

Excalibur™

CATTRONCONTROL™



COMPACT, ERGONOMIC AND LIGHTWEIGHT PUSHBUTTON CONTROL UNITS FOR CRANES, LIFTING EQUIPMENT AND A DIVERSE RANGE OF MACHINES

HIGHLIGHTS

- Compatible with all CT24, CCM12 and MMCU4 machine control units
- Positive two-step pushbuttons
- Lightweight, ergonomic and robust
- System configuration via a secure wireless (RFID) Transkey™ for simple spares management

FEATURES

- Used for the control of cranes and machines with digital or two-step control of analog drive systems
- LEDs for status and feedback
- High safety level through redundant hardware and software architecture
- Approvals and frequencies for worldwide deployment
- IP65 housing made of impact-resistant polymer and rubber for tough indoor or outdoor environments
- Control up to five dual-step drives, plus on/off, Stop and (optional) electronic A+B select, with the 12-button unit
- Customer-specific layout and label options
- Tandem and multi-transmitter and/or receiver operation

MODELS

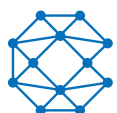
FOUR VARIATIONS IN 2 HOUSING SIZES:
6, 8, 10 or 12 pushbutton configurations

APPLICATIONS

- Overhead Cranes
- Machine Control
- Safety Systems
- Ship Loaders Metal Fabrication
- Amusement Parks
- Lifting Equipment

COMPLIANCE

- EN 13849-1 Category 3 PL d
- EN 60204-1
- EN 60204-32
- CE Compliant





TECHNICAL DATA AND SPECIFICATIONS

ELECTRONIC DATA

Commands	Up to 5 dual-step drives, horn, Stop and optional electronic A/B select switch
Digital Circuitry Technology	Dual-processor
System Address	24 bits =16 million addresses
Energy-Saving Mode	Automatic shutdown (configurable 0-30 minutes)
Battery	Rechargeable, NiMH 3.6 V / 1500 mAh
Battery Life	> 12 h at 100% continuous use

RF

Frequency Range	335 MHz 406–419 MHz 433–434 MHz 447–473 MHz 869 MHz 902–927 MHz Other frequencies possible
Regulatory	Licensed and unlicensed bands available
Transmitter Output Power	1 – 10 mW
RF Channel Spacing	12.5 kHz; 25 kHz and others
Antenna	Internal

MECHANICAL DATA

Dimension and Weight	6 and 8 push buttons approx. 290 g (0.64 lbs) 180 x 64 x 39 mm (7.1" x 2.5" x 1.5")
Housing	10 and 12 push buttons approx. 350 g (0.77 lbs) 235 x 64 x 39 mm (9.2" x 2.5" x 1.5")
Operating Temperature	Material: High impact polymer and rubber Protection: IP65, suitable for outdoor use
Vibration and Shock	-20° to +60° C (-4° to 140° F)
	Vibration/impact and drop tested to 1m on concrete

OPERATION AND INDICATION

Control Elements	6, 8, 10 or 12 push buttons (2-step)
TransKey	System configuration, address and RF channel setting
Status	Up to 5 multi-function LEDs for status and feedback

ACCESSORIES

Batteries	2 rechargeable batteries, NiMH 3.6 V / 1500 mAh
Battery Charger	Processor-controlled charger incl. adapter cradle, changing system on the primary side for international use 100-240 VAC, 50-60 Hz
Labeling	Self-adhesive marking labels

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