Wireless Radio Control Solutions for Equipment Movement and Operations

PRODUCT SPECIFICATION SHEET

CAN-4 / 2.4 RECEIVERS

The CAN-4/2.4 receiver makes adding remote control to hydraulically "can-bus" controlled machinery simple and easy. Enrange's CAN-4/2.4 receiver allows you to tap on to most CAN-bus systems, especially a standard J1939 communication CAN-bus system. It is also compatible with Parker's IQAN modules.

The small compact design is rugged enough to handle outdoor environments and the quick response allows for precise control, without the latency found in other control systems. The CAN-4/2.4 has four digital outputs and CAN inputs. You never have to worry about interference with the 2.4 GHz FHSS RF channels. So the next time you need radio control for your hydraulic equipment, select the R-Link Series of receivers for your project.

Specifications

Size:	(L x W x D) 5.7" x 4.6" x 1.4"
Weight:	Less than 1 lb
Frequency Range:	2.4Ghz spread spectrum FHSS
RF Type:	Microprocessor controlled PLL synthesize transceiver
RF Power:	100mW standard, no license required meets FCC Part 15 requirements
Typical Range:	500 feet
Temperature Range:	—20 to 70 deg C (—18 to 160 deg F)
Security Codes:	standard 1 million +, field selectable or programmed at factory
Baud Rate:	250K baud
Enclosure Rating:	NEMA 4, IP 67 rating
Enclosure Material:	Molded nylon 6/6
Wiring:	16-20 gauge wire, with weatherproof connector
Power:	12-48 VDC. 1 Watt

Features

- Compatible with J1939 interfaces
- Compatible with most CAN Bus 2.0 interfaces
- Wide operating voltage, 12-48VDC
- LED lights for diagnostics and feed back
- Fast response time (< 20 msec)
- Safety range monitoring

Options

- Increases operator safety for boom applications, by providing operator isolation from power lines.
- Better suited for industrial application than fiber optic cables
- Ideal for quick change motor driven machine attachments, like those on excavators.
- Information is transmitted long distances and around any obstructions.
- It is easier to protect two smaller components than a long copper or fiber optic cable that is exposed..
- Reduced field service / maintenance costs.

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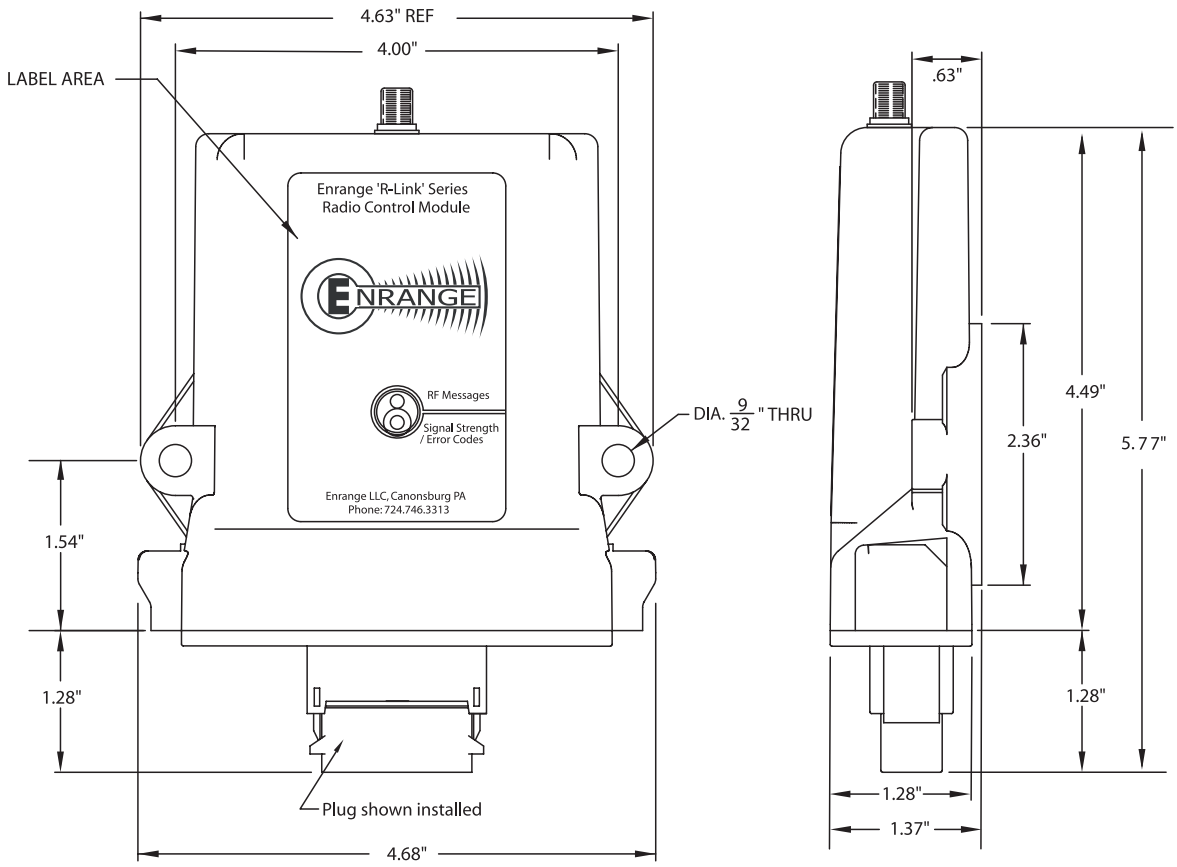

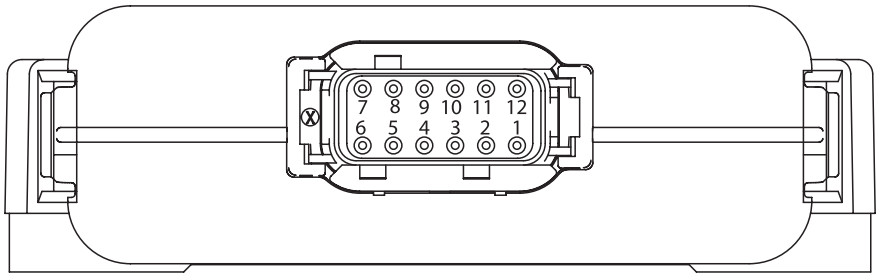

Receiver Pin Outputs

1 CANL
2 CANH
3
4
5
6 Common
7 VBAT (+12-48VDC)
8
9 Digital Out 1
10 Digital Out 2
11 Digital Out 3
12 Digital Out 4 (E-Stop)

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