USER'S MANUAL

BATTERY OPERATED CARBON MONOXIDE ALARM



Printed in Mexico M08-0013-003 **P** 06/07

IMPORTANT! PLEASE READ CAREFULLY AND SAVE.

This user's manual contains important information about your Carbon Monoxide (CO) Alarm's operation. If you are installing this CO Alarm for use by others, you must leave this manual—or a copy of it—with the end user.

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INTRODUCTION

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Consumer Affairs: (800) 323-9005

BASIC SAFETY INFORMATION

3901 Liberty Street Road, Aurora, IL 60504-8122

www.brkelectronics.com • www.firstalert.com

IMPORTANT!

- Dangers, Warnings, and Cautions alert you to important operating instructions or to potentially hazardous situations. Pay special attention to these items.
- THIS IS NOT A SMOKE ALARM! This CO Alarm is designed to detect carbon monoxide from ANY source of combustion. It is NOT designed to detect smoke, fire, or any other gas.
- . This CO Alarm is approved for use in single-family residences It is NOT designed for marine use.

ACAUTION!

 This CO Alarm will only indicate the presence of carbon monoxide gas at the sensor. Carbon monoxide gas may be present in other areas.

- AWARNING! The Silence Feature is for your convenience only and will not correct
- a CO problem. Always check your home for a potential problem after any alarm. Failure to do so can result in injury or death. NEVER ignore your Carbon Monoxide Alarm if it alarms. Refer to
- 'If Your CO Alarm Sounds" for more information. Failure to do so can result in injury or death. Test the CO Alarm once a week. If the CO Alarm ever fails to test
- correctly, have it replaced immediately! If the CO Alarm is not working properly, it cannot alert you to a proble This product 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 medica ondition contact your physician

HOW YOUR CO ALARM WORKS

GENERAL INFORMATION

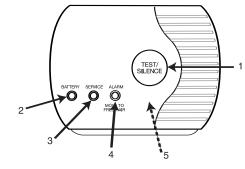
AWARNING!

. This Co Alarm does not operate without a working battery. Removing the battery, or failure to replace it at the end of its service life removes your protection

A CO Alarm measures the CO levels in the air. It will alarm if CO levels rise quickly (if the heat exchanger on your furnace breaks, for example), or if CO is consistently present (a slow CO leak on a fuel-burning appliance).

This carbon monoxide alarm features a permanently installed sensor, three colored indicator lights, and an 85dB alarm horn. It also has a silence feature to temporarily quiet the alarm horn.

THE COVER OF YOUR CO ALARM



1 Test/Silence Button 2 BATTERY Light (Green)

3 SERVICE Light (Yellow) 4 ALARM Light (Red)

(Behind Cover) Alarm Horn 85dB audible alarm for test alarm, and unit malfunction

WHAT THE LIGHTS AND ALARM TONES MEAN

WELCOME CHIRP



Horn chirps and battery light blinks green once when battery is first

The SERVICE light flashes YELLOW and the horn sounds 3 quick "chirps" every 30 seconds. CO

Alarm needs to be replaced.

BATTERY SERVICE ALARM

CO ALARM REQUIRES SERVICE

BATTERY SERVICE ALARM

ALARM RECEIVING CO ALARM IS IN ALARM BATTERY POWER

ATTERY SERVICE ALARM

BATTERY light flashes GREEN every 30 seconds. Horn is silent.

乀톤 Sensor has detected enough CO to trigger an alarm. ALARM light flashes RED rapidly and horn

sounds loudly. See "If Your CO

Alarm Sounds" for details

LOW BATTERY WARNING



The BATTERY light continues to flash GREEN and the horn "chirps every 30 seconds. This warning should last for up to 30 days, but you should replace the battery as soon as possible.

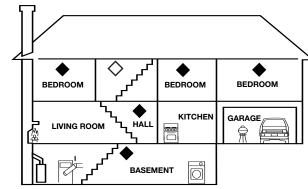
"ALARM-MOVE TO FRESH AIR" During an alarm, move everyone to a source of fresh air. DO NOT



INSTALLATION

WHERE TO INSTALL 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. If your bedroom hallway is longer than 40 feet 12 meters), install a CO Alarm



