

ELK-319KF1 Wireless Keyfob 1 Button Panic



Description

The ELK-319KF1 is a Wireless Single Button Handheld device that can be used for a police, medical, or auxiliary panic alarm activation.

In addition to alarm activation the device also sends low battery (as needed). The sensor is powered by a single (1) replaceable 3VDC lithium coin-cell battery.

This sensor is compatible with Elk's 319MHz Receivers/Panels as well as many other panels that operate on the 319.5MHz Frequency and adhere to the ITI/Interlogix protocol.



Specifications

RF frequency: 319.5 MHz

Compatibility: ELK-319 Receivers/Panels & other panels that operate on the 319.5MHz Freq. and adhere to the ITI/Interlogix protocol

Battery type: One (1) 3VDC lithium coin-cell battery (Panasonic or Varta Model CR2032)

Operating Temp Range: 32 to 120°F (0 to 49°C)

Storage Temp Range: -30 to 140°F (-34 to 60°C)

Relative Humidity: 95% non-condensing

Dimensions 2.25" L x .125" x 0.44" in. (L x W x D)

Programming (Enrollment)

The following is a general guideline for programming (enrolling) a sensor into the receiver or panel. For more extensive instructions please refer to the receiver or panel instructions.

1. Place the panel into the Program mode.
2. Proceed to the WIRELESS SETUP menu.
3. Select the appropriate zone/sensor location number.
4. Start the panel sensor Enroll process. When the panel prompts to trip the sensor for learning do the following:
 - Press the Panic Button. The panel should acknowledge the sensor has been learned by keypad display and/or audio alert (depending on the panel). If enrollment fails to occur try repeating the process.
5. Repeat the above process for any additional wireless sensors. Proceed to the zone programming to assign each sensor's zone definition.
6. Exit programming mode when finished.

Testing the Sensor

It is recommend that all wireless sensors be thoroughly tested after installation and programming.

Wireless Testing

Wireless testing provides a baseline for the distance the panic sensor will nominally operate away from the control or receiver.

1. Place the panel into the Walk Test mode.
2. Monitor the keypad display while pressing the button. Refer to the receiver or panel for complete instructions. In some cases the panel may provide a signal strength indication.
3. Walk away from the panel or receiver and test at various locations making sure the panel acknowledges.
4. Exit Walk Test mode when finished.

Operational Testing

If the alarm system is centrally monitored then always notify them prior to operational testing.

1. Press and hold the panic button until the specific alarm reaction (audible or silent dial report) begins.
2. Disarm the alarm panel to silence or reset the alarm.

Battery Replacement

Low Battery trouble will be transmitted when the sensor battery needs to be replaced.

NOTE: Replace the battery within 7 days following a low battery trouble indication.

- Separate the two halves of the plastic case by inserting the edge of a coin or small screwdriver into the slot on the side. Gently twist to pop open the case.
- Carefully remove the circuit board using a small pick or edge of a knife. Be careful to not hurt yourself.
- The old battery should drop out of its holder.
- Drop a new battery into the holder with the positive "+" side facing down away from the circuit board. The side with no markings should now be facing you.
- Carefully put the circuit board back into its place covering the battery.

CAUTION: Use only approved 3.0VDC Lithium Battery: Panasonic or Varta model CR2032

- Replace the cover on the sensor and test activate the device at least twice.

BATTERY WARNING:

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 AND IC COMPLIANCE STATEMENT:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

• Consult the dealer or an experienced radio/TV technician for help. This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil est conforme avec Industrie Canada exempts de licence standard RSS (s). Son fonctionnement est soumis aux deux conditions suivantes: (1) cet appareil ne doit pas provoquer d'interférences et (2) cet appareil doit accepter toute interférence, y compris celles pouvant causer un mauvais fonctionnement de l'appareil.

In accordance with FCC requirements of human exposure to radio frequency fields, the radiating element shall be installed such that a minimum separation distance of 20 cm is maintained from the general population.

FCC ID: 2ABBZ-RF-FOB-Panic-319-NN

IC: 11817A-RFFOBPANIC319

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. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This Class B digital apparatus complies with Canadian ICES-3B. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Limited Warranty

THIS WIRELESS SENSOR IS WARRANTED TO BE FREE FROM DEFECTS AND WORKMANSHIP FOR A PERIOD OF 2 YEARS FROM DATE OF MANUFACTURE EXCLUDING BATTERIES. BATTERIES USED WITH WIRELESS DEVICES ARE NOT WARRANTED.

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NOTE: Elk Products is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. Such modifications could void the user's authority to operate the equipment.