



MAGNETEK



TEL: 01384 986 026
WWW.ULSLIFTING.COM

FLEX WAVE RADIO REMOTE CONTROLS

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Flex Wave radio remote controls offer innovative capabilities and superior performance at a great value. These durable, rugged, and feature-rich radios are ideal for use in material handling, overhead crane, and industrial applications. Flex Wave transmitters are ergonomic and lightweight and available in 4, 6, 8, and 12-button style options to meet all your application needs.

IDEAL FOR
CRANE & HOIST
APPLICATIONS



INNOVATIVE & EFFICIENT PERFORMANCE

- Equipped with more than 200 programmable functions to suit all types of applications
- Zero G feature identifies an accidental transmitter drop, ceasing all operation, preventing unintended equipment motion and enhancing system safety

ERGONOMIC & RELIABLE DESIGN

- Rounded transmitter enclosures made from industrial-strength nylon and fiberglass composite materials combine comfort with durability
- Pushbuttons feature gold-plated contacts and are rated for more than two million press cycles. The defined snap-action steps provide positive tactile feedback even while wearing gloves
- IP66-rated, fully sealed transmitter and receiver enclosures provide you with confidence and protection in harsh indoor or outdoor environments
- Two "AA" alkaline batteries provide more than 100 hours of operation
- Option for rechargeable NiMH batteries with charging cradle. Transmitter can be recharged without removing batteries
- Battery compartment with single thumbscrew provides easy access to batteries, dipswitches, and programming port
- A wide variety of accessories provide additional protection and flexibility, including protective rubber transmitter boots, padded nylon transmitter case, retractable belt clip, button labels, and 96 decibel horn kit



Labels Located Next To Buttons For Easy Visibility and Durability



Charging Cradle Available for Easy Recharge

SECURE & DEPENDABLE COMMUNICATIONS

- Frequency agility feature automatically switches channels when interference is detected on a channel
- Advanced synthesised RF controls with 124 channels (62 channels user-programmable) add flexibility to frequency management
- Each Flex Wave system has over one million unique identification codes (20 Bit)
- Replacement transmitters can be paired wirelessly from transmitter to transmitter or receiver to transmitter. Built-in infrared allows for easy transmitter configuration with the IR Programmer
- Advanced microprocessor controls with 32 bit CRC and Hamming Code provide ultra-fast, safe, precise, and error-free encoding and decoding



RADIO REMOTE CONTROLS

SPECIALTY MODELS

AB SELECTOR SWITCH (AB)

A three-position selector switch allows one operator to switch operation between two trolley/hoists (A, B, or Both) that are located on a single bridge. The operator can easily identify which trolley hoist is active on the crane by the position of the selector switch (Available on 8- and 12-button models).



Selector Switch Available on A/B Models

RECEIVERS

Flex Wave systems are packaged with two transmitters and a receiver for easy replacement and increased uptime. Certain features of the Flex Wave are enabled when 4- or 6-button transmitters are paired with the space-saving MRX receiver. Full features are enabled when 4, 6, 8, or 12-button transmitters are paired with the Wave receiver.

FEATURES

- Designed to simplify installation and provide flexibility for easy adjustments or configurations
- Onboard diagnostic and output LEDs provide system status information for installation and troubleshooting
- Standard voltages available are 9-36VDC, 24VAC, 42VAC, 48VAC, 110VAC, 240VAC, and 400VAC-480VAC
- Includes 1.3m (MRX) or 1.7m (Wave) of cable and mounting hardware
- Rugged IP66-rated, fully sealed receiver enclosures provide protection in harsh environments
- Includes an internal antenna with full range capability and optional fitting for external antenna

MRX RECEIVER

MRX can be mounted on the control panel or the body of a hoist to minimise the potential for imbalance. This receiver is ideal for basic or lightweight applications, such as chain hoists.

- Voltage Select feature automatically adapts to the control voltage from three available power supplies: 9-36 VDC, 24-42 VAC, and 48-240 VAC
- Dimensions: 120 mm (L) x 90 mm (W) X 55 mm (H); Weight: 900 g. (including output cable)



MRX Receiver
120 x 90 mm



Flex Wave 4/6 Receiver
196 x 149 mm



Flex Wave 8/12 Receiver
260 x 204 mm

FLEX WAVE RECEIVER

The Flex Wave receiver offers more control capabilities and options suitable for overhead cranes, for functions such as lights, or powered lifting devices. All components are easily field replaceable.

- 4/6 Receiver: Used for 400VAC-480VAC or unusual 4-wire retrofits
- 4/6 Dimensions: 196 mm (L) x 149 mm (W) x 85 mm (H); Weight: 1.76 kg (inc. output cable)
- 8/12 Dimensions: 260 mm (L) x 204 mm (W) x 83 mm (H); Weight: 3.15 kg (inc. output cable)



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