REQUIRED TO MEET NFPA RECOMMENDATIONS

◆ SUGGESTED AREAS FOR INSTALLING ADDITIONAL CO ALARMS

- In a Single-level Home
- Install at least one CO Alarm near or within each separate sleeping area. For added protection, install an additional CO Alarm at least 20 feet (6 meters) away from the furnace or fuel burning heat source.
- In a Multi-level Home:
- Install at least one CO Alarm near or within each separate sleeping area.
- For added protection, install at least one CO Alarm on each level of the home. If you have a basement, install that CO Alarm at the top of the
- For added protection, install an additional CO Alarm at least 20 feet (6 meters) away from the furnace or fuel burning heat source.
- In a Mobile Home:
- Install CO Alarms on inside walls ONLY. Uninsulated outside walls and roofs of mobile homes often transfer heat and cold from outdoors

WHERE CO ALARMS SHOULD NOT BE INSTALLED

- DO NOT LOCATE THIS CO ALARM:
- In garages, kitchens, furnace rooms, or in any extremely dusty, dirty or
- Closer than 20 feet (6 meters) from a furnace or other fuel burning heat source, or fuel burning appliances like a water heater
- Within 5 feet (1.5 meters) of any cooking appliance.
- In extremely humid areas. This alarm should be at least 10 feet (3 meters) from a bath or shower, sauna, humidifier, vaporizer, dishwasher, laundry room, utility room or other source of high humidity.
- In areas where temperature is colder than 40° F (4° C) or hotter than 100°F (38° C). These areas include unconditioned crawl spaces, unfinished attics, uninsulated or poorly insulated ceilings, porches, and garages
- In turbulent air like near ceiling fans, heat vents, air conditioners h air returns, or open windows. Blowing air may prevent CO from reaching the sensors.
- In direct sunlight.

AWARNING!

This CO Alarm is designed for use inside a single-family home or apartment. It is not meant to be used in common lobbies, hallways, or basements of multi-family buildings unless working CO Alarms are also installed in each family living unit. CO Alarms in common areas may not be heard from inside individual family living units.

AWARNING!

This CO Alarm alone is not a suitable substitute for complete detection systems in places which house many people, like hotels or dormitories, unless a CO Alarm is also placed in each unit.

AWARNING! DO NOT use this CO Alarm in warehouses, industrial or commercial buildings, special-purpose non-residential buildings, RVs, boats, or airplanes. This CO Alarm is specifically designed for residential use, and may not provide adequate protection in non-residential applications.

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HOW TO INSTALL YOUR CO ALARM

Read "Where To Install Your CO Alarm" before starting. This CO Alarm can be used on a tabletop or mounted on the wall. For tabletop use, choose able no taller than 36" (92 cm); a fall from a high table could damage the CO Alarm's sensitive components.

Before you start installation, find the pair of self-adhesive labels included with this CO Alarm. On each label write in the phone number of your emergency responder (like 911) and a qualified appliance technician. Place one near the CO Alarm, and the other label in the "fresh air" location you plan to go if the alarm sounds.

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."

INSTALLING THE 9V BATTERY





- Slide the mounting bracket/battery door off the back of the CO Alarm
- Attach the 9V battery (included) to the battery connector inside the battery compartment. Make sure the battery snaps in securely, and cannot be shaken loose
- 3. Place the battery and connector back inside the battery compartment.

AWARNING!

For your safety, the CO Alarm will not close until a 9V battery is installed.

FOR TABLETOP USE 1. Close the battery compartment by sliding the nounting bracket/battery door back onto the back of the CO Alarm

- 2. Test the CO Alarm as described below.
- 3. Set the CO Alarm in plain view on a table where it will not be blocked by any obstructions. Table height should not exceed 36" (92 cm). Put the CO Alarm where children and pets cannot reach it.

TO TEST THIS CO ALARM:

Push and hold the Test/Silence button on the cover until you hear a "chirp." The "chirp" marks the start of the self-test sequence

- First, the yellow and green lights will flash briefly—this is normal. Next, the alarm horn will sound: 4 beeps, a pause, then 4 beeps.
- The red light will flash quickly.

The alarm sequence should last 5-6 seconds. If it does not alarm, make sure a fresh battery is correctly installed, and test it again. If the unit still does not alarm, replace it immediately.

TO MOUNT ON THE WALL

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

- 1. Choose a location on the wall. Do not install the Alarm closer than 4" from where the wall meets the ceiling.
- Hold the mounting bracket against the wall. and make a mark inside each kevhole
- where you will drill your mounting hole. 3. Use a 3/16" drill bit to drill through the marks you made for the mounting holes.
- Insert the plastic screw anchors into the mounting holes until they are flush with the wall. If necessary, tap them gently with a hammer
- 5. Line up the mounting bracket up with the screw anchors, and screw the bracket onto the wall.
- 6. Slide the CO Alarm onto the mounting
- bracket until you feel it click into place. 7. Test the CO Alarm as described in "To Test



IF YOUR CO ALARM SOUNDS

AWARNING!

this CO Alarm.

