

Excalibur

CattronControl™



COMPACT, ERGONOMIC AND LIGHTWEIGHT COMPACT KEYPAD CONTROL UNIT FOR CRANES, LIFTING EQUIPMENT AND A DIVERSE RANGE OF MACHINES

HIGHLIGHTS

- Compatible with a number of machine control units featuring various interface options
- Lightweight and ergonomic
- System configuration via a secure wireless (RFID) Transkey for simplification of spares management

FEATURES

- Used for the control of cranes and machines with digital or 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 with the 12 two-step push buttons, plus on/off, E-Stop and (optional) electronic A+B Select
- 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
- Heavy Machinery
- 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, **E-stop** and optional electronic A/B select switch

Digital circuitry Dual-processor technology

System addresses 24 bits = 16 million addresses

Energy-saving mode Automatic shutdown (configurable 0-30 minutes)

Supply voltage Rechargeable battery, NiMH 3.6 V / 1500 mAh

Autonomy > 12 h at 100% uninterrupted use

RF

Frequency range 335 MHz
406-419 MHz
433-434 MHz
447-473 MHz
869 MHz
902-927 MHz
Other frequencies onrequest

Transmission speed 4.8 to 20 kbit/s

Transmitter output power 1 – 10 mW with various modules (within permitted limits)

Modulation FM

RF channel spacing 12.5 kHz; 25 kHz and others

Antenna Internal

MECHANICAL DATA

Dimension and Weight 6 or 8 push buttons
approx. 290 g (0.64 lbs)
180 x 64 x 39 mm
(7.09" x 2.52" x 1.54")

10 or 12 push buttons
approx. 350 g (0.77 lbs)
235 x 64 x 39 mm
(9.25" x 2.52" x 1.53")

Housing Material: High impact polymer and rubber
Protection: IP65, suitable for outdoor use

Operating temperature -20° to +60° C
(-4° to 140° F)

Vibration and shock 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

LED display Up to 5 multi function LEDs for status and feedback

Buzzer Low voltage indication

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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