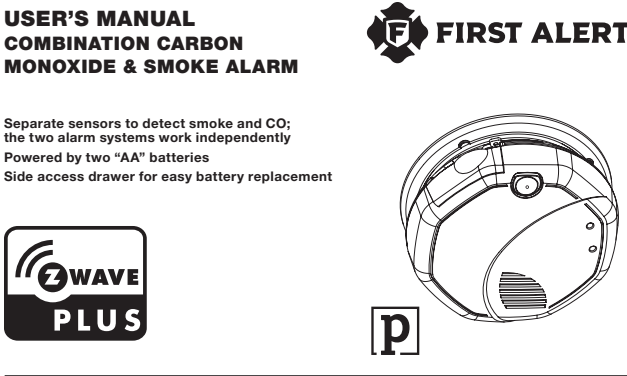




IMPORTANT! PLEASE READ CAREFULLY AND SAVE.

This user's manual contains important information about your combination Carbon Monoxide & Smoke Alarm's operation. If you are installing this alarm, please read this manual – or a copy of it – with the end user.

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Model ZCO/MBO
SKU 1044807

CONFORMS TO
UL STD 217 AND UL STD 2034

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SKU 1044807

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Customer Service Team: (800) 323-9005 • www.firstalert.com • www.brkelectronics.com

All First Alert® and BRK® Smoke Alarms conform to regulatory requirements, including UL217 and are designed to detect particles of combustion. Smoke particles of varying number and size are produced in all fires.

Ionization technology is generally more sensitive than photoelectric technology at detecting small particles, which tend to be produced in greater amounts by flaming fires, which consume combustible materials rapidly and spread quickly. Sources of these fires may include paper burning in a wastebasket, or a grease fire in the kitchen.

Photoelectric technology is generally more sensitive than ionization technology at detecting large particles, which tend to be produced in greater amounts by smoldering fires, which may smolder for hours before bursting into flame. Sources of these fires may include cigarettes burning in couches or bedding.

For maximum protection, use both types of Smoke Alarms on each level and in every bedroom of your home.

INTRODUCTION

FIRE SAFETY TIPS

Follow safety rules and prevent hazardous situations: 1) Use smoking materials properly. Never smoke in bed. 2) Keep matches or lighters away from children; 3) Store flammable materials in proper containers; 4) Keep electrical appliances in good condition and don't overload electrical circuits; 5) Keep stoves, barbecue grills, smokers and chimneys grease- and debris-free; 6) Never leave anything cooking on the stove unattended; 7) Keep portable heaters and open flames, like candles, away from flammable materials; 8) Don't let rubbish accumulate.

Keep alarms clean, and test them weekly. Replace alarms immediately if they are not working properly. Smoke Alarms that do not work cannot alert you to a fire. Keep at least one working fire extinguisher on every floor, and in the kitchen. Have fire escape ladders or other reliable means of escape from an upper floor in case stairs are blocked.

BASIC SAFETY INFORMATION

IMPORTANT!

- Dangers, Warnings, and Cautions alert you to important operating instructions or to potentially hazardous situations. Pay special attention to these items.
- This Smoke/CO Alarm is approved for use in single-family residences. It is NOT designed for marine or RV use.

CAUTION!

- This combination Smoke/Carbon Monoxide Alarm has two separate alarms. The CO Alarm is not designed to detect fire or any other gas. It will only indicate the presence of carbon monoxide gas at the sensor. Carbon monoxide gas may be present in other areas. The Smoke Alarm will only indicate the presence of smoke that reaches the sensor. The Smoke Alarm is not designed to sense gas, heat or flames.

WARNING!

