter
- 6 or 8 pushbuttons
- 9 Volt alkaline battery
- Operating time: 15 hours continuous
- Approx. weight: 9 oz. with battery
- Approx. size: 6" x 3" x 1½"

Hand-Held Transmitter with "Stop"
- 4, 6 or 8 pushbuttons, push/pull switch for "Stop/Run", key-switch for transmitter "On/Off"
- Rechargeable lithium battery
- Operating time: 30 hours continuous
- Recharge time: 3 hours
- Approx. weight: 10 oz. with battery
- Approx. size: 6" x 3" x 1½"

Receiver Specifications
- Double superheterodyne
- Sensitivity -110 dBm or better at 20 dB S/N
- Frequency: 433 MHz, FM
- Built-in antenna
- Output relays rated 8 Amp at 250V ac
- Approx. size: 12" x 5" x 2" x 3½"

16 Relay Receiver with "E-Stop"
- 16 output relays
- Approx. size: 12" x 9" x 2½"

Two Speed Specifications

Transmitter Specifications
- Built-in antenna
- Digital pulse transmission
- LED to indicate "transmitting/battery low"
- For indoor and outdoor use: NEMA 3 and IP 54

Hand-Held Transmitter with "E-Stop"
- Eight 2-speed pushbuttons, push/pull switch for "E-Stop/Ran", key-switch for transmitter "On/Off"
- Automatic "power off", user selectable for 2, 6, 12 minutes, or manual
- Rechargeable lithium battery
- Operating time: 12 hours continuous
- Recharge time: 1½ hours
- Approx. weight: 10 oz. with battery
- Approx. size: 6" x 3" x 1½"

Receiver Specifications
- Double superheterodyne, synthesized
- Sensitivity -110 dBm or better at 20 dB S/N
- ½ wave flexible antenna
- Output relays rated 16 Amp at 250V ac
- Approx. size: 6" x 5" x 3½"

9 Relay Receiver with "E-Stop"
- 9 output relays
- 2 "E-Stop" relays
- Approx. size: 9" x 6" x 3½"

16 Relay Receiver with "E-Stop"
- 16 output relays
- 2 "E-Stop" relays
- Approx. size: 12" x 9" x 2½"

Hubbell Industrial Controls, Inc.
a subsidiary of Hubbell Incorporated

50 Edwards Street
Madison, Ohio 44057
(440) 428-1161
Fax (440) 428-7635

4301 Cheyenne Drive
Archdale, NC 27263
(336) 434-2800
Fax (336) 434-2801

http://www.hubbell-icd.com/radiocontrols/