



OMNEX
TRUSTED WIRELESS

OMNEX Control Systems Inc.
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ORIGA T100 Data Sheet

Hand-Held 8 (16)-Function Radio Remote Control



The OMNEX ORIGA T100 transmitter is a configurable, global, license-free radio remote control. Using OMNEX's Trusted Frequency Hopping Spread Spectrum technology, this remote delivers superior performance and reliability under the toughest conditions. The only maintenance item on this remote is the battery! The high impact plastic exterior allows the T100 to survive in the most rugged environments. Developed with operator safety and ease of use in mind, the ORIGA T100 fits comfortably in your hand, hangs from a lanyard or fits in your pocket.

Remote Control Solutions

www.omnexcontrols.com | sales@omnexcontrols.com

ORIGA T100 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

- Eight function controls (16 with SHIFT)
- Unique ID code for each transmitter/receiver pair
- 160 hours on 4AA alkaline batteries
- 1200 ft. range at 900 MHz (900 ft. @ 2.4 GHz)
- 2.4GHz radio available for Global applications
- Self-Diagnostics
- Factory configurable for custom applications

APPLICATIONS

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



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Hand-Held 8 (16)-Function Radio Remote Control

Operator Keys	Power ON/OFF 8 function keys
Indicators & Diagnostics	BATTERY & ACTIVE 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	5.8" x 3.4" x 1.2" (147mm x 86mm x 30mm)
Weight (with batteries)	.65lbs (295g)
Construction	High impact, low temperature plastic, weatherproof, UL 94, 746A, C, D, IEC 60696-2-20
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 (#0359) Australia - C-Tick RF Approval EN 300 440
HV Proximity	Tested to 350kV

Specifications subject to change without notice

The T100 will work with the following receivers:

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



Options



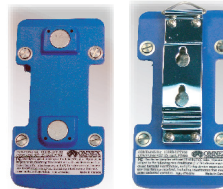
2 button version



4 button version



6 button version



Optional magnet or belt clip back

Accessories



Dash Cradle



All Weather Pouch