



The Rowe Electronics RE6 wireless control system is designed to yield superior performance under harsh operational conditions. When quality and durability count, the RE6 is there to perform.

Operating System: 915MHz (Domestic frequency) and 868MHz (European frequency) configurations available in 12VDC - 2 Kbps data transfer rate - Programmable microprocessor with 28 bit serial capability - Rolling SN code (virtually eliminates the possibility of “cross frequency” or interference) - Excellent performance in “high noise environments” such as DC motor control applications. Multiple operational behavior configurations are available like; latched, on/off, time-out, momentary and time out.

Operational Range: Utilizing the standard integrated antenna, RE6 units have an operational range well in excess of 125 feet. (line-of-sight). The usage of RF signaling provides exceptional non-line-of-site\through obstacle performance as well. Extended range antenna options are available upon request.

Receiver:



RF Receiver housed in an IP67 equivalent, non-metallic and corrosion resistant enclosure. Dimensions: 5.25” L x 4.75”W x 1.50”H. 5 individual remote transmitters can be programmed into a single receiver unit. Multi-color LED indicator signals ready state, signal reception, and operational mode. Custom graphics are an option for distributors and OEMs upon request.

Transmitters:



Key Fob Remote – 4 or 6 Button (Standard) IP67 equivalent; fully protected against environmental forces and well suited for marine, Ag, industrial and other outdoor applications. Ergonomically designed, standard four button, non-metallic key fob control. Key fob units have an easily replaceable 3V CR2032 battery for power supply. Laser etched keypad icons for extended durability and enhanced appearance. Convenient mount for easy key chain or lanyard attachment. Clip/Velcro mounts also available upon request.



L-Style Handheld Remote – (Optional) IP67 equivalent; fully protected against environmental forces and well suited for marine, ag, industrial and other outdoor applications. Ergonomically designed, non-metallic remote in standard 6 and 8 button variants (2/4/10/12 button configurations also available for volume purchases) Optional belt clip available. Tactile feedback membrane switch provides consistent control and quality appearance powered by two AAA batteries.

Rowe Electronics remote transmitters contain advanced circuitry that yields extended service life between battery changes, typically greater than 1 year, and consistent performance. Custom icons available and incorporated LED to alert users to signal transmission and battery condition.

Interface Wire Harness: Custom wire harnesses built to WHMA A-620 standards. Everything from simple labeled flying wire leads, to custom built over-braided, OEM quality wire harnessing solutions. Our engineers can assist in developing a harness solution that meets your needs, and allows for a seamless integration of wireless control into your application. (relays, switches, indicator lights, control boxes, etc.) We use our vast experience to help you develop a solution that results in product improvement, and greater customer satisfaction.

Suitable Applications: The RE6 wireless system is well suited for outdoor applications; fully sealed to protect against rain, power washing, dust, dirt, and debris.



Industrial - skid steer\bobcat attachments, debris blowers, winches, hydraulic valves/rams, crane applications, hoist control, small engine throttle controls, side\bottom dump trailer gates, tarp rollers, outriggers, salt & sand spreaders. etc



Agriculture - grain drills/planter fill, tractor/small engine throttle control, grain auger swing, auger on/off, hydraulic valve/ram control, conveyors, talc applicators, sprayer valves/booms, hay wagons, seed tenders, gates, etc.

Product specification:

System In\Out Voltage: 12VDC

Output Amperage: 2.5 Amps per output (x6 outputs)

Output Amperage: 6 Outputs @ 2.75 Amps each - 7.5 Amps max output (relay kits available for high amperage applications)

Output Detail:

Digital Outputs 1, 2, 3, 4 Reversing (2.5 Amps per)

H-bridge outputs designed for applications requiring reversing polarity; i.e. reversing electric motors, valves, etc, Outputs may be used together in a reversing application, or can be used as four independent outputs and configured in latched, momentary, time-out, etc.

Digital Outputs 5, 6 High Side (2.5 Amps)

Standard high side electrical output can be configured for latched, momentary, time out, etc.

Analog Output 7 (10mA)

Digital variablevoltage output; 0-10VDC, 10mA, max – designed for use on electronic throttle systems

Digital Input 1, 2

Used with custom software configurations for feedback based outputs and operation

Warranty: Full one year warranty against manufacturer defect\workmanship from date of installation



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