- This Smoke/CO Alarm cannot operate without working batteries. Removing the batteries for any reason, or failing to replace the batteries at the end of their service life, removes your protection.
- NEVER ignore any alarm. See "If Your Smoke/CO Alarm Sounds" for more information on how to respond to an alarm. Failure to respond can result in injury or death.
- The Silence Features are for your convenience only and will not correct a problem. See "Using the Silence Features" for details. Always check your home for a potential problem after any alarm. Failure to do so can result in injury or death.
- Test this Smoke/CO Alarm once a week. If the Alarm ever fails to test correctly, have it replaced immediately! If the Alarm is not working properly, it cannot alert you to a problem.
- This Silence is intended for use in ordinary indoor locations of family living units. It is not designed to measure CO levels in compliance with Occupational Safety and Health Administration (OSHA) commercial or industrial standards. Individuals with medical conditions that may make them more sensitive to carbon monoxide may consider using warning devices which provide audible and visual signals for carbon monoxide concentrations under 30 ppm. For additional information on carbon monoxide and your medical condition contact your physician.

FCC COMPLIANCE

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 the interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, you can be determined by turning the equipment off or on. You are 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 of the receiver.
- Consult the dealer or an experienced radio or TV technician for help.

WARNING!

Changes or modifications to the product, not expressly approved by First Alert / BRK Brands, Inc., could void the user's authority to operate the equipment. 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.

INSTALLATION

WHERE TO INSTALL THIS ALARM

The Smoke Alarm is designed to be installed by the National Fire Protection Association (NFPA), is one Smoke Alarm on every floor, in every sleeping area, and in every bedroom (See "Regulatory Information For Smoke Alarms" for details on the NFPA recommendations).

For CO Alarms, the National Fire Protection Association (NFPA) recommends that a CO Alarm should be centrally located outside of each separate sleeping area in the immediate vicinity of the bedrooms. For added protection, install additional CO Alarms in each separate bedroom, and on every level of your home.

NOTE: For added protection, install an additional Smoke/CO Alarm at least 15 feet (4.6 meters) away from the furnace or fuel burning heat source where possible. In smaller homes or in certain situations, where the furnace or fuel burning heat source is located close to the alarm, the alarm should be centrally located outside of each separate sleeping area as possible from the furnace or other fuel burning source. Installing the Alarm closer than 15 feet (4.6 meters) will not harm the Alarm, but may increase the frequency of unwanted alarms.

To pair this ZCO/MBO alarm to a Ring or other compatible Z-Wave network, download the appropriate App and follow the instructions to Set up Device or Connect Device.

IN GENERAL, INSTALL COMBINATION SMOKE AND CARBON MONOXIDE ALARMS:

- On every level of your home, including finished attics and basements.
- Inside every bedroom, especially if people sleep with the door partly or completely closed.
- In the hall near every sleeping area, if your home has multiple sleeping areas, install a unit in each. If a hall is more than 40 feet (12 meters) long, install a unit at each end.
- At the top of first-to-second floor stairs.
- At the bottom of the basement stairs.
- For additional coverage, install Alarms in all rooms, halls, and storage areas, where temperatures normally remain between 40° F (4.4° C) and 100° F (37.8° C).

RECOMMENDED PLACEMENT

SUGGESTED AREAS FOR INSTALLING SMOKE ALARMS, CO ALARMS, AND COMBO UNITS

KEY:

- SMOKE ALARMS
- SMOKE ALARM WITH SILENCE FEATURE
- CO ALARMS
- BOTH CO AND COMBINATION SMOKE/CO ALARMS

Suggested locations are based on NFPA recommendations (NFPA 72) for Smoke Alarms and NFPA 720 for Carbon Monoxide Alarms. Always refer to national and local codes before beginning any installation.

In new construction AC and AC/DC smoke alarms MUST be interconnected to meet NFPA recommendations.

- When installing on the wall, the top edge of Smoke Alarms should be placed between 4 inches (102 mm) and 12 inches (305 mm) from the wall/ceiling line.
- When installing on the ceiling, place the alarm as close to the center as possible.
- In either case, install at least 4 inches (102 mm) from where the wall and ceiling meet. See "Avoiding Dead Air Spaces" for more information.

NOTE: For any location, make sure no door or other obstruction could keep carbon monoxide or smoke from reaching the Alarm.

Installing Smoke/CO Alarms in Mobile Homes

For minimum security install one Smoke/CO Alarm as close to each sleeping area as possible. For more security, put one unit in each room. If you have mobile homes (especially those built before 1978) have little or no insulation. If your mobile home is not well insulated, or if you are unsure of the amount of insulation, it is important to install units on inside walls only.

