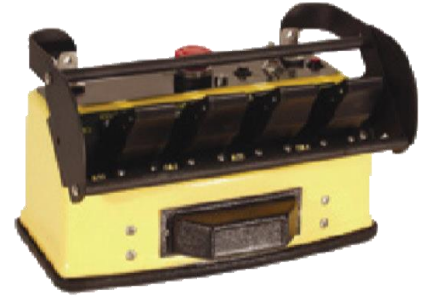


# Remtron™

## 21T44 LEVER-STYLE CONTROLLER



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### HIGHLIGHTS

The Remtron 21T44 controller is well suited for standard crane applications needing a rugged controller. The 21T44 is microprocessor controlled and when paired with a Remtron MCU can be programmed to perform a multitude of tasks involving logic, momentary and latched relay functions.

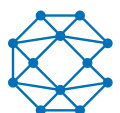
Like the full suite of Remtron solutions, this unit is designed for a wide range of industrial applications including cranes, hoists and other machinery.

Remtron products are specifically designed to handle critical tasks using the license exempt 915MHz frequency band for simple and reliable connectivity. Communication is protected by 16bit Addressing and 16bit Cyclic Redundancy Code for positive command verification, precise control time outs to protect against loss of signal.

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### FEATURES

- Up to 40 functions
- On/Alarm and Off/Stop buttons
- Up to 4 Stepless Single Axis Levers
- Up to 8 Toggle Switches
- Optional Multiplex Selector or Key Switch
- LED for self-test and battery status
- Optional 'Push To Operate' bar.





## TECHNICAL DATA AND SPECIFICATIONS

### RADIO SPECIFICATIONS

Frequency Range	902-928 MHz
Transmit Power	1mW license exempt
Modulation	Packet Mode, FM
RF Channel / Spacing	85 Channels / 300 KHz
Antenna	External front Mounted

### ELECTRONIC DATA

Digital circuitry	Microprocessor based.
System addresses	16-bit, (65,535 unique addresses )
Data Protection	16-bit CRC
Energy-saving mode	Variable transmission rate for fast response to change.
Supply voltage	3, 6 or 9, AA Batteries
Battery Life	Up to 350 hours.

### OPERATION AND INDICATION

Actuators	Up to Four Levers plus up to Six Auxiliary, Alarm, Stop and A-B Select.
Layout	Ergonomic and protected switch elements.
Configuration	Frequency, Address and OCU Timeout are easy to program via RAC16 programmer.
LED	For status indication

### MECHANICAL DATA

Weight (approx.)	4.0 lbs. (1.8 kg)
Dimensions L x W x H	12.7 cm x 25.4 cm x 17.8 cm (5"x 10"x 7")
Housing material	Vacuum molded polymeric
Housing rating	IP 54 HumiSeal-Electronics
Operating temperature	-29° to +71° C (-20° to +160° F)
Vibration and shock	Very rugged design for tough industrial use
Humidity	0-97% non-condensing

### STANDARDS

Safety	UL508
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9A06-R-T44-A001



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