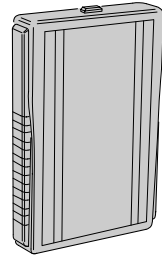


# MPX SUPERVISED EMERGENCY TRANSMITTER

## MEGACODE FORMAT



Operation Instructions

### Linear

(619) 438-7000 • FAX (619) 438-7043  
USA & Canada (800) 421-1587 & (800) 392-0123  
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### DESCRIPTION

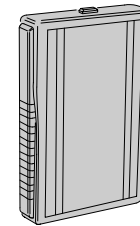
The MPX is a compact, light-weight, wireless transmitter that can be activated by squeezing both side bars. When activated, the MPX sounds an internal beeper, lights its LED and signals an alarm to a supervised security receiver.

The unit can be easily concealed, and is water and shock resistant. For continuous emergency security, it can be clipped on a belt, or be worn suspended from a neck chain. A belt clip and neck chain are packaged with the unit.

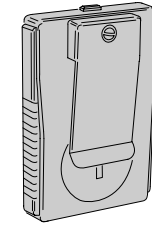
**NOTE: The MPX is only water resistant, DO NOT IMMERSE THE UNIT IN WATER.**

The transmitter is powered by two self-contained type DL2032 3-volt lithium batteries (included). The batteries are monitored by Linear's custom supervisor circuit. When the battery voltage gets low, low battery reports are automatically transmitted to the receiver every hour for a minimum of seven days.

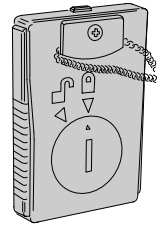
This unit incorporates Linear's proprietary "MegaCode" circuit that provides MPX transmitters with over one million security codes. Each MPX transmitter has been pre-programmed at the factory to one of the million codes. The transmitter will retain its pre-programmed code even with low or no batteries. The transmitter is designed to transmit two unique signals; one for low battery, one for alarm.



MPX

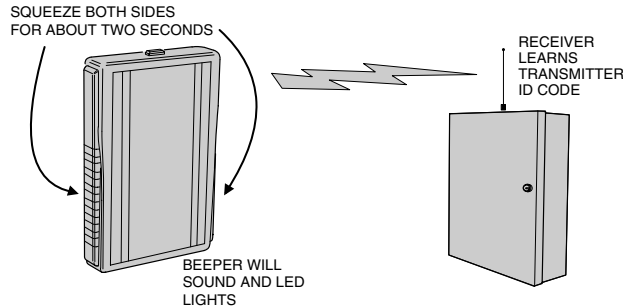


MPX with Belt Clip

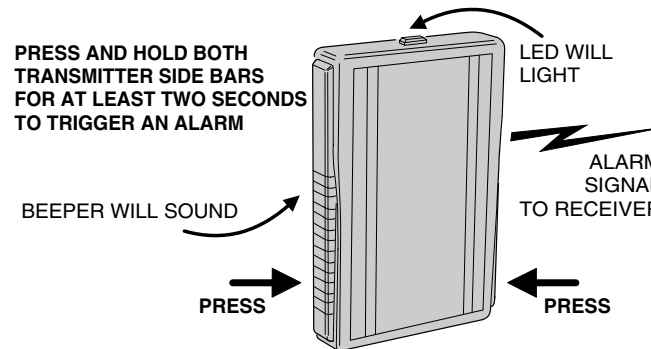


MPX with Neck Chain

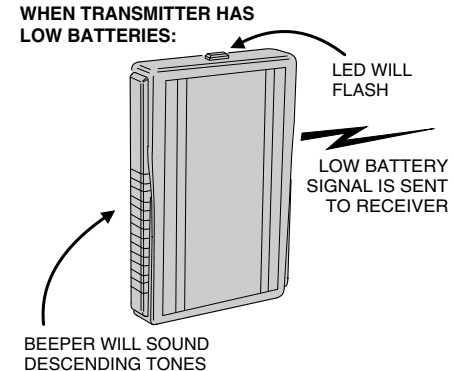
**FIGURE 1 To program transmitter into receiver.** Follow the receiver's instructions to set it into a program or learn mode. Press the two side bars of the transmitter for about two seconds to send a signal. Verify that the signal was received and that the transmitter was properly entered into the receiver's memory. Set the receiver into a sensor test mode. Activate the transmitter again and verify that the receiver accepts the alarm transmission.



