

# 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



**6/8**

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 versatile configuration options
- One-piece elastic mat with integrated push-buttons and shock protection
- Impact-resistant plastic housing
- Sophisticated safety and servicing concept
- Customer-specific applications configured via a contactless transponder key (TransKey)
- 3 different receiver sizes available depending on the required number of output commands
- Applications from chain hoist, machine control or gate control through to overhead travelling cranes
- Tandem and Dual-Transmitter (Request/Release) operation
- Adjustable auto-off time

## TECHNICAL DATA AND SPECIFICATIONS OF THE EXCALIBUR HAND-HELD TRANSMITTER CT24-ET/06 AND CT24-ET/08

### 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 for all safety related functions EN 13849-1 Performance Level d

### Operation and Indication

Operating elements CT24-ET/06	6 pushbuttons (2-step)
Operating elements CT24-ET/08	8 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. 290 g
Dimensions:	180 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

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