



T-2 Multi-Function Compact Console Transmitter

Fully Customizable Controls



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

Compact transmitter can be configured with toggle switches, potentiometers, micro-joysticks and slider modules, and even an LCD display. Use the product configurator to specify functions and labeling. Every transmitter ships with custom engraved front panel.

Transmitter Matching

Transmitters are matched to a receiver by pressing the learn button on the receiver, or momentarily connecting the transmitter to the receiver using the tether cable (if equipped.) 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.

ORDERING INFORMATION

PART #	DESCRIPTION
TX2	Standard range compact console transmitter
TE2	Extended range compact console transmitter
TZ2	International compact console transmitter

FEATURES

Long-Range Reliability

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

Customizable

Transmitter is available with toggle switches, potentiometers, miniature joysticks and sliders, and LCD display. Choose the ideal combination of controls for your application.

Rugged and Compact

Compact size for handheld operation. Includes waist and neck straps for added comfort. Environmentally sealed for harsh DC mobile applications.

Tether (Option)

Tether cable allows transmitter to operate without batteries. Also allows transmitter to "learn" receiver address.

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

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

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, 3 hrs
Controls	User specified toggles, potentiometers, mini-joystick/sliders, LCD
Led Indicator	Flashing = normal; Double blink = battery low

Enclosure

Compact Console	High-impact ABS Approximate size: 7" L x 3-1/2"W x 4-1/4"D including rails
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Environmental

Sealing	IP65
Storage	-40°C to 85°C
Operating	-10°C to 60°C



Compact console includes waist and neck straps.



Sealed battery compartment is easily accessible.