**FIGURE 2 To trigger an alarm.** To send an alarm to the receiver, both side bars of the MPX must be pressed simultaneously for a minimum of two seconds. The two-button feature provides protection against false alarms. When the unit is transmitting, the red LED will light.

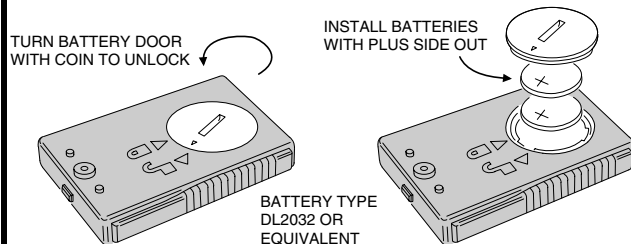


**FIGURE 3 Low battery signal.** Under normal conditions, the two lithium batteries that power the MPX should last from 2 to 3 years. When the batteries get low, the unit will automatically send a low battery signal to the receiver every hour for a minimum of seven days. When the transmitter sends the low battery signal, the LED will blink and the internal beeper will sound descending tones. Pressing both side bars will still send an alarm signal, even when the transmitter has low batteries.

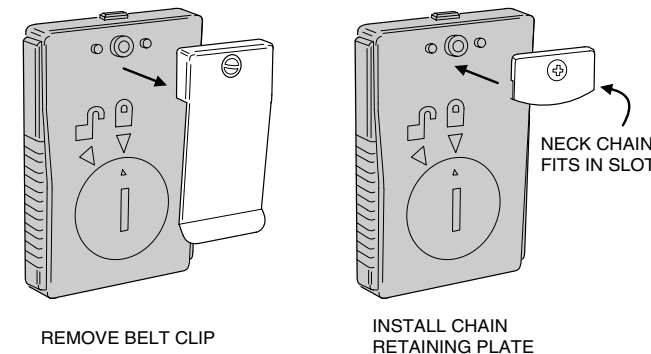


**FIGURE 4 Battery replacement.** The MPX uses two coin cell lithium/manganese dioxide batteries. Duracell type DL2032 are recommended for replacement. Remove the battery door to access the batteries. Install the new batteries with the plus sides toward the outside of the unit.

**CAUTION: To prevent battery damage, do not allow sides of batteries to touch, or place batteries together on a metal surface.**



**FIGURE 5 Installing neck chain.** The MPX belt clip can be removed and replaced with the neck chain supplied. The neck chain is held to the transmitter with the chain retaining plate.



### LINEAR LIMITED WARRANTY

This Linear product is warranted against defects in material and workmanship for twelve (12) months. The Warranty Expiration Date is labeled on the product. **This warranty extends only to wholesale customers who buy direct from Linear or through Linear's normal distribution channels. Linear does not warrant this product to consumers.** Consumers should inquire from their selling dealer as to the nature of the dealer's warranty, if any. **There are no obligations or liabilities on the part of Linear corporation for consequential damages arising out of or in connection with use or performance of this product or other indirect damages with respect to loss of property, revenue, or profit, or cost of removal, installation, or reinstallation.** All implied warranties, including implied warranties for merchantability and implied warranties for fitness, are valid only until Warranty Expiration Date as labeled on the product. **This Linear Corporation Warranty is in lieu of all other warranties express or implied.**

For warranty service on Linear equipment return product, at sender's expense to:  
Linear Corporation Service Department  
2580 Pioneer Avenue, Suite C  
Vista, CA 92083

### IMPORTANT !!!

Linear radio controls provide a reliable communications link and fill an important need in portable wireless signalling. However, there are some limitations which must be observed.

For U.S. installations only: The radios are required to comply with FCC Rules and Regulations as Part 15 devices. As such, they have limited transmitter power and therefore limited range.

A receiver cannot respond to more than one transmitted signal at a time and may be blocked by radio signals that occur on or near their operating frequencies, regardless of code settings.

Changes or modifications to the device may void FCC compliance.

Infrequently used radio links should be tested regularly to protect against undetected interference or fault.

A general knowledge of radio and its vagaries should be gained prior to acting as a wholesale distributor or dealer, and these facts should be communicated to the ultimate users.