Actuation of your CO Alarm indicates the presence of carbon monoxide (CO) which can kill you. In other words, when your CO Alarm sounds,

IF THE ALARM SIGNAL SOUNDS:

- . Operate the Test/Silence buttor
- 2. 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 reenter 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.
- 4. 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 CO from 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 manufacturers' 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 appliance technician here:



"ALARM-MOVE TO FRESH AIR" If you hear the alarm horn and the red light is flashing, move everyone to a source of fresh air.

DO NOT disconnect the battery from the CO Alarm!

AWARNING!

Alarms have various limitations. See "General Limitations of CO Alarms"

USING THE SILENCE FEATURE AWARNING!

The Silence Feature is for your convenience only and will not correct a CO problem. Always check your home for a potential problem after any alarm. Failure to do so can result in injury or death.

AWARNING!

If the CO Alarm..

NEVER remove the batteries from your CO Alarm to silence the horn. Use the silence feature. Removing the batteries removes your protection See "If Your CO Alarm Sounds" for details on responding to an alarm.

The Silence Feature is intended to temporarily silence your CO Alarm's alarm horn while you correct the problem—it will not correct a CO problem. While the alarm is silenced it will continue to monitor the air for CO. When CO reaches alarm levels the alarm will sound—repeating horn pattern: 4 beeps, a pause, 4 beeps, etc. Press and hold the Test/Silence button until the horn is silent. The initial Silence cycle will last approximately 4 minutes.

NOTE: After initial 4-minute Silence cycle, the CO Alarm re-evaluates present

CO levels and responds accordingly. If CO levels remain potentially danger- ous—or start rising higher—the horn will start sounding again.		
While the detector is silenced:		
If the CO Alarm	This means	
Is silent for only 4 minutes, then starts sounding loudly—4 beeps, pause, 4 beeps, pause	CO levels are still potentially dangerous.	

Remains silent after your pressed CO levels are dropping the Test/Silence buttor

This means...

TESTING & MAINTENANCE

WEEKLY TESTING

AWARNING!

- . Test the CO Alarm once a week. If the CO Alarm ever fails to test correctly, have it replaced immediately! If the CO Alarm is not working properly, it cannot alert you to a problem.
- DO NOT stand close to the Alarm when the horn is sounding. Exposure at close range may be harmful to your hearing. Whe testing, step away when horn starts sounding.

Push and hold the Test/Silence button on the cover until you hear a "chirp." The "chirp" marks the start of the self-test sequence

- First, the BATTERY (green) and SERVICE (yellow) lights will flash briefly— • Next, the alarm horn will sound: 4 beeps, a pause, then 4 beeps. The
- ALARM (red) light will flash quickly.

The alarm sequence should last 5-6 seconds. If it does not alarm, make sure a fresh battery is correctly installed, and test it again. If the unit still does not alarm, replace it immediately.

If the alarm does not test properly

- 1. Make sure a fresh battery is installed correctly.
- 2. Be sure the Alarm is clean and dust-free 3. Install a fresh 9V alkaline or lithium battery* and test the alarm again

AWARNING! DO NOT try fixing the Alarm yourself – this will void your warranty! If the CO Alarm is still not operating properly, and it is still under warranty, please see "How to Obtain Warranty Service" in the Limited Warranty. Install a new CO Alarm immediately.

AWARNING! The Test/Silence button is the only proper way to test the CO Alarm. NEVER use vehicle exhaust! Exhaust may cause permanent damage

and voids your warranty. *For a list of acceptable replacement batteries, see "Regular Maintenance."

REGULAR MAINTENANCE

- To keep the CO Alarm in good working order Test it every week using the Test/Silence button
- Vacuum the CO Alarm cover once a month, using the soft brush attachment. Never use water, cleaners, or solvents, since these may damage the unit. Test the CO Alarm again after vacuuming.
- Replace the battery when the CO Alarm "chirps" twice a minute (the low attery warning).

The low battery warning should last for 30 days, but you should replace the battery immediately to continue your protection.

Choosing a replacement battery: This CO Alarm requires one standard 9V alkaline battery. The following alka-

line batteries are acceptable as replacements: Duracell #MN1604 or MX1604; Eveready "Energizer" 522. You can also use an Ultralife 9 volt lithium battery #U9VL for longer service life between battery changes. These replacement batteries are commonly available at local retail stores IMPORTANT!

