

Owner's Manual & Safety Instructions

Save This Manual Keep this manual for the safety warnings and precautions, assembly, operating, inspection, maintenance and cleaning procedures. Write the product's serial number in the back of the manual near the assembly diagram (or month and year of purchase if product has no number). Keep this manual and the receipt in a safe and dry place for future reference.

20h

 **Bunker Hill Security**[®]

Wireless Security Alert System



Visit our website at: <http://www.harborfreight.com>
Email our technical support at: productsupport@harborfreight.com

93068





When unpacking, make sure that the product is intact and undamaged. If any parts are missing or broken, please call 1-888-866-5797 as soon as possible.

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WARNING

Read this material before using this product. Failure to do so can result in serious injury. **SAVE THIS MANUAL.**

WARNING SYMBOLS AND DEFINITIONS

	This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.
 DANGER	Indicates a hazardous situation which, if not avoided, will result in death or serious injury.
 WARNING	Indicates a hazardous situation which, if not avoided, could result in death or serious injury.
 CAUTION	Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.
NOTICE CAUTION	Addresses practices not related to personal injury.

IMPORTANT SAFETY INFORMATION

WARNING

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.

- Do not mix old and new batteries. Do not mix alkaline, standard (carbon-zinc), or rechargeable (nickel-cadmium) batteries. Position batteries in proper polarity. Do not use swollen or leaking batteries.**
- Keep installation area clean.** *Cluttered areas invite accidents.*
- Observe installation area conditions.** Keep work area well lit during installation.
- 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.
- Replacement parts and accessories.** When servicing, use only identical replacement parts. Use of any other parts will void the warranty.
- Keep children away.** Mount the Sensor and Receiver out of children's reach.
- 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.



SAVE THESE INSTRUCTIONS.



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: 1 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 6V DC 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: 2AA9QJR-178

Components and Controls

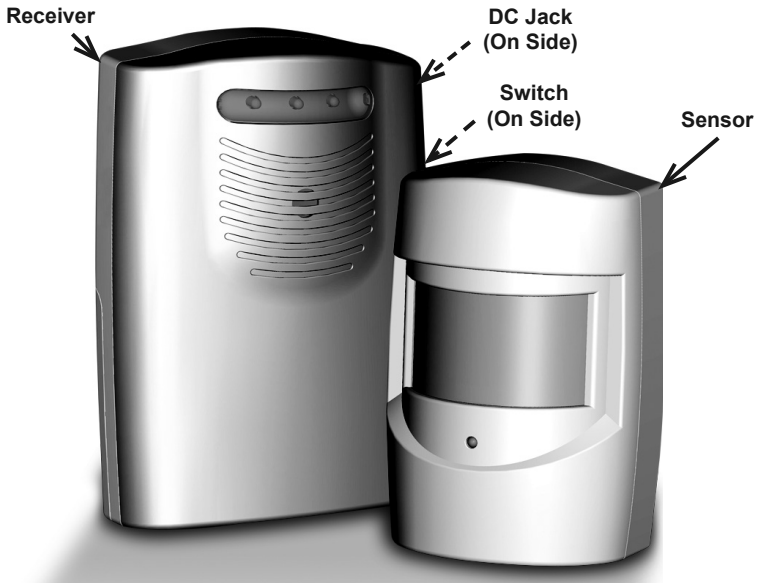


Figure A

Setup Instructions



Read the **ENTIRE IMPORTANT SAFETY INFORMATION** section at the beginning of this document including all text under subheadings therein before set up or use of this product.

Installing Batteries

NOTICE: Do not mix old and new batteries. Do not mix alkaline, standard (carbon-zinc), or rechargeable (nickel-cadmium) batteries. Position batteries in proper polarity. Do not use swollen or leaking batteries.

1. Using a screwdriver (not included), remove the Battery Cover of the Sensor, and insert one 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

WARNING! TO PREVENT SERIOUS INJURY: 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 three 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 eight 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.

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.

Maintenance



Procedures not specifically explained in this manual must be performed only by a qualified technician.

!WARNING

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

- 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.
- AFTER USE**, wipe external surfaces of the tool with clean cloth.
- Replace the batteries in the Receiver or Sensor when their low battery LED indicator lights.
- There are no replaceable parts on the Receiver or Sensor units.

Parts List

Part	Description	Qty
1	Sensor	1
2	Receiver	1

Part	Description	Qty
3	Hardware	1

Record Serial Number Here:

Note: If product has no serial number, record month and year of purchase instead.

Note: Some parts are listed and shown for illustration purposes only, and are not available individually as replacement parts. Specify UPC 193175427182 when ordering parts.

Limited 90 Day Warranty

Harbor Freight Tools Co. makes every effort to assure that its products meet high quality and durability standards, and warrants to the original purchaser that this product is free from defects in materials and workmanship for the period of 90 days from the date of purchase. This warranty does not apply to damage due directly or indirectly, to misuse, abuse, negligence or accidents, repairs or alterations outside our facilities, criminal activity, improper installation, normal wear and tear, or to lack of maintenance. We shall in no event be liable for death, injuries to persons or property, or for incidental, contingent, special or consequential damages arising from the use of our product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation of exclusion may not apply to you. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS.

To take advantage of this warranty, the product or part must be returned to us with transportation charges prepaid. Proof of purchase date and an explanation of the complaint must accompany the merchandise. If our inspection verifies the defect, we will either repair or replace the product at our election or we may elect to refund the purchase price if we cannot readily and quickly provide you with a replacement. We will return repaired products at our expense, but if we determine there is no defect, or that the defect resulted from causes not within the scope of our warranty, then you must bear the cost of returning the product.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

