

ORIGA T50 Data Sheet

Hand-Held 4-Function Radio Remote Control



The OMNEX ORIGA T50 transmitter is a configurable, license-free radio remote control. Designed for digital ON/OFF applications for a variety of available configurations, the remote control can be designed with 1 - 4 buttons. Custom labeling of the T50 gives the user the ability to design the button configuration to meet their needs. Using OMNEX's Trusted Frequency Hopping Spread Spectrum technology, this remote delivers superior performance and reliability under the toughest conditions. Developed with operator safety and ease of use in mind, the ORIGA T50 fits comfortably in your hand, hangs from a strap or fits in your pocket.

Remote Control Solutions

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OMNEX Radio Remote Control is:

Safe, Accurate & Reliable

Customizable

Global & License Free

Interference Free (FHSS)

Maintenance Free

OMNEX will save you money by:

Increasing Operator Productivity

Reducing Unnecessary Manpower

Eliminating Pendants and Wiring

Increasing Machine Revenues

FEATURES

- One to four function controls
- Unique ID code for each transmitter/receiver pair
- 800 ft. range at 900 MHz (600 ft. @ 2.4 GHz)
- 2.4GHz radio available for Global applications
- 160 hours on 4AA alkaline batteries
- Factory configurable for custom applications

APPLICATIONS

- Pumps • Tow Trucks • Winches
- Cable Reels • Marine • Locks/Gates
- Lifts • ON/OFF - Start/Stop Applications

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Operator Keys	1-4 functions
Indicators & Diagnostics	ACTIVE and LOW BATTERY LED Status Indicators
Security	Factory programmed with unique ID code. CRC-16 error detection
Input Power	4AA (alkaline) batteries
Battery Life	160 hours (continuous use)
Operating Temperature Range	-40 °F to 158 °F (-40 °C to 70 °C)
Size	5.1" x 2.9" x 1.4" (130mm x 74mm x 35mm)
Weight	.65lbs (295g)
Construction	High impact, low temperature plastic, weatherproof, UL 94, 746A, C, D, IEC 60695-2-20
Frequency	902 to 928MHz - ISM band 2.4 - 2.483GHz - ISM band
Antenna	Internal
Approvals / Certificates	USA - FCC Part 15.247 Canada - ISC RSS 210 RF Approval EN 300 - 440

Options



T50-1



T50-2



T50-3



T50-4

1-4 button versions available

Specifications subject to change without notice

The T50 will work with the following receivers:

- R100 - 8 I/O
- R130 - 4 I/O
- R160 - 19 I/O
- R170 - CANbus (J1939)



Accessories



All-weather Pouch

Belt Clip