

excalibur

CATTRON CONTROL™

Light-weight ergonomic radio remote control transmitter with advanced dual-processor electronics for use on cranes, lifting equipment and machines.

- High safety category for industrial applications
- Approval and frequencies for worldwide deployment
- Dual-step pushbuttons with excellent tactile feedback
- Pushbuttons rated at greater than 1 million cycles
- System configuration via electronic TransKey
- Compatible with multiple receivers



10/12
Pushbuttons

compatible to receiver	Ct24-RX/09	Ct24-RX/12	Ct24-RX/17
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

CATTRON
theimeg™

Industrial Radio Remote Controls

- Sets standards in terms of ergonomics, operational safety and flexibility
- Capable of being used worldwide thanks to its versatile configuration options
- One-piece elastic mat with integrated pushbuttons and shock protection
- Impact-resistant plastic housing
- Sophisticated safety and servicing concept
- Error memory for the maintenance staff
- Customer-specific applications configured via a transponder key (TransKey)
- 3 different receivers available depending on the number of required output commands
- Applications from simple hoists, machine or gate control through to large overhead travelling cranes with 2 trolleys and/or additional functions such as grabber, magnet etc.
- Tandem and dual-transmitter (request & release) operation
- Adjustable auto-off time

TECHNICAL DATA AND SPECIFICATIONS OF THE EXCALIBUR HAND-HELD TRANSMITTER CT24-ET/10 AND CT24-ET/12

RF	
Frequency ranges:	402-470 MHz 869 MHz 903 - 927 MHz
Transmission speed:	4.8 to 20 kbit/s
Transmission output:	< 10 mW (within the allowable limits)
Receiver sensitivity:	-107 dBm
Antenna:	internal

Electronics	
Digital electronics:	Dual-processor technology
System addresses:	24 Bit = 16 million addresses
Energy-saving mode:	Automatic shutdown (configurable: 0 - 30 minutes)
Power supply:	Quick-replacement battery, NiMH, 3.6 V / 1600 mAh Battery life > 12 hours with 100% uninterrupted use

Norms and Standards	
IP protection class:	IP 65
Safety standard:	EN 954-1 Category 3

Operation and Indication	
Operating elements CT24-ET/10	10 pushbuttons (2-step)
Operating elements CT24-ET/12	12 pushbuttons (2-step)
TransKey	System configuration, addressing and channel setting
Display:	5 Multi-LEDs for status display
Acoustic output:	low voltage indication

Physical Data	
Weight:	approx. 350 g
Dimensions:	235 x 64 x 39 mm (L x W x H)
Housing:	SB plastic, standard colour silver/red, integrated fall protection
Operating temperature	-20° to +60° C

Accessories	
Batteries:	2 x quick-replacement batteries, NiMH, 3.6 V / 1600 mAh
Battery charger:	Processor-controlled charger, incl. adapter with primary-side switch- over system for international use 100 - 240VAC, 50 - 60Hz
Labelling:	Self-adhesive marking labels

USA
Cattron-Theimeg International Inc.
58 West Shenango Street
US Sharpsville, Pennsylvania 16150
Phone: +1-724-962-3571
Fax: +1-724-962-4310
mail@cattron-theimeg.com

SOUTH-AFRICA
Cattron-Theimeg Africa (Pty.) Ltd.
24 O'Reilly Merry Road
ZA 1518 Rynfield
Benoni, Gauteng
Phone: +27-11-425-1123
Fax: +27-11-849-5717
cattron@cattronsa.com

CANADA
Cattron-Theimeg Canada Ltd.
150 Armstrong Avenue, Units 5 - 6
CA Georgetown, Ontario L7G 5G8
Phone: +1-905-873-9440
Fax: +1-905-873-9449
salescdn@cattron-theimeg.com

BRAZIL
Cattron-Theimeg Américas Ltda.
Rua Antonio Rodrigues de Carvalho 435
BR Campinas
SP CEP 13033-220
Phone: +55-19-3243-7803
Fax: +55-19-3243-9258
cattronamericas@cattron-theimeg.com

EUROPE
Cattron-Theimeg Europe GmbH & Co. KG
Krefelder Straße 423-425
DE 41066 Mönchengladbach
Phone: +49-2161-6363-0
Fax: +49-2161-6363-100
info@theimeg.de

GREAT BRITAIN
Cattron-Theimeg UK Ltd.
Riverdene Industrial Estate, Molesey Road
GB Hersham
Surrey KT12 4RY
Phone: +44-1932-247511
Fax: +44-1932-220937
sales@cattronuk.com