



MKU

CATTRONCONTROL™

EXTREMELY RUGGED HANDHELD CONTROLLER

HIGHLIGHTS

- Control up to five dual-step drives with the 12 two-step pushbuttons plus on/off, stop and optional select switch
- Tough IP65 impact-resistant housing made of aluminum and rubber for tough indoor or outdoor environments
- System configuration via a secure wireless Transkey (RFID) for simple spares management
- Custom face plate options
- Approvals and frequencies for worldwide deployment

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
- Compatible with all CT24, CCM12 and MMCU4 machine control units
- Tandem and multi-transmitter and/or receiver operation

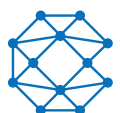
APPLICATIONS

This tough and compact controller is ideal for operation in numerous applications and operators maintain total freedom of movement for safe and efficient operations.

- Overhead Cranes
- Machine Control
- 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 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)
Battery	Rechargeable battery, NiCd 2.4V /1100mAh or 2X AAA batteries
Battery Life	> 12 h at 100% continuous use

OPERATION AND INDICATION

Control Elements	12 two-step Stop, optional select switch push buttons on/off
Transkey™	System configuration, address and RF channel setting
Buzzer	Low voltage indication
LED	1 status LED 4 multi-function LEDs

ACCESSORIES

Batteries	2 x 1.5 V AAA batteries or NiCd, 2.4 V/1100 mAh
Battery Charger	Processor-controlled charger with changing system on the primary side for international use 100-240 V AC, 50-60 Hz

MECHANICAL DATA

Weight	Approx. 634 g (1.4 lbs)
Dimensions L x W x H	203 x 76 x 51 mm (8 x 3 x 2 inches)
Housing	Aluminum and rubber
Operating temperature	-20 to +55 C (-4 to +131 F)
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
Transmitter Output Power	1-10 mW
RF Security	Black Channel
RF Channel Spacing	12.5 kHz; 25 kHz and others
Antenna	Internal

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