

ENRANGE™ CAN-6

Wireless Controls



Magnetek's Enrange™ CAN-6 receiver makes adding remote control to any "CAN-bus" controlled machinery simple and easy. This receiver allows you to tap on to most CAN-bus systems supporting a variety of CAN protocols, including J1939, CANopen, and Parker ICP. 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 radio control systems. The CAN-6 has eight analog outputs, eight digital outputs and 2 CAN-bus ports. You never have to worry about interference with the choice of 400MHz, 900MHz, or 2.4GHz RF channels. CAN-6 is compatible with a variety of Magnetek's versatile transmitters, including XLTX™, Flex Pro, Flex EM, and MLTX2™.

FEATURES

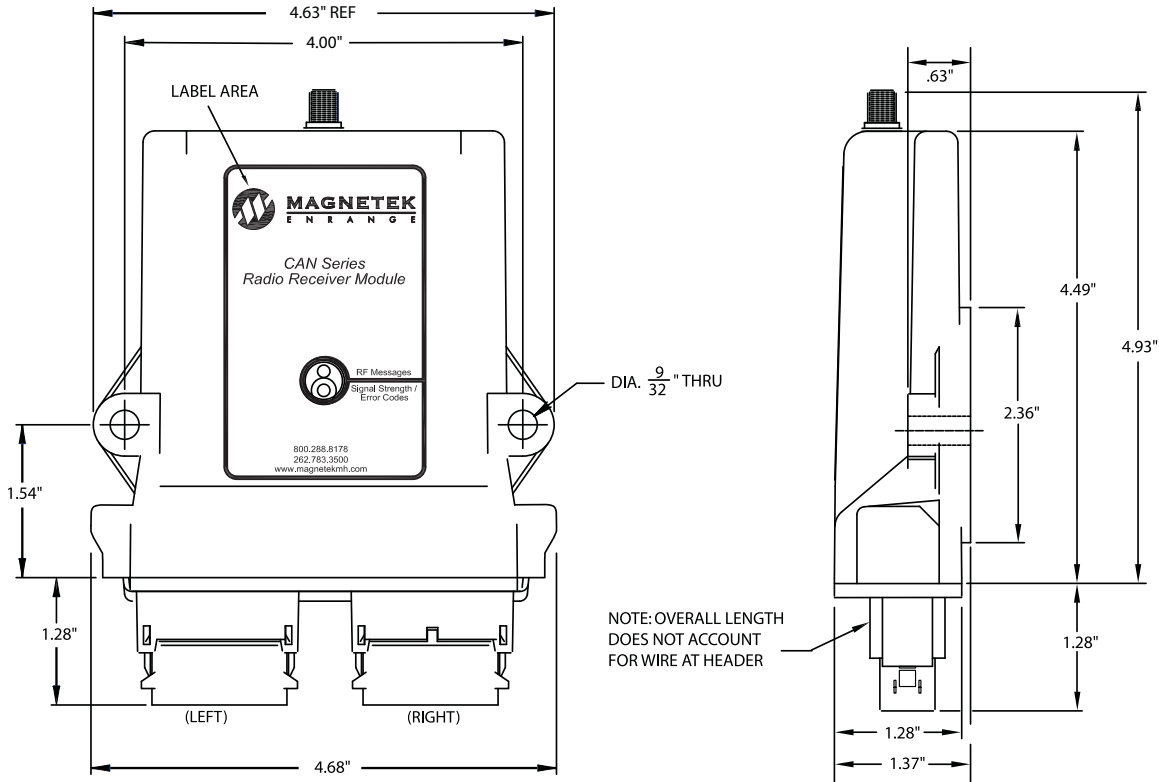
- Easily integrated into CAN based products and products with J1939 communications
- Can be connected with Parker MC2 IQAN units
- Compatible with devices that require an analog voltage input
- Designed for outdoor use
- Small, rugged compact design
- Requires no FCC site license

SPECIFICATIONS

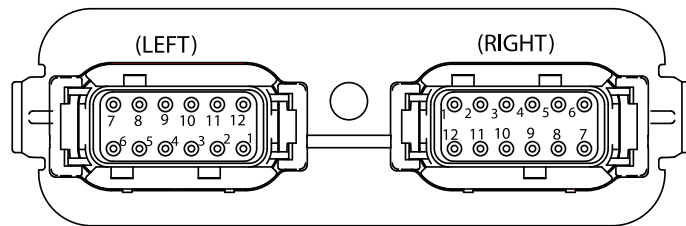
- Size: 5.7"L x 4.6"W x 1.4"D
- Mounting: (2) DIA. 9/32 holes
- Operating frequency: 900MHz, 400MHz or 2.4GHz bands
- Diagnostics: LED diagnostics or back to controller display
- Input Voltage: 12-24 Vdc
- Enclosure: Sealed to IP66 specification
- Material: Nylon 6/6
- Analog outputs: 8 (0-5 Vdc, 0-10 Vdc or 3-6-9 Vdc)
- Outputs: 8 digital (1 reserved for E-Stop)
- Rating: 2A @ 12 Vdc continuous
- Communication: CAN
- Temperature: -10 to 70 Celsius



MAGNETEK WIRELESS CONTROLS ARE MADE IN THE USA



TYPICAL RECEIVER LAYOUT



LEFT CONNECTOR CONNECTION DIAGRAM		
PIN	FUNCTION	DESCRIPTION
5	Output 1	Digital Output 1
8	Output 2	Digital Output 2
4	Output 3	Digital Output 3
9	Output 4	Digital Output 4
10	Output 5	Digital Output 5
3	Output 6	Digital Output 6
11	Output 7	Digital Output 7
12	Output 8	Reserved as radio E-stop
7	+VBatt	+12 to 24 VDC Power
6	-VBatt	Common
1	CANL	J1939 CANL
2	CANH	J1939 CANH

RIGHT CONNECTOR CONNECTION DIAGRAM		
PIN	FUNCTION	DESCRIPTION
6	Output 9	Analog Output 1 (0-10VDC)
5	Output 10	Analog Output 2 (0-10VDC)
3	Output 11	Analog Output 3 (0-10VDC)
4	Output 12	Analog Output 4 (0-10VDC)
10	Output 13	Analog Output 5 (0-10VDC)
11	Output 14	Analog Output 6 (0-10VDC)
2	Output 15	Analog Output 7 (0-10VDC)
9	Output 16	Analog Output 8 (0-10VDC)
7	CANL	J1939 CANL
8	CANH	J1939 CANH
1	+VBatt	+12 to 24 VDC
12	-VBatt	Common



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