

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

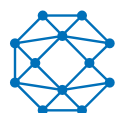
FOUR VARIATIONS IN 2 HOUSING SIZES:
6, 8, 10 or 12 pushbutton configurations

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
Operating Temperature	-20° to +70° C (-4° to 158° F)

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")
	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")
Housing	Material: High impact polymer and rubber Protection: IP65, suitable for outdoor use
Vibration and Shock	Vibration/impact and drop tested to 1m on concrete

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; verify local availability.
Transmitter Output Power	1 – 100mW; frequency and location restrictions apply.
RF Security	Black Channel
Antenna	Internal

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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