



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
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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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