



LRC-M1

CATTRON CONTROL™



- Control up to four motions with two multi-axis joy stick controllers
- Lightweight impact resistant Lexan EXL® housing for rough environments
- Flexible operations with TransKey™ configuration
- Conforms to EN954-1, Category 3 and EN 13849-1 Performance Level d
- IP65 protection class, rated for outdoor use.

CONTROL YOUR ENVIRONMENT

Built like a tank, the LRC-M1 controller for EOT cranes provides the next level of safety and reliability for your demanding industrial applications.

Control up to four motions with two ergonomic, multi-axis joystick controllers. Trolley/hoist selector, two aux push buttons and toggle all mounted on an impact resistant Lexan EXL® housing for the toughest environments.

The LRC-M1 controller provides the flexibility to easily standardize your EOT cranes currently using remote controls, saving facilities time and money.

As part of the new CattronControl™ product series, the LRC-M1 controller uses an external TransKey™ RFID configuration for efficient operations. This allows facilities to minimize spares and transfer keys to other controllers, while adding a level of safety and flexibility to streamline facility workflow.

Transmitter or Operator Control Unit (OCU)

RF

Frequency ranges: 335 MHz
402-470 MHz
869 MHz
903-927 MHz

Transmission speed: 4.8 – 20 kbit/s

Transmitter output power: 10 mW – 500 mW
(within the allowable limits)

Antenna: Internal

Electronics

Commands: Up to 34 commands + Stop

Digital circuitry: Dual-processor technology

System addresses: 24 bits = 16 million addresses

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

Power supply: Re-chargeable battery, NiMH,
4.8 V / 1600 mAh
Battery Life > 12h at 100%
uninterrupted use

Actuators: Joysticks, paddles optional
(Customer specific layouts on request)

Indication: Status LED & 4 Multi-LEDs,
Buzzer, graphic LCD
128 x 54 dots (optional)

Mechanical Data

Weight: 3.5 lbs (1.6kg)

Dimensions: 10.8" x 8.14" x 6.3"
(274 x 207 x 160mm)
(L x W x H)

Housing: *Lexan EXL® polycarbonate
resin, standard color red/grey

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

IP protection class: IP 65

*Trademark of SABIC Innovative Plastics IP BV

Norms and Standards

Safety standards: EN 954-1 category 3
EN 13849-1 Performance Level d
for all safety-related functions

Operation and Indication

TransKey™: System configuration, address
and RF channel

Indication: Status-LED = 4 Multi-LEDs

Buzzer: Low voltage indication

Accessories

Batteries: 2 x Re-chargeable batteries
NiMH, 4.8 V / 1600 mAh

Battery charger: Processor-controlled charger
including adapter cradle
100 – 240 VAC, 50 – 60 Hz

Labeling: Optional custom labeling



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