

SOFTWARE OPTIONS

Wireless Controls

IDEAL FOR
CRANE & HOIST FLUID POWER
APPLICATIONS



Our rugged wireless controls provide crane and hoist and mobile hydraulic equipment operators with better positioning for job visibility and safety, allow for data feedback, and extend the life of machine and hydraulic components. Incorporating state-of-the-art wireless communication technology, Magnetek wireless controls can be customized with a variety of software options for precise control and improved operation of your application.

DROP DETECTION

An optional safety feature, **Drop Detection** identifies an accidental drop of a transmitter. All operations automatically cease and the transmitter shuts off in the event of a drop to prevent unintended equipment motion and enhance system safety.

Available with:

- Flex VUE™
- Flex EX2
- XLT
- MLTX2™
- MBT
- PGT

TILT DETECTION

Tilt Detection recognizes an angle change in the transmitter units. If an operator loses control of the transmitter or the unit itself tips beyond a pre-determined angle, Tilt Detection will put the transmitter into a safe state or alert the operator. This optional feature helps prevent unintended movement when the transmitter is not functioning at the proper angle.

Available with:

- XLT
- MLTX™
- MLTX2
- MBT
- Mini-MBT

RADIO CONTROL PROGRAMMER (RCP)

RCP allows you to customize your transmitter and receiver programming. Configure key parameters of the transmitter and receiver such as RF channel and access code, which are required for them to communicate. The output mapping function on the receiver allows users to determine how inputs, such as commands from the transmitter or CAN messages, affect receiver outputs to control how the system operates. Text information displayed on the transmitter can be customized to display specific receiver feedback, including parameters, command confirmation, and alarms.

Note: features may be limited on some radio products.

Available with:

- Flex VUE™
- XLT
- MLTX2
- CHTX
- MBT
- Mini-MBT
- PGT
- Mini-PGT
- Telemotive telePilot
- Telemotive telePendant
- MHR Radio Controller
- CAN-2
- WIC-2402™
- Telemotive inTeleSmart2
- Flex M

WEIGHT SCALE FEEDBACK

Weight Scale Feedback allows weight scale equipment to relay information through the receiver. Requiring a transmitter with a screen to display the communicated feedback, this optional feature easily delivers weight information to users.

Available with:

- Flex VUE™
- XLT
- MLTX2
- MBT
- Mini-MBT
- PGT
- Mini-PGT

CUSTOM MENU SYSTEM

The **Custom Menu System** optional feature allows customers to select specific menu options. Choose from a number of different menus, including PTO, settings for timeouts, or number of speeds per lever. Magnetek configures the easy-to-use system menus with the customers' selected choices for transmitters with displays. The display feature is standard on Flex VUE and XLT and optional on other transmitters.

Available with:

- Flex VUE™
- XLT
- MLTX2
- MBT
- Mini-MBT
- PGT
- Mini-PGT



PUSH TO OPERATE (PTO)

An optional feature, **Push to Operate** can be programmed in two different modes. In one mode, PTO requires users to press and hold an additional pushbutton to operate machine functions. In the second mode, PTO sets a time limit for transmitter operation. After a set amount of time, an alarm alerts users to press the PTO button to continue operations. Both methods allow PTO to be configured as a "smart" button. The transmitter can detect if the button is being continuously pressed, potentially by a source other than the user, and disable the transmitter until it is released. PTO increases user safety by preventing accidental operations and ensures no machine functions occur unless an operator is actively engaged with the transmitter.

PTO available with:

- XLTX
- MLTX2
- MBT
- Mini-MBT
- PGT
- Mini-PGT

VIGILANCE CIRCUIT

The optional **Vigilance Circuit**, while similar to PTO, is typically used for specific implementation, such as providing confirmation to a control system that a latched function is a valid requirement. For example, in rail car applications, a throttle function is set and latched at a particular level. During normal operation, the throttle stays latched and operators focus on commanding motion for the desired results. The Vigilance Circuit protects operators from neglecting an important function by requiring a reactivation every 30-45 seconds to prove the throttle function is necessary and should remain latched. These types of applications are best supported with external controls such as limit switches.

Vigilance Circuit available with:

- XLTX
- MLTX2

REPEATER SYSTEMS

This optional feature includes range extenders that increase system operation range. The **Repeater Systems** permit operations to occur far from the equipment, improving user safety and functionality based on the needs of particular applications.

Repeater Systems available with:

- All transmitters and receivers used in mobile hydraulic applications

IR PAIRING

Infrared (IR) Pairing is a simple matching method that pairs a Magnetek transmitter and receiver through an IR interface in order to control that specific receiver. This feature allows transmitters and receivers to exchange information required for them to communicate via RF without the need for a menu system or RCP. IR Pairing serves as an easy method for integrating spare units into service and is standard on all Magnetek transmitters, except MLTX and Flex EX/EM/Pro. Consult the factory to determine if a previously purchased system is compatible with IR Pairing.

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



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