Use only the alkaline or lithium replacement batteries listed. The unit may not operate properly with other batteries. Never use rechargeable batteries since they may not provide a constant charge. ACAUTION! DO NOT spray cleaning chemicals or insect sprays directly on or near the CO Alarm. DO NOT paint over the CO Alarm. Doing so may cause

IMPORTANT!

sensor. When using any of these materials near the CO Alarm, make sure the

Household cleaners, aerosol chemicals, and other contaminants can affect the

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 added 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. Mild Exposure: Slight headache, nausea, vomiting, fatigue ("flu-like" symptoms)

Medium Exposure: Throbbing headache, drowsiness, confusion, fast heart rate.

Extreme Exposure: Convulsions, unconsciousness, heart and lung failure. Exposure to carbon

nonoxide can cause brain damage, death Some individuals are more sensitive to CO than others, including people with cardiac or respiratory problems, infants, unborn babies, pregnant mothers, or elderly people can be more quickly and severely affected by CO. Members of sensitive populations should consult their doctors for

advice on taking additional precautions.

FINDING THE SOURCE OF CO AFTER AN ALARM 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.

Transient CO problem caused by special circumstances.

Problem caused by "backdrafting."

HOW CAN I PROTECT MY FAMILY?

Because CO may dissipate 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.

A CO Alarm is an excellent means of protection. It monitors the air and

sounds a loud alarm before carbon monoxide levels become threatening for average, healthy adults. A CO Alarm is not a substitute for proper maintenance of home appliances.

- To help prevent CO problems and reduce the risk of CO poisoning: Clean chimneys and flues yearly. Keep them free of debris, leaves, and nests for proper air flow. Also, have a professional check for rust and corrosion, cracks, or separations. These conditions can prevent proper air movement and cause backdrafting. Never "cap" or cover a chimney in any way that would block air flow.
- Test and maintain all fuel-burning equipment annually. Many local gas or oil companies and HVAC companies offer appliance inspections for a nominal fee. Make regular visual inspections of all fuel-burning appliances. Check appli-

ances for excessive rust and scaling. Also check the flame on the burner and pilot lights. The flame should be blue. A yellow flame means fuel is not

peing burned completely and CO may be present. Keep the blower door

- on the furnace closed. Use vents or fans when they are available on all fuel-burning appliances. Make sure appliances are vented to the outside. Do not grill or barbecue indoors, or in garages or on screen porches. Check for exhaust backflow from CO sources. Check the draft hood on an operating furnace for a backdraft. Look for cracks on furnace
- Check the house or garage on the other side of shared wall.
- Keep windows and doors open slightly. If you suspect that CO is escaping into your home, open a window or a door. Opening windows and doors can significantly decrease CO levels. In addition, familiarize yourself with all enclosed materials. Read this

manual in its entirety, and make sure you understand what to do if your CO Alarm sounds.

POTENTIAL SOURCES OF CO IN THE HOME

- The following conditions can result in transient CO situations: 1. Excessive spillage or reverse venting of fuel appliances caused by outdoor conditions such as
- the vent pipes (cold/humid air with extended periods between cycles).
- Negative pressure differential resulting from the use of exhaust fans. • Several appliances running at the same time competing for limited
- · Vent pipe connections vibrating loose from clothes dryers, furnaces, or
- Extended operation of unvented fuel burning devices (range, oven,
- These conditions are dangerous because they can trap exhaust in your home. Since these conditions can come and go, they are also hard to recreate

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 may be aware that they are not feeling well, but become disoriented and can no longer react 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 cardiac or respiratory problems, infants, unborn babies

Standards: Underwriters Laboratories Inc. Single and Multiple Station carbon

According to Underwriters Laboratories Inc. UL2034, Section 1-1.2: "Carbon monoxide alarms covered by these requirements are intended to respond to

monoxide levels below those that could cause a loss of ability to react to the

dangers of Carbon Monoxide exposure." This CO Alarm monitors the air at the Alarm, and is designed to alarm before CO levels become life threatening.

This allows you precious time to leave the house and correct the problem

This is only possible if Alarms are located, installed, and maintained as

Audible Alarm: 85dB minimum at 10 feet (3 meters).

the presence of carbon monoxide from sources such as, but not limited to. exhaust from internal-combustion engines, abnormal operation of fuel-fired appliances, and fireplaces. CO Alarms are intended to alarm at carbon

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

during a CO investigation.

doctor immediately!

monoxide alarms UL2034.

