

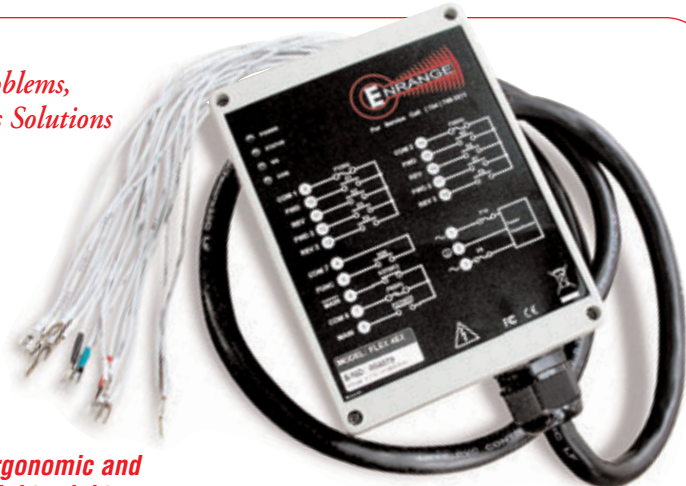


*Receiving Today's Problems,  
Transmitting Tomorrow's Solutions*

# FLEX EX

S E R I E S

## FLEX EX TRANSMITTERS



## FLEX 4 EX RECEIVER

- **Ergonomic and Lightweight**
- **New Proportional Control (Available Fall 2007)**
- **Durable and Rugged**
- **Safe and Reliable**
- **Fully Sealed Enclosures (IP-66)**
- **62 User - Programmable Channels**
- **Automatic Channel Scanning Receiver**
- **Unique I-CHIP Design**
- **Removable Power Key Switch**
- **CSA Approved Systems for Canada**

### Receiver & Transmitter Specifications

|                              |                              |                               |  |
|------------------------------|------------------------------|-------------------------------|--|
| Frequency Range:             | 433-434 MHz (62 channels)    | Transmitter Dimensions:       | 4 Buttons -138mm-Long x 69mm-Wide x 34mm-Deep<br>8 Buttons -184mm-Long x 69mm-Wide x 34mm-Deep<br>12 Buttons -230mm-Long x 69mm - Wide x 35mm-Deep |
| Modulation:                  | Digital Frequency Modulation | Transmitter Enclosure Rating: | IP66/NEMA 4X   |
| Encoding/Decoding Reference: | Microprocessor Controlled    | Transmitter Weight:           | 4 Buttons - 192 g / 6.8 oz<br>8 Buttons - 242 g / 8.5 oz<br>12 Buttons - 296 g / 10.4 oz   |
| Operating Range:             | 100 Meters / 300 Feet        | Receiver Dimensions:          | 8/12 RX: 363mm-Long x 226mm-Wide x 84mm-Deep<br>4 EX-1S: 165mm-Long x 124mm-Wide x 108mm-Deep  |
| Frequency Control:           | Synthesized PLL              | Receiver Enclosure Rating:    | IP66/NEMA 4X   |
| Resending Time:              | 40 ms (average)              | Receiver Weight:              | 8/12 RX: 2.5 kg, 5.5 lbs with Output Cable<br>4 EX-1S: 1.8 kg, 4 lbs with Output Cable   |
| Receiver Sensitivity:        | -113 dBm                     |                               |  |
| Transmitter Voltage:         | 3.0 VDC                      |                               |  |
| Output Contact Rating:       | 250 VAC @ 10 A               |                               |  |
| Supplied Voltage:            | 110 VAC~ 460 VAC @ 50/60 Hz  |                               |  |
| Operating Temp.:             | -25°C ~ 75°C / -13°F ~ 167°F |                               |  |
| Optional:                    | 12-24 VDC                    |                               |  |

### Equipment Features

- **62 User-Programmable Channels** – Advanced synthesized RF controls, no more fixed channels or fragile quartz crystals to break.
- **Automatic Channel Scanning Receiver** – No more hassle of climbing up the crane to change receiver channels.
- **Over 1 Million Unique ID Codes (20 Bit)** – Each Flex EX System has its own unique identification codes ...never repeats.
- **Advanced Controls** – The Flex EX System utilizes advanced microprocessor controls with 32 bit CRC and Hamming Code, providing ultra fast, safe, precise and error-free encoding and decoding.
- **Unique I-CHIP Design** – The I-CHIP functions similarly to a SIM card. Information and setting can be transferred between transmitters without the hassle of resetting the spares.
- **Full System Compatibility** – All components (software & hardware) are compatible regardless of model type, minimizing spare parts inventory.
- **Reliable Push Buttons** – The in-house designed push buttons have gold plated contacts and are rated for more than 1 million press cycles. The defined snap-action steps provide positive tactile feedback even wearing gloves.
- **Low Power Consumption** – A transmitter requires only 2 "AA" alkaline batteries with more than 100 hours of operation.
- **Durable & Rugged Enclosures** – All enclosures are made from industrial-strength nylon and fiberglass composite materials. All housings meet the IP-66/NEMA-4X requirements and are highly resistant to dirt, liquid, acid, alkali, grease and oil penetration.
- **Abundant Programmable Functions** – Each system is equipped with more than 200 user-programmable functions to suit all types of applications.
- **Pitch & Catch Operation** – This function allows 2 operators to control a crane from opposite ends of a long or cross travel
- **Tandem Operation** – This function allows 2 operators to control 2 cranes independently and simultaneously.
- **Mode Shift Operation** – Mode Select (MS) Systems - These can control more single output functions than a standard system. A 4 button transmitter can control 8 outputs, 8 buttons can control 16 outputs, and 12 buttons can control 24 outputs.
- **Receiver Select Operation** – Receiver Select (RS) Systems - The systems allow one operator to control simultaneous or independently, 6 separate receiver units from one hand held remote.
- **Pre-Wired Output Cable** – A pre-wired cable is standard equipment on all Flex models.

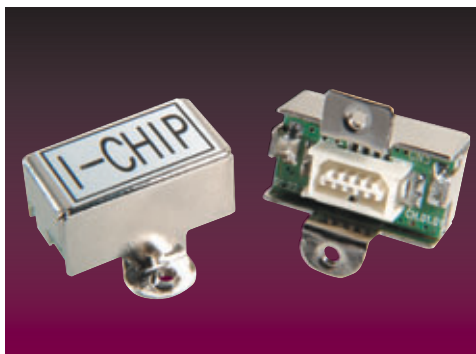
# FLEX

S E R I E S

Wireless Radio Control Solutions  
for Equipment Movement  
and Operations

The system includes 2 hand-held transmitters, a pre-wired 6 ft. cord, standard owners manual and the accessories for all your needs.

*So Call Today!*



Flex 8EX  
Ultimate Case Combo,  
0-UCC 01



The new Enrange Flex EX Series of radio controls provides a standard cost effective solution to the restrictive use of hard-wired cabling. The systems come in 4, 8 and 12 button styles to meet all your applications. Indoor or outdoor,

the IP 66 rated receiver enclosure can provide you the confidence and protection in the harshest environments. Enrange aspires to provide the highest level of excellence in products and services to be competitive in the global market-

place. A professional engineering and technical staff backs all of our products. Mobile, mining or material handling, whatever your industry, Enrange is ready to meet your needs with the new Flex EX Series Radio Control System.

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