



R-4D 18 Channel Economy Digital Receiver

Bang-bang only with Connector, Cable and Internal or External Antenna



FEATURES

- **Simple to Set Up and Use**
Pre-wired cable harness with Deutsch DTM series connector. Factory programmed for your application. Wiring diagram included.
- **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. Outputs factory configured for your application.
- **License Free**
Pre-certified FCC - no license required.
- **External Antenna (Option)**
Flexible antenna can be installed away from obstructions to improve range.

APPLICATIONS

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

OPERATION

Radio Operation

18 factory installed bang-bang (on/off) outputs can directly drive a wide range of coils and other DC loads.

4 inputs are available for reading sensors or switches, and 4 of the outputs can be used as additional inputs.

Programmable Logic

Receiver can be factory programmed to perform a wide range of logical functions and sequences. Internal DIP switches can be factory programmed for user specified functions.

Pushbutton 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. This receiver does not offer support for tethered operation.

Safety Features

Receiver automatically detects when transmitter is out of range, and returns outputs to a safe condition. Monitored receiver electronics disables outputs on fault condition.

ORDERING INFORMATION

PART #	DESCRIPTION
RX4	Standard range 16 channel receiver
RE4	Extended range 16 channel receiver
RZ4	International 16 channel receiver
RU4	Microlink compatible 16 channel receiver

SPECIFICATIONS

General	Power Requirement	10 to 30vdc, 500mA nominal + power to loads
	Fuses	10-amp inline mini blade fuse. Outputs protected
Radio	Frequency	902-928MHz, Unlicensed ISM band standard models 2.4-2.4835GHz, Unlicensed ISM band international option RU4 (Microlink) option, 433.92MHz, Fixed frequency FM
	Type	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
	Output Types	Digital, on/off only
	Digital Outputs	Solid state relay, provides supply voltage up to 5-amp
Enclosure	Inputs	Up to 8 factory configurable
	Field Wiring	1 or 2, 12-pin DTM connector with 6' pigtail cable
		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