



The Excalibur radio remote control transmitter unit is the flexible compact class of the CattronControl™ family. Various sizes with ergonomic shape provide a variety of solutions for wireless control of cranes, lifting systems and machines.

FEATURES

- For electrical drives with digital speed control
- Compact, ergonomic design in an impact-resistant plastic housing
- 6, 8, 10 or 12 two-step push buttons
- One-piece elastic mat with integrated push buttons and shock protection
- System parameter and configuration setting via TransKey™ (RFID)
- Tandem and dual-transmitter operation available
- High safety-class through redundant hardware and software architecture
- Approvals and frequencies for worldwide deployment
- Compatible with a number of receiver units, featuring various interface options

TECHNICAL DATA AND SPECIFICATIONS

| ELECTRONIC DATA | | RF | |
|--------------------------|--|--------------------------|--|
| Commands | Up to 5 digital two-step drives | Frequency range | 335 MHz (< 1 mW ERP) 418 MHz (< 10 mW ERP) 433 MHz (< 10 mW ERP) 447 MHz (< 10 mW ERP) 869 MHz (< 5 mW ERP) 915 MHz (FCC part 15) other frequencies on request |
| Digital circuitry | Dual-processor technology | Transmission speed | 4.8 to 20 kbit/s |
| System addresses | 24 bits = 16 million addresses | Transmitter output power | < 10 mW (within the permitted limits) |
| Power safe mode | Automatic shutdown (configurable: 0 – 30 minutes) | Modulation | FM |
| Power supply | Rechargeable battery, NiMH, 3.6 V / 1500 mAh | RF channel spacing | 12.5 kHz; 25 kHz and others |
| Autonomy | > 12 h at 100% uninterrupted use | Antenna | Internal |
| OPERATION AND INDICATION | | | |
| Control elements | ct24-ET/6 - 6 push buttons (2-step) ct24-ET/8 - 8 push buttons (2-step) ct24-ET/10 - 10 push buttons (2-step) ct24-ET/12 - 12 push buttons (2-step) | | |
| TransKey™ | System configuration, address and RF channel setting | | |
| Indication | 5 Multi-LED, status, low voltage | | |
| Acoustic indication | Low voltage indication | | |

MECHANICAL DATA

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| Weight | 6 or 8 push buttons, approx. 290 g (0.64 lbs) 10 or 12 push buttons approx. 350 g (0.77 lbs) |
| Dimensions (L x W x H) | 6 or 8 push buttons 180 x 64 x 39 mm (7.09" x 2.52" x 1.54") 10 or 12 push buttons 235 x 64 x 39 mm (9.25" x 2.52" x 1.53") |
| Housing material | SB plastic standard colour silver/red integrated fall protection |
| Housing protection rating | IP65 |
| Operating temperature | -20° to +60° C (-4° to 140° F) |

STANDARDS

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| Safety | EN ISO 13849-1 Category 3 PL d EN ISO 13849-2 |
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ACCESSORIES

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| 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 V AC, 50-60 Hz |
| Labelling | Self-adhesive marking labels |

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