WHERE THIS ALARM SHOULD NOT BE INSTALLED

DO NOT LOCATE THIS SMOKE/CO ALARM:

- In garages, furnace rooms, crawl spaces and unfinished attics.
- Avoid extremely dusty, dirty or greasy areas.

WHERE THIS SMOKE/CO ALARM SHOULD NOT BE INSTALLED

DO NOT LOCATE THIS SMOKE/CO ALARM:

- Where combustion particles are produced. Combustion particles form when something burns. Areas to avoid include poorly ventilated kitchens, garages, and furnace rooms. Keep units at least 20 feet (6 meters) from the sources of combustion particles (stove, furnace, water heater space heater) if possible. In areas where a 20-foot (6 meter) distance is not possible – in auditoriums, mobile, or smaller homes, for example – it is recommended the Smoke Alarm be placed farther from these fuel-burning sources as possible. The placement recommendations are intended to keep these Alarms at a reasonable distance from a fuel-burning source, and thus reduce "unwanted" alarms. Unwanted alarms can occur if a Smoke Alarm is placed directly next to a fuel-burning source. Ventilate these areas as much as possible.
- Within 5 feet (1.5 meters) of any cooking appliance. In air streams near kitchens. Air currents can draw cooking smoke into the smoke sensor and cause unwanted alarms.
- In extremely humid areas. This Alarm should be at least 10 feet (3 meters) from a shower, sauna, humidifier, vaporizer, dishwasher, laundry room, utility room, or other source of high humidity.
- In direct sunlight.
- In turbulent air, like near ceiling fans or open windows. Blowing air may prevent CO or smoke from reaching the sensor.
- In areas where temperature is colder than 40° F (4.4° C) or hotter than 100° F (37.8° C). These areas include non-air-conditioned crawl spaces, unfinished attics, uninsulated or poorly insulated cellars, porches, and garages.
- In insect infested areas. Insects can clog the opening to the sensing chamber.
- Less than 12 inches (305 mm) away from fluorescent lights.
- Electrical "noise" can interfere with the sensor.
- In "dead air" spaces. See "Avoiding Dead Air Spaces".

AVOIDING DEAD AIR SPACES

"Dead air" spaces may prevent smoke from reaching the Smoke/CO Alarm. To avoid dead air spaces, follow installation recommendations below.

On ceilings, install Smoke/CO Alarms as close to the center of the ceiling as possible. If it is not possible, install the Smoke/CO Alarm at least 4 inches (102 mm) from the wall or corner.

For full mounting (if allowed by building codes), the top edge of Smoke/CO Alarms should be placed between 4 inches (102 mm) and 12 inches (305 mm) from the wall/ceiling line, below typical "dead air" spaces.

On a peaked, gable, or cathedral ceiling, install first Smoke/CO Alarm within 3 feet (0.9 meters) of the peak of the ceiling, measured horizontally. Additional Smoke/CO Alarms may be required depending on the length, angle, and size of the ceiling's slope. Refer to NFPA 72 for details on requirements for sloped or peaked ceilings.

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WEEKLY TESTING

WARNING!

- NEVER use an open flame of any kind to test this unit. You might accidentally damage or set fire to the unit or to your home. The built-in test switch accurately tests the unit's operation as required by Underwriters Laboratories, Inc. (UL). NEVER use vehicle exhaust! Exhaust may cause permanent damage and voids your warranty.
- DO NOT stand close to the Alarm when the horn is sounding. Exposure at close range may be harmful to your hearing. When testing, step away when horn starts sounding.

CAUTION!

It is important to test this unit every week to make sure it is working properly. Using the test button is the recommended way to test this Smoke/CO Alarm.

You can test this Smoke/CO Alarm: Press and hold the Test/Silence button 3-5 seconds until unit starts to alarm.

