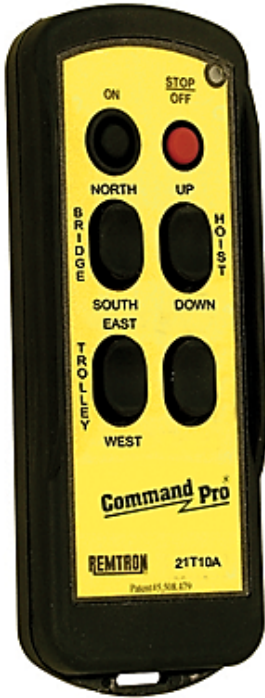


21T10A Handheld Transmitter



The Laird Remtron 21T10A handheld transmitter is well suited for general purpose, rugged, industrial applications where a few functions are needed in a heavy duty remote control. This product series is microprocessor-based, license exempt and features very long battery life.

Common with all Remtron solutions, this unit is designed for heavy industrial applications such as cranes, hoists, conveyors, pumps, gates, doors lights, and machine stops.

Remtron solutions are specifically designed to handle critical industrial and construction tasks using the 900 MHz frequency band for reliable connectivity. The safety features include secure unique addressing and Cyclic Redundancy Code for positive command verification. Fail-Safe monitoring protects against loss or corruption of RF signal and equipment errors.

FEATURES

- Low power consumption for long battery life – typically one to two months use on AA batteries
- Internal antenna prevents breakage
- LED provides transmitter and battery status
- Rugged case, made from advanced composites, holds up under tough industrial demands
- Includes leather holster for added protection
- Ergonomic rocker switches with tactile-feedback
- Optional UL 913 rating for classified environments
- Up to four discrete rockers
- IP 66/67 design (waterproof/dustproof)

TECHNICAL DATA AND SPECIFICATIONS

RF

Frequency range	902-928 MHz
Transmission speed	1mW license exempt
Transmitter output power	Packet Mode, FM
Modulation	Packet Mode, FM
RF Channel Spacing	85 Channels 300 KHz
Antenna	Internal circuit board

ELECTRONIC DATA

Commands	Two Speed Rockers
Digital circuitry	Microprocessor based
System addresses	16-bit, 65,535 unique addresses)
Energy-saving mode	Variable transmission rate for fast response to change.
Supply voltage	Two AA Batteries
Autonomy	>150 hours typical

OPERATION AND INDICATION

Actuator Layout	Ergonomic and protected switch elements.
Control elements (typical)	Four dual-speed rocker switches, start, stop
Configuration	Easy to program via RAC16 programmer
LED	For status indication

MECHANICAL DATA

Weight	9 oz. (0.255 kg)
Dimension L x W x H	6.99 cm x 16.51 x 2.54 cm (2.75" x 6.5" x 1.0")
Housing material	Remtron custom high impact fiber reinforced nylon
Housing protection rating	IP 66/67 design (waterproof/dustproof)
Operating temperature	-29° to +71° C (-20° to +160° F)
Vibration and shock	Very rugged design for tough industrial use

STANDARDS

Safety	UL508
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ACCESSORIES

Batteries	2 standard AA
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