WHAT LEVELS OF CO CAUSE AN ALARM?

gas kitchen range or cooktop, gas clothes dryer.

an enclosed area (like a garage or screened porch).

Underwriters Laboratories Inc. Standard UL2034 requires residential CO Alarms to sound when exposed to levels of CO and exposure times as described below. They are measured in parts per million (ppm) of CO over

UL2034 Required Alarm Points*:

or clogged chimney opening.

- If the alarm is exposed to 150 ppm of CO, IT MUST ALARM BETWEEN 10 and 50 MINUTES.

IMPORTANT!

hallway between them.

* Approximately 10% COHb exposure at levels of 10% to 95% Relative

alarm before the onset of symptoms in average, healthy adults.

IMPORTANT! CO Alarms are designed to alarm before there is an immediate life threat. Since you cannot see or smell CO, never assume it's not present

healthy adults, but after 4 hours the same level may cause headaches. An exposure to 400 ppm of CO may cause headaches in average, healthy adults after 35 minutes, but can cause death after 2 hours.

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

This CO Alarm is intended for residential use. It is not intended for use in industrial applications where Occupational Safety and Health Administration (OSHA) requirements for carbon monoxide detectors

with mobility limitations, make sure that someone is assigned to assist them in the event of an emergency CO Alarms will not work without power. This alarm requires a 9V alkaline or

lithium battery to operate. CO Alarms for Solar or Wind Energy users and battery backup power systems: AC powered CO Alarms should only be operated with true or pure sine wave inverters. Operating this Alarm with most battery-powered UPS (uninterruptible power supply) products or square wave or "quasi sine wave'

This CO Alarm will not sense carbon monoxide that does not reach the sensor. This CO Alarm will only sense CO at the sensor. CO may be presen in other areas. Doors or other obstructions may affect the rate at which CO eaches the CO Alarm. For this reason, if bedroom doors are usually c at night, we recommend you install a CO Alarm in each bedroom and in the

CO Alarms may not sense CO on another level of the home. For example

a CO Alarm on the second level, near the bedrooms, may not sense CO in the basement. For this reason, one CO Alarm may not give adequate warning. Complete coverage is recommended. Place CO Alarms on each level of the home.

*For a list of acceptable replacement batteries, see "Page 4: Regular Maintenance."

CO Alarms may not be heard. The alarm horn loudness meets or exceeds current UL standards of 85 dB at 10 feet (3 meters). However, if the CO Alarm is installed outside the bedroom, it may not wake up a sound sleeper or one who has recently used drugs or has been drinking alcoholic beverages. This is especially true if the door is closed or only partly open. Even persons who are awake may not hear the alarm horn if the sound is blocked by distance or closed doors. Noise from traffic, stereo, radio, television, air conditioner, or other appliances may also prevent alert persons from hearing the alarm horn. This CO Alarm is not intended for people who are hearing impaired.

of carbon monoxide, this CO Alarm does not sense smoke or fire. This CO Alarm senses CO that may be escaping unnoticed from malfunctioning furnaces, appliances, or other sources. Early warning of fire requires the installation of smoke alarms. CO Alarms are not a substitute for life insurance. Though these CO Alarms

CO Alarms are not a substitute for a smoke alarm. Although fire is a source

renters must still insure their lives. CO Alarms have a limited life. Although the CO Alarm and all of its parts

CO Alarms are not foolproof. Like all other electronic devices. CO Alarms have limitations. They can only detect CO that reaches their sensors. They

may not give early warning to rising CO levels if the CO is coming from a

TROUBLESHOOTING GUIDE			
PROBLEM	THIS MEANS	YOU SHOULD	
The BATTERY Light continues to flash GREEN and the horn "chirps" every 30 seconds.	Low battery warning.	Install a new 9V alkaline or lithium battery*.	
Horn chirps and yellow service light blinks three times every 30 seconds.	CO Alarm needs to be replaced.	CO Alarms under warranty should be returned to manufacturer for replacement. See "Limited Warranty" for details.	
CO Alarm goes back into alarm 4 minutes after you press the Test/Silence button.	CO levels indicate a potentially dangerous situation.	IF YOU ARE FEELING SYMPTOMS OF CO POISONING, EVACUATE your home and call 911 or the Fire Department. If not, press the Test/Silence button again and keep ventilating your home.	
CO Alarm sounds frequently even though no high levels of CO are revealed in an investigation.	The CO Alarm may be improperly located. Refer to "Where to Install CO Alarms."	Relocate your alarm. If frequent alarms continue, have home rechecked for potential CO problems. You may be experiencing an intermittent CO problem.	