During testing, you will see and hear the following sequence:

- The Horn will sound 3 beeps, pause, 3 beeps. The Power/Silence LED flashes Red and the CO Alarm LED will be Off.
- Next the Horn will sound 4 beeps, pause, 4 beeps. The Power/Silence LED will be Off and the CO LED flashes Red.

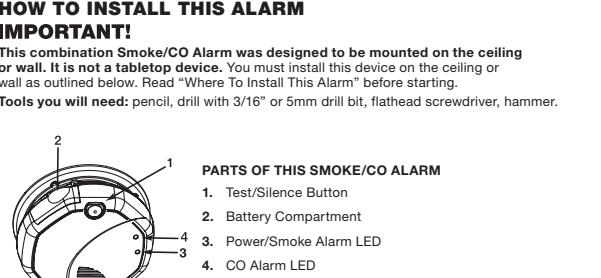
If the unit does not alarm, make sure the batteries are correctly installed, and test again. If the unit still does not alarm, replace it immediately.

HOW TO INSTALL THIS ALARM

IMPORTANT!

This combination Smoke/CO Alarm was designed to be mounted on the ceiling or wall. It is not a tabletop device. This unit must be installed on the ceiling or wall as outlined below. Read "Where To Install This Alarm" before starting.

Tools you will need: pencil, drill with 3/16" or 5/16" drill bit, flathead screwdriver, hammer.



CAUTION!

- Do not connect this unit to any other alarm or auxiliary device. It is a single-station device that cannot be linked to other devices. Connecting anything else to this unit may prevent it from working properly.
- Do not install this unit over an electrical junction box. Air currents around junction boxes can prevent smoke from reaching the sensing chamber and prevent the unit from alarming. Only AC powered units are intended for installation over junction boxes.

IMPORTANT!

If you want to lock the battery compartment, or lock the Smoke/CO Alarm to the mounting bracket, please read the "Optional Locking Features" section located at www.firstalert.com.

- Hold base firmly and twist the mounting bracket counterclockwise (left) to separate it from the unit.
- Hold the mounting bracket against the ceiling (or wall) so the vertical mounting slot is aligned in the 12 o'clock position and trace around the inside of the mounting slots (vertical and horizontal mounting).
- Put the unit where it won't get covered with dust when you drill the mounting holes.
- Using a 3/16" (5 mm) drill bit, drill a hole through the center of the oval outlets you traced.
- Insert the plastic screw anchors (in the plastic bag with screws) into the holes. Tap the screw anchors gently with a hammer. If necessary, until they are flush with the ceiling or wall.
- Line the mounting bracket up over the plastic screw anchors.
- Screw the mounting bracket to the ceiling or wall through the mounting slots using the two screws provided.

8. Before attaching the Alarm to the bracket, insert the two (2) AA batteries (included) into the battery compartment. Match the terminals on the unit. Match "+" to "+" and "-" to "-". If the batteries are not fully inserted, the unit cannot receive battery power.

NOTE: You will hear a beep briefly when you install the batteries. This is normal. The GREEN Light flashes about every 60 seconds when the unit is receiving battery power.

WARNING!

The battery door will resist closing unless batteries are installed. This warns you the unit will not operate without batteries.

9. Attach the Smoke/CO Alarm to the mounting bracket. Line up the guides on the alarm's base with the guides on the mounting bracket. When guides are lined up, turn the base clockwise (right) until it snaps into place.

NOTE: Once the Smoke/CO Alarm is snapped onto the mounting bracket, you can rotate the Smoke/CO Alarm to adjust the alignment.

10. Test the Smoke/CO Alarm. See "Weekly Testing" for details.

OTHER Z-WAVE SYSTEMS

This product can be operated in any Z-Wave network with other Z-Wave certified devices from other manufacturers. All non-battery operated nodes within the network will act as repeaters regardless of the vendor to increase the reliability of the network.

ADD

- Slide battery door open.
- Insert batteries checking the correct orientation.
- Press and hold the test button with your finger or thumb. Keep it held down as you slide the battery drawer closed. You may then release the button.

NOTE: Use only your finger or thumb on the test button. The use of any other instrument is strictly prohibited.

The alarm will remain awake for 30 seconds on inclusion.

