

ORIGA T150 Data Sheet

Portable 14-Function Radio Remote Control



The ORIGA T150 transmitter is a hand-held, user friendly radio remote control that comes with a Hall Effect proportional trigger designed for smooth operation. Weatherproof and lightweight, the ORIGA T150 can be configured to include a resettable E-Stop switch. The T150 uses OMNEX's Trusted Frequency Hopping Spread Spectrum technology to provide reliable performance even in the harshest environments.

Remote Control Solutions

www.omnexcontrols.com | sales@omnexcontrols.com

ORIGA T150 1.1

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 proportional control - Hall Effect trigger
- 14 function controls, two proportional triggers
- 1200 ft. range at 900 MHz (900 ft. @ 2.4 GHz)
- 2.4GHz radio available for Global applications
- E-Stop
- Factory configurable for custom applications

APPLICATIONS

- Truck Mounted Cranes • Tow Trucks
- Winches • Vacuum Trucks • Service Cranes • Mixer Trucks • Material Handling Equipment • Marine

ORIGA T150 Data Sheet

Portable 14-function Radio Remote Control

Options

Operator Keys	14 functions + E-Stop One proportional trigger
E-Stop	Switch conforms to EN 609 47-5-1 Monitored for Integrity
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	7.9" x 4.2" x 4.1" (200mm x 125mm x 105mm)
Weight	1.8lbs (817g)
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 European Union - CE (#3059) Australia - C-Tick RF Approval EN 300 - 440

HV Proximity Tested to 350kV

Specifications subject to change without notice

The T150 will work with the following receivers:

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

Expansion Modules:

- D160 - 19 I/O
- D180 - 14 proportional outputs



4 switch - 8 digital outputs + optional proportional trigger



5 switch - 10 digital outputs + optional proportional trigger



7 switch - 14 digital outputs + optional proportional trigger



5 switch - 10 digital outputs + proportional dial + optional proportional trigger

Accessories

Magnet



Pendant Cable



Trigger Guard