

FLEX ECO

Radio remote controls

IDEAL FOR

CRANES
HOISTS



The Flex ECO wireless control system provides a cost-effective solution to the restrictive use of hardwired pendants.

These durable and rugged yet lightweight controls are ideal for use in lifting applications including chain hoists and small cranes.

The ergonomic Flex ECO transmitter is available in 4, 6, 8, and 12 button options, and packaged with our MRX or Flex ECO receivers for a complete solution.

FLEXIBLE AND EFFICIENT PERFORMANCE

- Wireless pairing capability allows information and settings to be transferred between two transmitters or a transmitter/receiver system, allowing new systems to begin operating quickly and minimizing spare parts inventory
- Flex ECO is equipped with numerous programmable functions to suit most types of applications
- A wide variety of accessories are available to provide additional protection and flexibility

STRONG AND RELIABLE

- Pushbuttons feature gold-plated contacts and are rated for more than one million press cycles. The defined snap-action steps provide positive tactile feedback even while wearing gloves
- Durable enclosures are made from industrial-strength nylon and fiberglass composite materials
- Two "AA" alkaline batteries provide more than 100 hours of operation. A rechargeable battery kit is also available
- Battery compartment is accessed easily via a thumbscrew; no tools required
- Expected line of site distance rated at 100 meters (300 feet)

SECURE AND DEPENDABLE COMMUNICATIONS

- Advanced microprocessor controls with 32 bit CRC and Hamming Code provide ultra-fast, safe, precise, and error-free encoding and decoding
- Each Flex system has over one million unique identification codes (20 Bit) and never repeats

APPROVALS

- EMC: EN 301 489-1 + EN 301 489-3
- R&TTE: EN 300 220-1 V2.3.1 + EN 300 220-2 V2.3.1
- SAFETY: EN 60950:2006 + A1 + A11 + A12
- MACHINERY: EN 60204-32:2008, EN 13557:2003 + A1:2008
EN ISO 13849-1:2008 (PL=d), EN 60529 (IP66)





RECEIVERS

Flex ECO systems are packaged with two transmitters and a receiver, allowing for easy replacement and increased uptime. Our 4- and 6-button transmitters are paired with the space-saving MRX receiver, while 8- and 12-button transmitters are paired with the Flex ECO receiver.

FEATURES

- Designed to simplify installation and provide flexibility for easy adjustments or configurations
- Onboard diagnostic and output LEDs provide useful system status information for installation and troubleshooting
- Includes 1.8m of cable and mounting hardware
- Rugged IP66 rated fully sealed receiver enclosures provide you with confidence and protection in harsh indoor and outdoor environments
- Includes an internal antenna with full range capability, and optional fitting for external antenna

MRX RECEIVER

This lightweight receiver can be mounted on the control panel or the body of a hoist without causing any system imbalance.

- The Voltage Select feature automatically adapts to the control voltage from three available power supplies: 9-36 VDC, 24-48 VAC, and 48-240 VAC available
- Dimensions: 120 mm (L) x 90 mm (W) x 55 mm (H)
- Weight: 900 kg / 2.0 lb (including output cable)



FLEX ECO RECEIVER

The feature-rich Flex ECO receiver offers more control capabilities and options suitable for overhead cranes, for functions such as lights, magnet controls, and powered lifting devices.

- Dimensions: 260mm (L) x 204mm (W) x 83mm (H)
- Weight: 2.5 kg / 5.5 lb (including output cable)



For more information contact TER CESKA s.r.o. or your dealer