REMOVE

- Slide battery door open.
- Remove and re-insert batteries checking the correct orientation.
- Press and hold the test button with your finger or thumb. Keep it held down as you slide the battery drawer closed. You may then release the button.

NOTE: Use only your finger or thumb on the test button. The use of any other instrument is strictly prohibited.

The alarm will remain awake for 30 seconds on inclusion.

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The alarm will remain awake for 30 seconds on inclusion.

RESET DEVICE

If the device powered up with the test button held down for 10+ seconds, the device will reset all Z-Wave settings and leave the network.

WARNING!

Remove the batteries to quiet an unwanted alarm. Removing the batteries disables the alarm and removes your protection.

The Silence Feature is intended to temporarily silence the horn while you identify and correct the problem. Do not use the Silence Feature in emergency situations. It will not correct a CO problem or extinguish a fire.

The Silence Feature can temporarily quiet an unwanted alarm for several minutes. Press the Test/Silence button on the alarm cover for at least 3-5 seconds.

After the Test/Silence button is released, the Red LED blinks during the silence mode.

NOTE: The device will not remain awake after resetting and will go into standby mode.

PROCEDURE TO MANUALLY WAKE-UP THE DEVICE

To manually wake-up the device, slide the battery door open wait for ~5 seconds and then slide the battery door closed. The device will wake-up and the LED will send the wake-up notification.

DSK LOCATION ON THE PRODUCT

The QR code and the 5-digit DSK pin can be found on the product nameplate which is located on the back of the product. The Full DSK string can be found on the product insert, available inside the product packaging.

For more information on Z-Wave specifications, visit www.firstalert.com/zwaveinfo.

REGULAR MAINTENANCE

This unit has been designed to be as maintenance-free as possible, but there are a few simple things you must do to keep it working properly.

- Test it at least once a week.
- Clean the Smoke/CO Alarm at least once a month; gently vacuum the outside of the Smoke/CO Alarm using your household vacuum's soft brush attachment. A can of clean compressed air (sold at hardware stores) may also be used. Follow manufacturer instructions for use.
- Test the Smoke/CO Alarm. Never use water, cleaners or solvents since they may damage the unit.
- If the Smoke/CO Alarm becomes contaminated by excessive dirt, dust and/or grime, and cannot be cleaned to avoid unwanted alarms, replace the unit immediately.
- Relocate the unit if it sounds frequent unwanted alarms. See "Where This Alarm Should Not Be Installed" for details.

Choosing a replacement battery:

Your Smoke/CO Alarm requires two standard AA batteries. The following batteries are acceptable as replacements: Energizer E91, Duracell MN1500LR. These batteries are available at many local retail stores.

WARNING!

- Always use the exact batteries specified by this User's Manual. DO NOT use rechargeable batteries. Clean the battery contacts and also those of the door prior to battery installation. Install batteries correctly with regard to polarity (+ and -).
- Keep batteries out of reach of children. In the event a battery is swallowed, immediately contact your poison control center, your physician, or the National Battery Ingestion hotline at 202-625-3333 as serious injury may occur.

WARNING!

Constant exposure to high or low temperatures or high humidity may reduce battery life.

WARNING!

Actual battery service life depends on the Smoke/CO Alarm and the environment in which it is installed. All the batteries specified above are acceptable replacement batteries for this unit. Regardless of the manufacturer's suggested battery life, you MUST replace the battery immediately once the unit starts "chirping" (the "low battery warning").

WARNING!

To replace the battery without removing the alarm from the ceiling or wall:

- Open the battery compartment.
- Press tabs A and B as shown in the diagram and remove each battery.
- Insert the new batteries, making sure they snap completely into the battery compartment. Match the terminals on the ends of the batteries with the terminals on the unit.
- Close the battery compartment, and then test the unit by pressing the Test/Silence button.

