



T-4 Multi-Function Ergo Transmitter

Toggle Switches, Pushbuttons, and Potentiometers



OPERATION

Radio Operation

Models available with outdoor range of 1500 feet or more! Frequency hopping spread spectrum (FHSS) transceiver uses two-way communication for maximum reliability and safety. Operates on 902-928MHz (USA) or 2.4-2.4835GHz (International) unlicensed ISM band. No end-user license required.

Controls

Many combinations of toggle switches, pushbuttons, and LEDs possible to customize transmitter functions. Use the product configurator to specify functions and labeling. Every transmitter ships with custom engraved front panel and user specified controls.

Transmitter Matching

Transmitters are matched to a receiver by pressing the learn button on the receiver. Matching the transmitter to the receiver prevents cross communication in applications where multiple radios are in use. This feature also allows the transmitter to be replaced without changing the receiver.

Batteries

Operates from 4 standard "AA" cell batteries. Rechargeable types can also be used. Batteries are easily accessible.

FEATURES

■ Long-Range Reliability

Up to 1,500 feet+ range (line of sight). Monitored radio link keeps equipment under control.

■ Compact Size

Compact, ergonomic package is easily worn on arm or clipped to a belt.

■ Rugged Construction

Environmentally sealed for harsh DC mobile applications.

■ License Free

Pre-certified FCC - no license required.

■ Standard Batteries

Operates from standard "AA" cell alkaline or rechargeable batteries. No downtime waiting for specialty battery packs to charge.

APPLICATIONS

■ Blower trucks

■ Wood chippers and grinders

■ Crane control

■ Sawmill machines

■ Conveyors

■ Earth compactors

■ Rock crushers

■ Robotics

■ Remote process control

■ Winch systems

■ Specialty off-highway equipment

ORDERING INFORMATION

PART #	DESCRIPTION
TX4	Standard range ergo transmitter
TE4	Extended range ergo transmitter
TZ4	International ergo transmitter

SPECIFICATIONS

Transmitter

Frequency	902-928MHz, Unlicensed ISM band standard models 2.4-2.4835GHz, Unlicensed ISM band international option
Type	Frequency hopping spread spectrum
Frequency Control	Direct FM
FCC id	OUR9XCITE: Standard range OUR9XTREAM: Extended range OURXBEE: International version
Range (line of sight)	Standard range = 500 feet Extended range = 1500 feet International = 500 feet
RF Power Output	Standard range = 5mW Extended range = 100mW International = 60mW (100mW EIRP)
Battery Type	4 "AA" size alkaline or rechargeable
Battery Life (fully charged)	Standard range = Standby, 40 hrs; Transmit, 16 hrs Extended range = Standby, 10 hrs; Transmit, 4 hrs International = Standby, 8 hrs; Transmit, 5 hrs
Controls	User specified toggles, pushbuttons, or potentiometers
Led Indicator	Flashing = normal; Double blink = battery low
Ergo arm/waist pack	High-impact polystyrene, UL94HB Approximate size: 6" L x 4"W x 2"D
Sealing	IP54
Storage	-40°C to 85°C
Operating	-10°C to 60°C

Enclosure

Environmental



Optional belt clip.



Optional external antenna
for added range.