If you have any questions that cannot be answered by reading this manual, call Consumer Affairs at 1-800-323-9005.

LIMITED WARRANTY BRK Brands, Inc. ("BRK") the maker of BRK® brand and First Alert® brand products, warrants that for a period of five years from the date of purchase, this product will be free from defects in material and workmanship. BRK, at its option, will repair or replace this product or any component of the product found to be defective

This warranty is valid for the original retail purchaser from the date of initial retail purchase and is not transferable. Keep the original sales receipt. Proof of purchase is required to obtain warranty performance. BRK dealers, service centers, or retail stores selling BRK products do not have the right to alter, modify or any way change the terms and conditions of this warranty.

BRK shall not be liable for any incidental or consequential damages caused by the breach of any express or implied warranty. Except to the extent prohibited by applicable law, any implied warranty of merchantability or fitness for a particular purpose is limited in duration to the duration of the above warranty. Some states, provinces, or jurisdictions do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts, so the above limitations or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that vary from state to state, or province to province.

Service: If service is required, do not return the product to your retailer. In order to obtain warranty service, contact the Consumer Affairs Division at 1-800-323-9005, 7:30 AM to 5:00 PM, Central Standard Time, Monday through Friday. To assist in serving you, please have the model number and date of purchase available when calling.

For Warranty Service return to: BRK Brands, Inc., 25 Spur Drive, El Paso, TX 79906

Battery: BRK Brands, Inc. makes no warranty, express or implied, written or oral, including that of merchantability or fitness for any particular purpose, with

Date Purchased:
Where Purchased:

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have passed many stringent tests and are designed to be as reliable as possible, any of these parts could fail at any time. Therefore, you must test

during the warranty period. Replacement will be made with a new or remanufactured product or component. If the product is no longer available, replacement may be made with a similar product of equal or greater value. This is your exclusive warranty.

This warranty does not cover normal wear of parts or damage resulting from any of the following: negligent use or misuse of the product, use on improper voltage or current, use contrary to the operating instructions, disassembly, repair or alteration by anyone other than BRK or an authorized service center. Further, the warranty does not cover acts of God, such as fire, flood, hurricanes and tornadoes or any batteries that are included with this unit.

How to Obtain Warranty Service

For your records, please record:

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• Wind direction and/or velocity, including high, gusty winds. Heavy air in

• Obstructions in or unconventional vent pipe designs which can amplify the above situations.

fireplace).

3. Temperature inversions, which can trap exhaust close to the ground.

4. Car idling in an open or closed attached garage, or near a home.

UNDERWRITERS LABORATORIES INC. UL2034

Fuel-burning appliances like: portable heater, gas or wood burning fireplace

Damaged or insufficient venting: corroded or disconnected water heater vent pipe, leaking chimney pipe or flue, or cracked heat exchanger, blocked

Improper use of appliance/device: operating a barbecue grill or vehicle in

Transient CO Problems: "transient" or on-again-off-again CO problems can

be caused by outdoor conditions and other special circumstances

time (in minutes).

If the alarm is exposed to 400 ppm of CO, IT MUST ALARM BETWEEN 4 and 15 MINUTES.

If the alarm is exposed to 70 ppm of CO, IT MUST ALARM BETWEEN 60 and 240 MINUTES.

An exposure to 100 ppm of CO for 20 minutes may not affect average

Gas Detection at Typical Temperature and Humidity Ranges: The CO Alarm is not formulated to detect CO levels below 30 ppm typically. UL tested for false alarm resistance to Methane (500 ppm), Butane (300 ppm), Heptane (500 ppm), Ethyl Acetate (200 ppm), Isopropyl Alcohol (200 ppm) and Carbon Dioxide (5000 ppm). Values measure gas and vapor concentrations in parts

described in this manual.

GENERAL LIMITATIONS OF CO ALARMS

CO alarms may not waken all individuals. If children or others do not readily waken to the sound of the CO alarm, or if there are infants or family members

inverters will damage the Alarm. If you are not sure about your inverter or UPS type, please consult with the manufacturer to verify.

warn against increasing CO levels, BRK Brands, Inc. does not warrant or imply in any way that they will protect lives from CO poisoning. Homeowners and

remote part of the home, away from the CO Alarm