



T34C

Built to withstand the harshest conditions!

T34C Controller

Innovative and rugged engineering give the T34C a unique shape and style that provides the equipment operator with a controller that is extremely durable, convenient, and easy to operate. This extremely lightweight 'Belly Box' style controller is ideal for indoor (and limited outdoor) crane remote control applications in most industrial environments. The T34C can be used with most Cattron® licensed AT Series or MP Series receiver/decoder units as well as most existing systems as either a replacement or spare controller.

Operation/ Safety

When the operator first turns the power switch on, a sophisticated self-test routine monitors the motor function switches to detect a broken wire or a defective switch. All motor function switches are tested for neutrality and a small speaker beeps when the test is complete. If a motor function switch failure occurs, it is recognized as a problem and "locked out" from any further input. A special message is sent to the receiver/decoder to advise maintenance personnel of the problem.

Durable Construction

One of the more distinctive features of the Cattron® brand T34C is the unique design of its control levers. Machined from aircraft quality 6061 billet aluminum, the handle for each lever is a different geometric shape making it easier for the operator to distinguish between control levers without looking down. The controller is constructed with advanced microcomputer electronics employing surface mount technology and employs Cattron's® standoff Self-Diagnostics (lever/switch test with audible tones) that users have come to rely on. The main housing incorporates a guard bar which protects the switches against physical damage. The T34C controllers have room for up to six control levers and can be customized with additional push buttons and toggle switches.

Power Source

The Cattron® brand T34C uses readily available standard AA alkaline or NiMH rechargeable batteries. In normal operation, a green LED blinks with each function command message. For added safety and improved performance, the operating voltage is regulated over the entire battery life, insuring constant range and reliable operation. Whether you choose disposable or rechargeable batteries, changing the battery is easy - simply open the gasketed battery cover, drop the battery in place and close. There are no wires or connectors to insert into any battery.

Features:

- Use with most Cattron® brand AT or MP Series System
- Customized layout with custom-engraved nameplates
- Rugged design for use in harsh environments
- Two stage LED battery indicator with audible beep
- Power-on self-diagnostics
- Long battery life



Case Material:	Epoxy powder coated aircraft-quality 5052 Aluminum
Weight:	3-4 Lever unit(RCT834ACT) - approx. 4.5 lbs. (2.04 Kgs), including batteries 5-6 Lever unit(RCT836ACT) - approx. 5.5 lbs. (2.5 Kgs), including batteries
Dimensions:	3-4 Lever unit(RCT834ACT) - Height: 7.5" (19cm) Depth: 6.7" (17cm) Width: 10.6" (27cm) 5-6 Lever unit(RCT836ACT) - Height: 7.5" (19cm) Depth: 6.7" (17cm) Width: 15.4" (39cm)
Environmental:	-4° F to +140° F (-20° C to +60° C), RH 0 to 95%, Non-condensing
Switch Types:	Spring Return to Center Toggle, Maintained Toggled, Momentary Push Button, Rotary Select
Lever Switch:	11-position, spring return-to-center with 5 detents either side of center
Lever Style:	Wide-spaced levers with geometrically shaped lever knobs standard
Number of Motors:	3 (3-Lever), 4 (4-Lever), 5 (5-Lever), 6 (6-Lever)
Additional Functions:	Contact factory or sales representative for details
Aux Functions:	Up to 15 digital ON/OFF
Push to Operate(PTO) bar:	Standard
Lever Guard Bar:	Standard - extends from both sides across the front above the levers
Labeling:	Laser engraved plastic, multi-layer, large text
Keylock Switch:	Optional (Power ON/OFF)
Antenna:	Internal
Low Bat. Indicator:	2 Color LED: Green- Battery Normal ; Red - Battery Low
Conformal Coating:	Standard on PC board
Transmitter Freq:	447-473 MHz synthesized 12.5 KHz channel spacing
Power Output:	Typically 10 mW (licensed or non-licensed)
Synthesized Channels:	16 Max (factory programmed)
Modulation:	FM, Digital
Approvals:	USA FCC Part 90, USA FCC Part 15, Industry Canada RSS-119 Type Approval
Addresses:	Up to 127
Operating Range:	Greater than 300 ft. line of sight
Continuous Battery:	Alkaline - Typically 100 hrs. ; NiMh - Typically 65 hrs.
Operating Hours:	Results vary based upon customer specific operations, battery manufacturer & ambient temp.



*Specifications are subject to change or revision without notice. Consult the factory for verification.



www.cattrongroup.com

Cattron Group International World Headquarters (Sharpsville, PA, USA)
ISO 9001: 2000 Registered Tel: (+1) 724-962-3571 mail@cattron.com

Cattron Group International (Escondido, CA)
Tel: (+1) 760-737-7800 mail@cattron.com

Cattron-Theimeg Canada Ltd. (Georgetown, ON)
ISO 9001:2000 Registered Tel: (+1) 905-873-9440 salescdn@cattron.com

Cattron-Theimeg UK Ltd. (Walton-on-Thames, UK)
BSEN/9001:2000 Registered Tel: +44(0)1932-247 511 sales@cattronuk.com

Cattron-Theimeg Americas Ltda. (São Paulo, Brazil)
Tel: (55) 19-3243-7803 cattronamericas@cattron.com

Cattron-Theimeg Europe GmbH & Co. (Mönchenglabach, Germany)
ISO 9001:2000 Registered Tel: (49) 2161 6363-0 info@theimeg.de

Cattron-Theimeg Africa (PTY) Ltd. (Johannesburg, South Africa)
Tel: (27) 11-425-1123 imitchell@cattron-theimeg.com

