

ELK-6010 Wireless Keychain Remote (FOB)



APPLICATION

The ELK-6010 Wireless Keychain Remote (FOB) features 4 pushbuttons; one for Arm, Disarm, System Status Inquiry, and 1 that may be programmed for various system functions such as panic, lights, garage door, etc. the 6010 is compatible with Wireless Receivers and Controls that accept Elk's 'RFTW' two-way technology; such as, the ELK-M1XRFTW. The 6010 sends a unique TXID identifier and Loop number when it transmits to the receiver. The Loop number should be programmed as a 2 for the wireless zone where a 6010 is enrolled.

The 6010 features Elk's Industry Leading Two-Way Technology, capable of on-demand status updates as well as extended range and extremely long battery life.

SPECIFICATIONS:

Frequency: 902 Mhz - 928 Mhz frequency hopping
Dimensions: 1.37"W x 2.44"L x .52"D
Operating Temperature: 32° to 120° F (0° to 49° Degrees C)
Relative Humidity: 5-95% Non-Condensing
Battery: Permanent 5 Yr Life - Non Replaceable
Unique TXID Code: Over 1 million combinations



Enrolling from M1 Keypad Installer Programming

1. Enter **M1 Keypad Installer Programming** and scroll or navigate to Menu: **14-Wireless Setup**
2. Press right arrow and scroll up to Sub-Menu: **3:Learn Sel**
3. Press right arrow and pick a **WZone** (wireless zone) number.
4. Press right arrow to **Lrn** (Enroll) a new sensor.
5. **Press and hold the Lock and Unlock buttons** together as soon as the keypad displays **Push Transmitter Button**. This will transmit a signal for enrollment.
6. If enrollment is successful the M1 Keypad will chime a single time and briefly display the 6 digit TXID code found stickered on the sensor. For a Keychain Remote the 1st digit is "A" followed by 5 digits (0 to F). e.g. A9AB4C. Repeat Step 5 if enrollment fails and a TXID does not display. In extreme cases it may be necessary to repeat steps 3 - 6.
7. The M1 Rapid-Enroll feature advances to the next zone in sequence and waits for an enroll signal. Just repeat step 5 for each additional wireless sensor. The M1G voice will speak; "Press Transmitter button for zone xx" (next zone).
8. To end Rapid-Enroll press the ELK key one time AFTER all wireless zones (sensors) have been enrolled.
9. **Set the Loop Number - VERY IMPORTANT.** Scroll up or down to the desired M1 wireless zone and press the left arrow. The screen will display a 9 digit number (the TXID in decimal) followed by **Loop=**. Press the right arrow and move cursor over to **Loop=**. Set the Loop to 2. Press the ELK key twice to return to the Zone select display. Scroll to each of the other wireless zones and set or verify their Loop number. **NOTE: A sensor will not operate if the Loop number is not set correctly. Loop=2 is always the setting for the built-in reed input.**

IMPORTANT! Once all wireless zones have been enrolled the next step is to exit Menu 14 and proceed to Menu: **5 - Zone Definitions**. Locate each zone and program a name, zone type, and any required options. Repeat for each wireless zone that was enrolled. For the 6010 program the zone definition as 15-Keyfob.

Enrolling from ElkRP Software

1. Launch ElkRP and open the desired Customer Account file.
2. RP requires wireless zones to be defined in groups of 16. Wireless can begin at Zone 17 (Group 2) but CANNOT go beyond Zone 160 (Group 10). In the Folders column right click on **> Zones (Inputs)** to create a group of 16 wireless zones. Then click **New Wireless Zones**. Place a check mark in the box beside the desired group, then click OK. Repeat if additional wireless groups are required.

NOTE: Only Zones 17 to 160 can be used for wireless zones (max. of 144 wireless sensors). If a large number of wireless zones are expected, AVOID conflict with existing or future Hardwired Zones in the range of zones 17 to 160 by NOT enrolling any Hardwired Zone Expanders (M1XIN) at data bus addresses 2 thru 10.

3. With ElkRP it may be more efficient to program the Zone Definitions (name, type, and options) before moving to the Wireless Setup to enter the TXID and Loop number. In the Folders column click on **> Wireless - Group X** (the group just added), then double click one zone at a time to define a name, type, and options. Repeat for each wireless zone.
4. From the Folders column click on **> Wireless Setup** to enroll the wireless sensors by typing in their TXIDs.
 - 4a. Click the **> Transmitters** tab, then double click a zone.
 - 4b. Place a check mark in the **Enabled** box.
 - 4c. Set Supervision type as: **0=Non Supervised (Keyfobs)**, **1=Normal "Burg" Supervision**, or **2=Fire Supervision**
 - 4d. Skip to the **TXID box** and enter the Sensor TXID found stickered on the sensor.
 - 4e. Skip to the **LOOP** box and enter a 2.
 - 4f. Click **Save**. Repeat the entire step 4 for each additional Wireless Sensor.

Operational Testing

Operating the 6010 Keychain Remote (FOB) is very straightforward:

1. Select the desired button.
2. Press and hold the button for at least 1 full second.
3. You should receive the following feedbacks:
 - a. The operation to which the button is programmed should occur.
 - b. The bi-color LED on the 6010 will illuminate as part of the two-way feedback from the control and receiver.
4. In most cases the definition or meaning of the bi-color LED on the 6010 will depend on the button pressed:

Button 1 (Top left side) Symbol = Unlock

This button is used to DISARM the Alarm System. Press and hold for approximately 1 second. If the Control is currently in Alarm this button should also silence the Alarm. In this event it may be necessary to press this button twice to both silence and disarm. Shortly after the button is pressed you should receive a solid GREEN as indication that the system is DISARMED.

Button 2 (Top right side) Symbol = Lock

This button is used to ARM the Alarm System. Press and hold for approximately 1 second. While this button is held and for a brief time afterwards you should receive a solid RED as indication that the system is ARMED.

Button 3 (Lower right side) Symbol = *

This button may be used for one of several functions or which must be programmed in the M1 Control.

Button 4 (Lower right side) Symbol = Triangle

This button is for Status Inquiry. Pressing and holding for approximately 1 second will send a query to the Control. While the button is held, and for a brief time afterwards, the LED will be solid RED if the system is ARMED, solid GREEN if the system is DISARMED, or flashing RED if the Control is currently in alarm.

A complete system test and Walk Test of all wireless zones using the prescribed M1 Keypad Menu **3 - Walktest Area** feature should be performed a least once a year.

Battery

The 6010 has a non-replaceable battery. When the battery reaches its end-of-life it will be necessary to replace the sensor.

BATTERY CAUTION: Risk of fire, explosion and burns. Do not attempt to recharge or disassemble. Do not incinerate or expose to heat above 212° F (100° C). Dispose of used batteries properly. Keep away from children.

FCC COMPLIANCE STATEMENT:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) this device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

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FCC ID: TMA ELK-6010

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Printed In USA

12/1/2011