IF YOUR SMOKE/CO ALARM SOUNDS

WHAT TO DO FIRST-IDENTIFY THE TYPE OF ALARM

Type of Alarm	What You See and Hear
Carbon Monoxide (CO)	CO LED: Flashes Red Horn: 4 beeps, pause, 4 beeps, pause Power/Smoke LED: Off
Smoke	Power/Smoke LED: Flashes Red Horn: 3 beeps, pause, 3 beeps, pause CO LED: Off

IF THE CO ALARM SOUNDS

"ALARM-MOVE TO FRESH AIR"

If you hear the CO alarm horn and the CO red light is flashing, move everyone to a source of fresh air. Do not re-light the batteries!

WARNING!

Activation of your CO Alarm indicates the presence of carbon monoxide (CO) which can kill you. In other words, when your CO Alarm sounds, you must not ignore it!

IF THE CO ALARM SIGNAL SOUNDS:

- Operate the Test/Silence button.
- Call your emergency services, fire department or 911. Write down the number of your local emergency service here.
- Immediately move to fresh air—outdoors or by an open door or window. Do a head count to check that all persons are accounted for. Do not re-enter the premises, or move away from the open door or window until the emergency services responder has arrived; the premises have been aired out, and your CO Alarm remains in its normal condition.
- After following steps 1-3, if your CO Alarm reactivates within a 24-hour period, repeat steps 1-3 and call a qualified appliance technician to investigate for sources of fuel-burning equipment and appliances, and inspect for proper operation of this equipment. If problems are identified during this inspection have the equipment serviced immediately. Note any combustion equipment not inspected by the technician, and consult the manufacturer's instructions, or contact the manufacturers directly, for more information about CO safety and this equipment. Make sure that motor vehicles are not, and have not, been operating in an attached garage or adjacent to the residence. Write down the number of a qualified appliance technician here.

NOTE: A qualified appliance technician is defined as "a person, firm, corporation, or company that either in person or through a representative, is engaged in and responsible for the installation, testing, servicing, or replacement of heating, ventilation, air conditioning (HVAC) equipment, combustion appliances and equipment, and/or gas fireplaces or other decorative combustion equipment."

IF THE SMOKE ALARM SOUNDS

RESPONDING TO AN ALARM

- WARNING!**
- If the unit alarms and you are not testing the unit, it is warning you of a potentially dangerous situation that requires your immediate attention. NEVER ignore any alarm. Ignoring the alarm may result in injury or death.
- Never remove the batteries from a battery operated Smoke/CO Alarm to stop an unwanted alarm (caused by cooking smoke, etc.). Removing batteries disables the alarm so it cannot sense smoke, and removes your protection. Instead open a window or fan the smoke away from the unit. The alarm will reset automatically.
- If the unit alarms that everyone out of the house immediately.

WHAT TO DO IN CASE OF FIRE

Don't panic; stay calm. Follow your family escape plan. Get out of the house as quickly as possible. Don't stop to get dressed or collect anything. Feel doors with the back of your hand before opening them. If a door is cool, open it slowly. Don't open a hot door. Keep doors and windows closed, unless you must escape through them. Cover your nose and mouth with a cloth (preferably damp). Take short, shallow breaths. Meet at your planned meeting place outside your home, and do a head count to make sure everybody got out safely. Call the Fire Department as soon as possible from outside. Give your address, then your name. Never go back inside a burning building for any reason. Contact your Fire Department for ideas on making your home safer.

WARNING!

Alarms have various limitations. See "General Limitations of Smoke/CO Alarms" for details.

USING THE SILENCE FEATURES

WARNING!

Remove the batteries to quiet an unwanted alarm. Removing the batteries disables the alarm and removes your protection.

The Silence Feature is intended to temporarily silence the horn while you identify and correct the problem. Do not use the Silence Feature in emergency situations. It will not correct a CO problem or extinguish a fire.

The Silence Feature can temporarily quiet an unwanted alarm for several minutes. Press the Test/Silence button on the alarm cover for at least 3-5 seconds.

After the Test/Silence button is released, the Red LED blinks during the silence mode.

When the Smoke Alarm is Silenced	When the CO Alarm is Silenced
The Smoke Alarm will remain silent for up to 15 minutes, then return to normal operation. If the smoke has not cleared—or continues to increase—the device will go back into alarm.	The CO alarm will remain silent for up to 4 minutes. After 4 minutes, if CO levels remain potentially dangerous the horn will start sounding again.

