

Remtron™

21T54 LEVER-STYLE CONTROLLER



HIGHLIGHTS

The Remtron 21T54 controller is well suited for standard and custom crane applications needing a rugged controller. The 21T54 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 915 MHz frequency band for simple and reliable connectivity. Communication is protected by 16 bit Addressing and 16 bit Cyclic Redundancy Code for positive command verification, precise control time outs to protect against loss of signal.

FEATURES

- Up to 40 functions
- On/Alarm and Off/Stop buttons
- Up to 4 stepless single axis Levers or 2 two-axis joysticks
- Up to 24 toggle switches
- Optional multiplex selector or key switch
- LED for self-test and battery status





TECHNICAL DATA AND SPECIFICATIONS

RADIO SPECIFICATIONS

Frequency Range	902-928 MHz
Transmit Power	1mW license exempt
Modulation	Packet Mode, FM
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 or up to 24 toggle switches, auxiliary, alarm, and stop.
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 33 cm x 20.3 cm (5"x 13"x 8")
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
--------	-------

North America: +1.234.806.0018 | Sales.US@Cattron.com
 Europe: +49.2151.4795.0 | Sales.EU@Cattron.com
 UK: +44.1932.238121 | Sales.UK@Cattron.com
 South America: +55.19.3518.7030 | Sales.BR@Cattron.com
 Asia: Sales.CN@Cattron.com

cattron.com

9A06-R-T34-A001



Any information furnished by Cattron™ and its agents is believed to be accurate and reliable. All specifications are subject to change without notice. Responsibility for the use and application of Cattron products rests with the end user since Cattron and its agents cannot be aware of all potential uses. Cattron makes no warranties as to non-infringement nor as to the fitness, merchantability, or sustainability of any Cattron products for any specific or general uses. Cattron Holdings, Inc., or any of its affiliates or agents shall not be liable for incidental or consequential damages of any kind. All Cattron products are sold pursuant to the Terms and Conditions of Sale, a copy of which will be furnished upon request. When used as a tradename herein, Cattron means Cattron Holdings, Inc. or one or more subsidiaries of Cattron Holdings, Inc. Cattron™, corresponding logos, and other marks are trademarks or registered trademarks of Cattron Holdings, Inc. Other marks may be the property of third parties. Nothing herein provides a license under any Cattron or any third party intellectual property right.