



CONTROLS INC.

CERTIFIED ISO 9001

CERT # US - 1892a

New Product Bulletin

Radio Control Products: Hand-held Palm Stations and Chest Pack Control Stations

- **Advanced Microprocessor Controls**— 32 bit CRC and Hamming code provides ultra-fast, safe, precise and error-free encoding and decoding.
- **Full System Compatibility**— All components (software and hardware) are compatible regardless of model type, minimizing spare parts inventory.
- **Low Power Consumption**— 2 “AA” alkaline batteries provide more than 100 hours of transmitter operation.
- **Durable and Rugged Enclosures**— Made from industrial-strength nylon and fiberglass composite materials. Housings meet IP-66/NEMA-4X requirements and are highly resistant to dirt, liquid, acid, alkali, grease and oil penetration.
- **Pitch and Catch Operation**— Allows 2 operators to control a crane from opposite ends of a long or cross travel
- **Tandem Operation**— Allows 2 operators to control 2 cranes independently and simultaneously.
- **Random Access Operation**— Allows 3 operators to randomly control 3 cranes on a “first come-first served” basis.
- **Removable Power Key Switch plus E-stop**
- **Ergonomic and Lightweight**
- **Universal Transmitter**



While any of the **OEMCan** products are compatible, the **OEM Control Module (OCM1)** is the ideal partner for our Radio Control products. Features include CAN interphase, analog and digital I/O, LCD display for set-up, adjustments and troubleshooting.

Receiver and Transmitter Specifications

Frequency Range:

- 433-434 MHz (62 channels) bang-bang / Palm Stations
- 2.4 GHz Proportional / Control Stations

Modulation:

- Digital Frequency Modulation
- Frequency Hopping Spread Spectrum

Encoding/Decoding Reference:

Microprocessor Controlled

Operating Range: 100 M / 300 ft

Frequency Control:

Synthesized PLL

Responding Time: 50 ms (average)

Receiver Sensitivity: -113dBm

Enclosure rating: IP-66 (NEMA-4X)

Supplied Voltage: 12-24 VDC

Operating Temp.:

-25°C ~ 75°C / -13°F ~ 167°F

Transmitter Dimensions

(Yellow Palm Stations):

- 4 Buttons -138mm(L) x 69mm(W) x 34mm(D)
- 8 Buttons -184mm(L) x 69mm(W) x 34mm(D)
- 12 Buttons -230mm(L) x 69mm(W) x 35mm(D)

Transmitter Weight

(Yellow Palm Stations):

- 4 Buttons - 192 g / 6.8 oz
- 8 Buttons - 242 g / 8.5 oz
- 12 Buttons - 296 g / 10.4 oz

Note: Specifications listed are for general information only. For information on specific transmitter models, contact OEM Controls.

▲ WARNING: It is the purchaser's responsibility to determine the suitability of any OEM Controls product for an intended application, and to insure that it is installed and guarded in accordance with all federal, state, local and private safety and health regulations, codes and standards.

Due to the unlimited variety of machines, vehicles and equipment on which our controls are used, and the numerous standards which are frequently the subject of varying interpretation, it is impossible for OEM Controls personnel to provide expert advice regarding the suitability of a given controller for a specific application. The flexibility of our products allows us to offer thousands of custom configurations. We can advise you of the various features that are available and you can examine models to see what meets your needs. We believe our customers' engineering departments should be the qualified experts in their own product field. If the product will be used in a safety critical application, the customer must undertake appropriate testing and evaluation to prevent injury to the ultimate user.

Should you have any questions or if any of the above warning is unclear, please contact OEM Controls at 10 Controls Drive, Shelton, CT 06484, FAX: 203.929.3867, TEL: 203.929.8431.



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