

WIRELESS CONTROLS FOR HAZARDOUS LOCATIONS

Handheld and Bellybox Transmitters



RUGGED DESIGN COMBINED WITH INNOVATIVE TECHNOLOGY

Magnetek offers a full range of wireless controls that are safe to use in hazardous or potentially explosive locations. Wireless control systems allow users the flexibility to operate farther away from a dangerous situation than wired alternatives. These innovative wireless controls can be applied to a variety of hazardous location applications, including petrochemical operations, chemical plants, oil and gas drilling, plane hangars, and industrial painting equipment.

SELECT A TRANSMITTER WITH UNIQUE FEATURES TO FIT YOUR APPLICATION



HANDHELD WIRELESS CONTROLS

Our handheld transmitters for hazardous locations offer comfortable control in the palm of your hand. These flexible and reliable wireless controls are designed to be ergonomic and lightweight, making them ideal for material handling, overhead crane, and fluid power applications.

FLEX PRO™

Flexible Proportional Control in a Handheld

- Available with ATEX and IECEx approvals for Zone 2 applications
 - o **ATEX Approval: II 3 G EX ic IIC T3/T4 Gc**
 - o **IECEx Approval: EX ic IIC T3/T4 Gc**
- Choose 8 or 12 proportional button configurations with precise control for smooth operation
- Rated NEMA 4 (IP66), sealed to withstand harsh, industrial environments
- Informative LEDs provide diagnostic and system status
- Rugged, tough nylon housing is made to withstand shock
- I-Chip module makes Flex a universal transmitter that can be programmed in the field



FLEX EX SERIES

Rugged Alternative to Hardwired Pendants

- Available with ATEX and IECEx approvals for Zone 2 applications* (8 and 12-button only)
 - o **ATEX Approval: II 3 G EX ic IIC T3/T4 Gc**
 - o **IECEx Approval: EX ic IIC T3/T4 Gc**
- IP66 rated fully sealed transmitter and receiver enclosures provide you with confidence and protection in the harshest indoor or outdoor environments
- Equipped with more than 200 programmable functions to suit all types of applications
- Advanced synthesized RF controls with 62 user-programmable channels add flexibility to frequency management in the field
- I-Chip module makes Flex a universal transmitter that can be programmed in the field
- Available in pre-engineered or engineered configurations

*Available on first generation Flex EX only



FLEX EM SERIES

Comfort and Style in One Package

- Available with ATEX and IECEx approvals for Zone 2 applications (8 and 12-button only)
 - o **ATEX Approval: II 3 G EX ic IIC T3/T4 Gc**
 - o **IECEx Approval: EX ic IIC T3/T4 Gc**
- Designed to be compact and lightweight to prevent operator fatigue
- Rated NEMA 4 (IP66), sealed to withstand harsh, industrial environments
- Informative LEDs provide diagnostic and system status
- Rugged, tough nylon housing is made to withstand shock
- I-Chip module makes Flex a universal transmitter that can be programmed in the field
- Available in pre-engineered or engineered configurations



BELLYBOX WIRELESS CONTROLS

Our hazardous location bellybox transmitters offer the most configurability, with numerous available configurations. Magnetek provides innovative, cost-effective, custom engineered wireless communications products, complete with hydraulic or crane interface controls. These are designed to your specifications, reducing internal engineering and manufacturing costs, improving time to market, and enhancing equipment performance.

XLTX

XLTX Offers the Most Options to Configure a Flexible Solution

- Available with ATEX and IECEx approvals for EX Zone 0, 1, or 2 applications
 - o **ATEX Approval: II 1 G EX ia IIC T3/T4 Ga**
 - o **IECEx Approval: EX ia IIC T3/T4 Ga**
- Graphic display with system diagnostics including battery life, signal strength, and warning symbols
- Available two-way RF for applications requiring feedback of CAN-bus parameters, alarms, and command confirmation
- Choose up to 8 levers, 4 joysticks, or any combination
- Numerous combinations of toggles, selector switches, and potentiometers
- Spare battery compartment with extra battery to avoid downtime

IDEAL FOR
CRANE & HOIST FLUID POWER SURFACE MINING HAZ LOC
APPLICATIONS



MLTX2

MLTX2 Provides an Ergonomic, Lightweight Choice for Hazardous Locations

- Available with ATEX and IECEx approvals for EX Zone 0, 1, or 2 applications
 - o **ATEX Approval: II 1 G EX ia IIC T3/T4 Ga**
 - o **IECEx Approval: EX ia IIC T3/T4 Ga**
- Optional graphic display with system diagnostics including battery life, signal strength, and warning symbols
- Available two-way RF for applications requiring feedback of CAN-bus parameters, alarms, and command confirmation
- Choose up to 7 levers, 3 joysticks, or any combination
- Numerous combinations of toggles, selector switches, and potentiometers

IDEAL FOR
CRANE & HOIST FLUID POWER SURFACE MINING HAZ LOC
APPLICATIONS



MLTX

MLTX Delivers a Cost-Effective Option to Meet North American Standards

- Non-incendive transmitter for use in hazardous locations requiring ISA 12.12.01 Class I and Class II, Division 2, Group A, B, C, D, E, F, and G
- Choose up to 7 levers or 2 joysticks
- Available proportional, 1, 2, 3, or 5 speeds in a non-detent lever or joystick
- Rechargeable NiMH battery pack standard

IDEAL FOR
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APPLICATIONS



RECEIVERS FOR HAZARDOUS LOCATIONS

Flex receivers are designed with field installation and serviceability in mind. Onboard diagnostic and output LEDs provide system status information useful when installing and troubleshooting. All components are easily accessible and field replaceable. IP66 rated, fully sealed receiver enclosures provide you with confidence and protection in the harshest indoor or outdoor environments. All receivers can be put into an explosion-proof enclosure that meets NEMA 7 or NEMA 9 standards for added safety.



| | FLEX PRO™ | FLEX EX SERIES | FLEX EM SERIES |
|-----------------------------|--------------------------|--------------------------|--------------------------|
| COMPATIBLE RECEIVERS | CAN-2® | Flex Series | Flex Series |
| | CAN-6 | CAN-2® | CAN-2® |
| | Flex M Wireless Receiver | CAN-6 | CAN-6 |
| | MHR Radio Controller | Flex M Wireless Receiver | Flex M Wireless Receiver |
| | intelSmart2 | MHR Radio Controller | MHR Radio Controller |
| | intelSmart2 | intelSmart2 | intelSmart2 |

COMBINE A TRANSMITTER WITH ONE OF MAGNETEK'S RECEIVERS FOR A COMPLETE WIRELESS CONTROL SYSTEM. WE'LL BUILD YOUR SYSTEM TO YOUR SPECIFICATIONS – IT'S COMPLETELY CUSTOMIZABLE.

For more information, contact your local Magnetek Sales Representative, radio.sales@magnetek.com, or the Magnetek location nearest you.



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