

ORIGA T300 Data Sheet

Portable 31-Function Radio Remote Control



The ORIGA T300 is an easy to use weatherproof transmitter with up to 16 proportional functions and 15 digital functions. The T300 can accommodate eight single axis paddles or four dual axis joysticks; and up to eight three-position switches and a re-settable E-Stop, giving the user a wide variety of customizable configurations to choose from. A unique ID code is used by each T300 to ensure that no two systems will conflict on a job site and the incorporation of OMNEX's Trusted Frequency Hopping Spread Spectrum technology ensures that the T300 will provide reliable performance even in the harshest environments

Remote Control Solutions

www.omnexcontrols.com | sales@omnexcontrols.com

ORIGA T300 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

- 16 proportional functions
- 15 digital functions
- 500 hours on one set of 4 C batteries
- 1200 ft. range at 900 MHz (900 ft. @ 2.4 GHz)
- 2.4GHz radio available for Global applications
- Rugged and weatherproof
- Self-Diagnostics

APPLICATIONS

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

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Options



As shown:
 6 switch - 11 digital functions +
 2 paddles - 4 proportional functions
 2 joysticks - 8 proportional functions

T300 transmitters may have:

- 1-8 switches
- 1-8 paddles
- 1-4 joysticks
- or a combination of switches, joysticks and paddles

Operator Keys	31 functions + E-Stop Up to eight proportional paddles
E-Stop	Switch conform to EN 609 47-5-1 Monitored for Integrity
Indicators & Diagnostics	BATTERY/PENDANT, ACTIVE LED & E-STOP LED Status Indicators
Security	Factory programmed with unique ID code. CRC-16 error detection
Input Power	4C (alkaline) batteries
Battery Life	500 hours
Operating Temperature Range	-40 °F to 158 °F (-40 °C to 70 °C)
Size	9.5" x 6.0" x 5.0" (240mm x 152mm x 127mm)
Weight (with batteries)	3.5lbs (1.6kg)
Construction	High impact, low temperature plastic, weatherproof, UL 94, 746A, C, D,
Frequency	902 to 928MHz - ISM band 2.4 - 2.483GHz
Antenna	Internal
Approvals / Certificates	USA - FCC Part 15.247 Canada - ISC RSS 210

Specifications subject to change without notice

The T300 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

Accessories



Shoulder Strap



Pendant Cable