

# MKU

## CattronControl™



### EXTREMELY RUGGED HANDHELD CONTROLLER

#### HIGHLIGHTS

- Control up to five dual-step drives with the 12 two-step push plus on/off, E-Stop and rotary switch (optional)
- IP65 housing made of impact-resistant aluminum and rubber for tough indoor or outdoor environments
- System configuration via a secure wireless Transkey (RFID) for simplification of spares management
- Customer-specific layout and face plate options
- Approvals and frequencies for worldwide deployment

#### 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
- Compatible with a number of machine control units featuring various interface options
- 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
- 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 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, NiCd 2.4V /1100mAh or 2X AAA batteries

**Autonomy** > 12 h at 100% uninterrupted use

**OPERATION AND INDICATION**

**Control elements** 12 two-step push buttons, on/off, E-stop, rotary switch (optional)

**Transkey™** System configuration, address and RF channel setting

**Buzzer** Low voltage indication

**LED** 1 status LED  
4 multi-function LEDs

**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  
IP65, suitable for outdoor use

**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 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

**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

USA: +1.234.806.0018  
Systems-US-Sales@lairdtech.com

Europe: +49.2151.4795.0  
Systems-EU-Sales@lairdtech.com

Asia: +86.21.3120.0188  
Systems-CN-Sales@lairdtech.com

Latin America: +55.19.3518.7030  
Systems-BR-Sales@lairdtech.com

[www.lairdtech.com](http://www.lairdtech.com)

MKU\_DS\_EN\_201810

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