

IMPORTANT SAFETY INFORMATION

Read all safety warnings and instructions.
Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.
Save all warnings and instructions for future reference.

1. **Position batteries in proper polarity and do not install batteries of different types, charge levels, or capacities together.**

2. **Keep installation area clean.**
Cluttered areas invite accidents.

3. **Observe installation area conditions.** Keep work area well lit during installation.

4. **Check for damaged parts.** Before using any product, any part that appears damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for any broken or damaged parts and any other conditions that may affect its operation. Replace or repair damaged or worn parts immediately. Do not use the Alert System if any switch does not turn on and off properly.

5. **Replacement parts and accessories.** When servicing, use only identical replacement parts. Use of any other parts will void the warranty.

6. **Keep children away.** Mount the Sensor and Receiver out of children's reach.

7. **Dress properly.** Protective, electrically non-conductive clothes and nonskid footwear are recommended when working with the Alert System. Wear restrictive hair covering to contain long hair.
8. **Use eye protection.** Wear ANSI-approved impact safety goggles when setting up this product.

9. **Maintain products with care.** Keep the Alert System clean for better and safer performance. Inspect the components periodically. If damaged, have it repaired by a qualified technician.

10. **Do not overreach.** Keep proper footing and balance at all times. If a ladder is to be used during installation, it should be supported by an assistant.

11. **Do not set up the Alert System if under the influence of alcohol or drugs.** Read warning labels on prescriptions to determine if your judgement or reflexes are impaired while taking drugs. If there is any doubt, do not set up the Light.

12. **Have your power tool serviced by a qualified repair person using only identical replacement parts.**
This will ensure that the safety of the power tool is maintained.

13. The warnings, precautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.

Operation

Power Switch

The Power Switch has three settings:

- a. Off: Power is off.

b. Hi: A loud beep will sound (approximately 92dB) and the LED will flash when motion is detected.

- c. Low: A short beep will sound (approximately 80dB) and the LED will flash when motion is detected.

Operation

1. To operate the Security Alert, slide the Power Switch on the Receiver to the "Hi" setting. Allow 30 seconds for warm-up. Two short beeps will sound, indicating the unit is working.

2. Test the Sensor by walking or driving into the protected area. Another person should be listening for the alarm to sound.
3. If the Sensor does not activate, Sensor relocation or aiming adjustment will be required.

4. If the Receiver does not activate with the Sensor, reposition them closer together.

5. Once you have determined that the unit is working properly, leave in the "Hi" setting or adjust to the "Low" setting.

Low Battery

1. Replace the Sensor batteries when the LED on the Sensor turns on.

2. Replace the Receiver batteries when the LED on the Receiver turns on.

Components and Controls



Figure A

Setup Instructions

Installing Batteries

CAUTION: Position batteries in proper polarity and do not install batteries of different types, charge levels, or capacities together.

1. Using a screwdriver (not included), remove the Battery Cover of the Sensor, and insert a 9V battery (not included). Replace the Battery Cover.

2. Using a screwdriver (not included), remove the Battery Cover of the Receiver, and insert three C batteries (not included). Replace the Battery Cover.

Note: An optional 6 volt, 200 mA power adapter (not included) can be used to power the Receiver instead of batteries.

Installing the Sensor and Receiver

CAUTION: Verify that installation surface has no hidden utility lines before drilling or driving screws.

1. Consider the following when choosing a location for the Sensor:

a. The passive infrared sensor detects heat. Avoid aiming it towards areas that produce heat such as heater vents, windows where the sun hits, or outdoor spotlights.

b. Mount the Sensor at least 3 feet above the ground. If placed under the garage eaves, be sure that the Sensor is not blocked by the roof fascia board.

c. If placed above 8 feet high, the Sensor should be aimed downward so that it is pointed toward the area being monitored.

2. Mount the Sensor to a flat surface with hardware (3).

3. Place the Receiver within 400 feet of the Sensor.
Note: Obstructions may reduce the receiving range.

4. Mount the Receiver to a flat surface with hardware, or stand on a flat surface. The receiver is not intended to be weather resistant.
Note: Do not install the Receiver in a location that will get wet or directly exposed to the elements.

Functional Description

Specifications

Sensor Module	Passive Infrared (PIR) motion detector Transmitter: 433 MHz, range up to 400' Sensor Detection: 40° angle coverage at 30', mounted at 4' high Battery: 9V (not included) Low battery LED indicator
Receiver Module	Range: Up to 400' from Sensor Module Battery: 3 C (not included) Switch with three settings: Off/Hi/Low Input connector for 6VDC Adapter (not included) Low battery LED indicator

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.

FCC ID: 2AKAET-002

Note: This product 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 product 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 product 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.
- Please take attention that changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Maintenance

TO PREVENT SERIOUS INJURY FROM TOOL FAILURE:
Do not use damaged equipment. If abnormal noise or vibration occurs, have the problem corrected before further use.

Cleaning, Maintenance, and Lubrication

1. **BEFORE EACH USE**, inspect the general condition of the tool. Check for:
 - leaking, swollen, or cracked batteries,
 - loose hardware,
 - misalignment or binding of parts,
 - cracked or broken parts, and
 - any other condition that may affect its safe operation.

2. **AFTER USE**, wipe external surfaces of the tool with clean cloth.

3. Replace the batteries in the Receiver or Sensor when their low battery LED indicator lights.

4. There are no replaceable parts on the Receiver or Sensor units.