

R–4-CAN CAN Compatible Receiver

With Connector, Cable, and Internal or External Antenna



Shown with optional tether connector and external antenna jack

OPERATION

CAN Output

SAE J1939 compatible. Consult factory for specific protocols, address and data rate information.

Programmable Logic

Receiver can be factory programmed to perform a wide range of logical functions and sequences.

Pushbutton/Tether Learn

Transmitter and receiver are "married" to permit operation of multiple radios in the same area without cross-control. Transmitters and receivers can be married in the field by pushing a button in the receiver or momentarily connecting the optional tether cable.

Safety Features

Receiver provides a "heartbeat" output 20 times per second. Controller should be programmed to monitor this output to detect fault conditions.

FEATURES

Reduced Wiring

CAN compatibility greatly reduces wiring by eliminating individual output connections.

Compact, Rugged Enclosure

Compact size is ideal for mounting in tight spaces. Environmentally sealed for harsh off-highway applications. IP66 rated enclosure and connector.

Affordable

Fully integrated receiver. No external modules required. Factory configured to interface with popular CAN controllers.

Flexible I/0

2 x J1939 CAN ports, 1 x RS485 port for tether control, and 2 x proportional outputs configurable for PWM, digital (bang/bang), ratiometric voltage, or 0-5vdc.

License Free

Pre-certified FCC - no license required.

External Antenna (Option)

Flexible antenna can be installed away from obstructions to improve range.

APPLICATIONS

- Remote process control
- Specialty off-highway equipment
- Crane control
- Sawmill machines
- Conveyors
- Earth compactors
- Rock crushers
- Robotics
- Wood chippers and grinders
- Winch systems

ORDERING INFORMATION

PART #	DESCRIPTION
RX4-CAN	Standard range CAN receiver
RE4-CAN	Extended range CAN receiver
RZ4-CAN	International CAN receiver

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SPECIFICATIONS

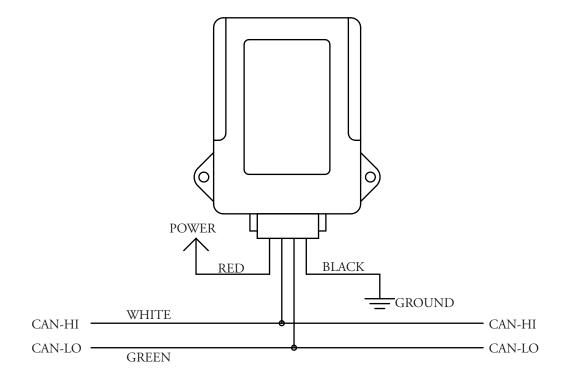
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General	Power Requirement	10 to 30vdc, 500mA max
	Fuses	Internal 1-amp self-resetting fuse
Radio	Frequency	902-928MHz, Unlicensed ISM band standard models
		2.4-2.4835GHz, Unlicensed ISM band international option
	Туре	Frequency hopping spread spectrum
	Frequency Control	Direct FM
	FCC id	OUR9XCITE: Standard range
		OUR9XTREAM: Extended range
		OURXBEE: International version
	Sensitivity	-104dBm
Receiver	RF Connector (option)	BNC
	Communication	CAN, SAE J1939; 2 ports
		RS485; Tether control
		Consult factory for available protocols and message specifics
	Field Wiring	12-pin DTM connector with 4-conductor, 6' pigtail cable
Enclosure		Nylon 6/6 black, IP66
		Approximate size: 5.24" L x 4.63"W x 1.48"D
Environmental	Storage	-40°C to 85°C
	Operating	-10°C to 60°C

POINT MAP

Address: 11 or 29 bits factory set - consult factory for specific requirements

Data Rate: 250kbps; update 20 times per second

WIRING



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