SILENCING THE LOW BATTERY WARNING

This silence feature can temporarily quiet the low battery warning "chirp" for up to 8 hours. Press the Test/Silence button on the alarm cover. Once the low battery warning "chirp" silence feature is activated, the unit continues to flash the Green light once a minute for 8 hours. After 8 hours, the low battery "chirp" will resume. Replace the batteries as soon as possible; this unit will not operate without battery power.

To deactivate this feature: Press the Test/Silence button again. The unit will go into Test Mode and the low battery warning will resume (LED flashes and unit sounds "chirp" once a minute).

SILENCING THE END OF LIFE SIGNAL

This silence feature can temporarily quiet the End of Life warning "chirp" for up to 2 days. You can silence the End of Life warning "chirp" by pressing the Test/Silence button. The horn will chirp, acknowledging that the End of Life silence feature has been activated. After approximately 2 days, the End of Life "chirp" will resume.

WHAT YOU NEED TO KNOW ABOUT CO

CO is an invisible, odorless, tasteless gas produced when fossil fuels do not burn completely, or are exposed to heat (usually fire). Electrical appliances typically do not produce CO. These fuels include: Wood, coal, charcoal, oil, natural gas, gasoline, kerosene, and propane. Common appliances are often sources of CO. If they are not properly maintained, are improperly ventilated, or malfunction, CO levels can rise quickly. CO is a real danger now that homes are more energy efficient. "Air-tight" homes with better insulation, sealed windows, and other weatherproofing can "trap" CO inside.

SYMPTOMS OF CO POISONING

These symptoms are related to CO POISONING and should be discussed with ALL household members: Headaches, nausea, vomiting, fatigue ("flu-like" symptoms), dizziness, confusion, loss of consciousness, heart and lung failure.

Extreme Exposure: Convulsions, unconsciousness, heart and lung failure, death.

Exposure to Carbon Monoxide can cause brain damage, death.

IMPORTANT!

This CO Alarm measures exposure to CO over time. It alarms if CO levels are extremely high in a short period of time, or if CO levels reach a certain minimum over a long period of time. The CO Alarm generally sounds an alarm before the onset of symptoms in average, healthy adults. Why is this important? Because you need to be warned of a potential CO problem while you can still react in time. In many reported cases of CO exposure, victims were unaware that they were not feeling the effects of CO poisoning. They were not reacting well enough to exit the building or get help. Also, young children and pets may be the first affected. The average healthy adult might not feel any symptoms when the CO Alarm sounds. However, people with heart disease, respiratory problems, infants, unborn babies, pregnant mothers, or elderly people can be more quickly and severely affected by CO. If you experience even mild symptoms of CO poisoning, consult your doctor immediately!

FINDING THE SOURCE OF CO AFTER AN ALARM

Because CO is invisible and odorless, you must find a way to locate the source of CO after an alarm. These are a few of the factors that can make it difficult to locate sources of CO:

- House well ventilated before the investigator arrives.
- Problem caused by "backdrafting".
- Exhausted CO problem caused by special circumstances.

Because CO may disappear by the time an investigator arrives, it may be difficult to locate the source of CO. BRK Brands, Inc. shall not be obligated to pay for any carbon monoxide investigation or service call.

POTENTIAL SOURCES OF CO IN THE HOME

Fuel-burning appliances like: portable heater, gas or wood burning fireplace, gas kitchen range or cooktop, gas clothes dryer. Damaged or insufficient venting: disconnected or disconnected water heater vent pipe, leaking chimney pipe or flue, blocked heat exchanger, blocked or clogged chimney opening. Improper use of appliance: device operating a barbecue grill, vehicle in enclosed area, like a garage or screened porch.

Transient CO Problems: "Transient" or "short-off" against CO problems can be caused by outdoor conditions or other special circumstances.

THE FOLLOWING CONDITIONS CAN RESULT IN TRANSIENT CO SITUATIONS:

