AWARNING! Use only the replacement batteries listed below. The unit may not operate properly with other batteries. Never use rechargeable batteries since they may not provide a constant charge.

Test it at least once a week.

are a few simple things you must do to keep it working properly

- Clean the CO Alarm at least once a month; gently vacuum the outside of the CO Alarm using your household vacuum's soft brush attachment. A can of clean compressed air (sold at computer or office supply stores) may also be used. Follow manufacturer instructions for use. Test the CO Alarm. Never use water cleaners or solvents since they may damage the
- If the 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 CO Alarms Should Not Be Installed" for details.

Choosing a replacement battery: Your CO Alarm requires two standard AA batteries. The following batteries are acceptable as replacements: Energizer E91. These batteries are available at many local retail stores.

Actual battery service life depends on the CO Alarm and the environment in which it is installed. All the batteries specified above are acceptable replace-

ment 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").

To replace the batteries (without removing Alarm from the ceiling or wall):

\$89 ·

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

and propane.

WHAT YOU NEED TO KNOW ABOUT CO WHAT IS CO?

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,

CO is an invisible, odorless, tasteless gas produced when fossil fuels do not

Common appliances are often sources of CO. If they are not properly ma tained, 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'

SYMPTOMS OF CO POISONING These symptoms are related to CO POISONING and should be discussed

Mild Exposure: Slight headache, nausea, vomiting, fatigue ("flu-like"

Medium Exposure: Throbbing headache, drowsiness, confusion, fast hear

Extreme Exposure: Convulsions, unconsciousness, heart and lung failure. **ACAUTION!**

Some individuals are more sensitive to CO than others, including people

with cardiac or respiratory problems, infants, unborn babies, pregnan 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.

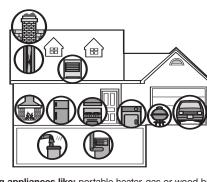
FINDING THE SOURCE OF CO AFTER AN ALARM

Carbon monoxide is an odorless, invisible gas, which often makes it difficult 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." • Transient CO problem caused by special circumstances.
- 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.

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: corroded or disconnected water heater

vent pipe, leaking chimney pipe or flue, or cracked heat exchanger, blocked nimney opening Improper use of appliance/ device: operating a barbecue grill or vehicle in

an enclosed area (like a garage or screened porch) Transient CO Problems: "transient" or on-again-off-again CO problems can

be caused by outdoor conditions and other special circumstance The following conditions can result in transient CO situations:

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

1. Excessive spillage or reverse venting of fuel appliances caused by outdoor

- 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, Obstructions in or unconventional vent pipe designs which can amplify
- the above situations. 2. Extended operation of unvented fuel burning devices (range, oven,

- 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.

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 during a CO investigation.

HOW CAN I PROTECT MY FAMILY FROM CO POISONING?

a loud alarm before Carbon Monoxide levels become threatening for average, nealthy adults.

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 prope

- 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 • Make regular visual inspections of all fuel-burning appliances. Check
- appliances 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 being 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 heat exchangers.
- · 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.

n addition, familiarize yourself with all enclosed materials. Read this anual in its entirety, and make sure you understand what to do if your

REGULATORY INFORMATION FOR CO ALARMS **UNDERWRITERS LABORATORIES INC. UL2034**

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 time (in minutes).

UL2034 Required Alarm Points*:

WHAT LEVELS OF CO CAUSE AN ALARM?

- If the alarm is exposed to 400 ppm of CO, IT MUST ALARM BETWEEN 4 and 15 MINUTES. If the alarm is exposed to 150 ppm of CO, IT MUST ALARM BETWEEN 10 and 50 MINUTES.
- If the alarm is exposed to 70 ppm of CO, IT MUST ALARM BETWEEN 60 and 240 MINUTES. Approximately 10% COHb exposure at levels of 10% to 95% Relative

The unit is designed not to alarm when exposed to a constant level of

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

This CO Alarm measures exposure to CO over time. It alarms if CO levels

If the Alarm...

Silence it.

Date Purchased

Date Installed:

Horn "chirps" about once per minute.

LED has 3 rapid flashes with "chirps"

orn does three rapid "chirps" every minute;

The Alarms are linked but do not communicate with

CO Alarm goes back into alarm 4 minutes after you

CO Alarm sounds frequently even though no high

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 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 health adult might not feel any symptoms when the CO Alarm sounds. However, people with cardiac or respiratory problems, infants, unborn babies, pregnan nothers, or elderly people can be more quickly and severely affected by CO If you experience even mild symptoms of CO poisoning, consult your docto

REGULATORY INFORMATION FOR CO ALARMS, Continued

monoxide alarms UL2034.

According to Underwriters Laboratories Inc. UL2034, Section 1-1.2: "Carbon monoxide alarms covered by these requirements are intended to respond to 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 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 sible if Alarms are located, installed, and maintained as described in this manual.

Standards: Underwriters Laboratories Inc. Single and Multiple Station carbon

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

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

GENERAL LIMITATIONS OF CO ALARMS

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

waken to the sound of the CO alarm, or if there are infants or family members 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 two (2) AA batteries to operate.

systems: AC powered CO Alarms should only be operated with true or pure sine wave inverters. Operating this Alarm with most battery-powered UPS uptible power supply) products or square wave or "quasi sine wa overters **will damage the Alarm**. If you are not sure about your inverter or UPS type, please consult with the manufacturer to verify. 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 present in other areas. Doors or other obstructions may affect the rate at which CO reaches the CO Alarm. For this reason, if bedroom doors are usually closed 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 CO Alarms may not be heard. The alarm horn loudness meets or exceeds

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, o other appliances may also prevent alert persons from hearing the alarm horr This CO Alarm is not intended for people who are hearing impaired. CO Alarms are not a substitute for a smoke alarm. Although fire is a

source of carbon monoxide, this CO Alarm does not sense smoke or fire. This CO Alarm senses CO that may be escaping unnoticed from malfunctioning naces, appliances, or other sources. Early warning of fire requires the installation of smoke alarms.

in any way that they will protect lives from CO poisoning. Homeowners and CO Alarms have a limited life. Although the CO Alarm and all of its parts

possible, any of these parts could fail at any time. Therefore, you must test CO Alarms are not foolproof. Like all other electronic devices, CO Alarms

Problem.. You should. nstall two new AA batteries' Low battery warning. MALFUNCTION SIGNAL. Device is not working Inits under warranty should be returned to properly, and needs to be replaced. nanufacturer for replacement. See "Limited" Warranty" for details. Possible interference. Reference the Wireless Move Alarms to different locations. Add an additional Operation section of this manual. Alarm between the unresponsive Alarms to route the ignal around obstructions. CO levels indicate a potentially dangerous IF YOU ARE FEELING SYMPTOMS OF CO POISONING, EVACUATE your home and call 911 or the Fire Department. Refer to "If The CO Alarm

If you have questions that cannot be answered by reading this manual, call Consumer Affairs at 1-800-323-9005, M-F 7:30 a.m. to 5:00 p.m. (CST)

Where to Install CO Alarms" for details

LIMITED WARRANTY

The CO Alarm may be improperly located. Refer to

TROUBLESHOOTING GUIDE

BRK Brands, Inc., ("BRK") the maker of 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 during the warranty period. Replacement will be made with a new or emanufactured product or component. If the product is no longer available, placement may be made with a similar product of equal or greater value. nis is your exclusive warranty.

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, odify or any way change the terms and conditions of this warranty.

his 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 jurricanes and tornadoes or any batteries that are included with this unit.

For your records, please record:

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 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.

How to Obtain Warranty Service

TABLE OF CONTENTS

What You Need To Know About CO

Troubleshooting Guide

Printed in Mexico M08-0195-000 **Q** 03/07

Service: If service is required, do not return the product to your retailer. n order to obtain warranty service, contact the Consumer Affairs Division at -800-323-9005, 7:30 AM - 5:00 PM Central Standard Time, Monday through Friday. To assist us 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 7990 Battery: BRK Brands, Inc. make no warranty, express or implied, written or oral, including that of merchantability or fitness for any particular purpose with respect to battery.

Basic Safety Information Where Purchased: Wireless Operation . . Month/Year installation . Where to Install This Alarm Where CO Alarms Should NOT Be Installed . . Replacement date is five years after installation: How to Install This Alarm . . Step By Step Guide to Programming This Alarm Adding and Linking Additional ONELINK® Alarms. NOTE: End of Life Signal — Once the unit reaches the end of its lifecycle, the MALFUNCTION SIGNAL will sound once a minute to What You Will See and Hear With This Alarm . . . ndicate the need to immediately replace the Alarm. If Your CO Alarm Sounds Using the Silence Features

ntroduction

Potential Sources of CO in the Home . How Can I Protect My Family From CO Poisoning? Regulatory Information For CO Alarms Underwriters Laboratories Inc. UL 2034 General Limitations Of CO Alarms

Silencing the Low Battery Warning . Latching Features . Weekly Testing Regular Maintenance . . .

> ACAUTION! Changes or modifications not expressly approved by BRK Brands, Inc. could void the user's authority to operate the equipment.

ONELINK® Smoke/CO Alarms.

USER'S MANUAL

Voice with Programmable Location

ONELINK® Enabled

Two Latching Features

Two Silence Features

Model CO511

M08-0195-000 Q 03/07

enabled alarms when installed.

other installed ONELINK® Voice alarms.

hrough the 2200 – 3400 Hz range.

requency hopping.

in low battery condition.

IMPORTANT! PLEASE READ CAREFULLY AND SAVE

This user's manual contains important information about your Carbon

you must leave this manual—or a copy of it—with the end user.

early warning of a carbon monoxide danger. Key features include:

Exclusive Voice Warning with Location will tell you the preprogramm

RF Interconnect. Reliable and secure radio frequency communication

Monoxide Alarm's operation. If you are installing this Alarm for use by others

Thank you for choosing First Alert® for your Carbon Monoxide Alarm needs.

You have purchased a state-of-the-art Alarm designed to provide you with

ONELINK® Enabled. Alarm automatically communicates with other ONELINK®

location of the initiating unit and danger detected. Programmable up to 11 locations (ex. "basement"). When alarms sounds, if programmed for basemer it will say "Warning, evacuate, carbon monoxide in basement" along with all

Spread Spectrum Horn Tone. Lower and varying horn frequency makes it

easier for elderly with normal age related hearing loss to hear horn. Sweeps

etween alarms. 915MHz frequency with 65,000 security codes and 3 channel

Single Button Test/Silence eliminates confusion. Depending on what mode

the alarm is in, pushing the button provides different functions such as testing

the alarm, silencing the alarm, re-testing the alarm when in silence and clearing

nours before replacing low battery or silence an unwanted alarm for several

after alarm condition has subsided. Low Battery Latch: Identifies which unit is

Perfect Mount System includes a gasketless base for easy installation and a

actually powered-up, a malfunction chirp (triple chirp) will sound once a minute

Dangers, Warnings, and Cautions alert you to important operating

instructions or to potentially hazardous situations. Pay special

• 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.

This CO Alarm is approved for use in single-family residences.

nounting bracket that keeps the alarm secure over a wide rotation range to

6 Year End of Life Timer. Every 24 hours of operation a counter stored in

nemory is updated. When the count equals 6 years of true operation

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Consumer Affairs: (800) 323-9005 • www.firstalert.com

at the time of the 45 second Power-LED flash.

BASIC SAFETY INFORMATION

attention to these items.

result in injury or death.

ACAUTION!

Two Silence Features. Temporarily silence low battery chirp for up to eight

Two Latching Features. Alarm Latch: Easily identifies initiating alarm ever

IL STANDAR

ONELINK® BATTERY OPERATED

CARBON MONOXIDE ALARM

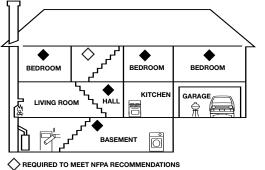
Voice Warning

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 at BOTH ends of the hallway.

Refer to state and local building codes for additional requirements



● SUGGESTED AREAS FOR INSTALLING ADDITIONAL CO ALARMS

In a Single-level Home

basement stairs.

- 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 Mobile Homes:
- 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 15 feet (4.6 meters) from a furnace or other fuel burning heat source, or fuel burning appliances like a water heate
- Within 5 feet (1.5 meters) of any cooking appliance • 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, fresh air
- returns, or open windows. Blowing air may prevent CO from reaching the
- 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, hall-ways, 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.

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

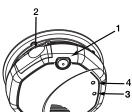
DO NOT use this CO Alarm in warehouses, industrial or com buildings, special-purpose non-residential buildings, RVs, boats, or airplanes. This CO Alarm is specifically designed for residential use, and may not provide adequate protection in non-residential

HOW TO INSTALL THIS ALARM

For quick installation instructions see the "Quick Installation Instructions

IMPORTANT!

This CO Alarm was designed to be mounted on the ceiling or wall. It is not a tabletop device. You must install this device on the ceiling or wall as outlined below. Read "Where To Install CO Alarms" before starting.



PARTS OF THIS CO ALARM 1 Test/Silence Button 2 Battery Compartment

3 Power LED 4 CO Alarm LED

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

- 1. 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).
- 2. Put the unit where it won't get covered with dust when you drill the mounting holes.
- 3. Using a 3/16" (5 mm) drill bit, drill a hole through the center of the oval outlines you traced.
- 4. 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 5. 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.
- 7. Attach the 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 Alarm is snapped onto the mounting bracket, you can rotate

8. Test the CO Alarm. See "Weekly Testing"



STEP BY STEP GUIDE TO PROGRAMMING **THIS ALARM**

FOR FIRST TIME AND WHEN CHANGING BATTERIES

Action:	Alarm Will Say:
1. Insert batteries (2, AA batteries).	"Welcome, First Alert Carbon Monoxide Alarm."
	"No location programmed" if <i>first time</i> or "[Location, example: "Basement"] location programmed" when changing batteries.
	"To select location, press and hold test button now."
Press & Hold Test Button if you would like to program the location or change the location of the Alarm. Release button after Alarm responds	"To save location, press and hold test button after location is heard." Alarm will speak list of locations (see below).

you are placing the Alarm, Press & Hold the Test Button. Your Alarm has now been programmed for the location of your choice. Available locations

Basement

No location saved." Child's Bedroom **OPTIONAL LOCKING FEATURES**

The optional locking features are designed to prevent unauthorized removal of the battery or alarm. It is not necessary to activate the locks in

These CO Alarms have two separate locking features: one to lock the battery compartment, and the other to lock the CO Alarr to the mounting bracket. You can choose to use either feature independently, or use them both.

Tools you will need: • Needle-nose pliers • Standard flathead screwdriver.

Both locking features use locking pins, which are molded into the mounting bracket. Depending on which locking features you

To permanently remove either locking pin, insert a flathead screwdriver between the locking pin and the lock, and pry

TO UNLOCK THE BATTERY COMPARTMENT 1. Remove the CO Alarm from the mounting bracket. If the unit is locked to the bracket, see the section

it out of the battery compartment lock. (If you plan to relock the battery compartment, save the locking pin.) 3. To relock the battery compartment,

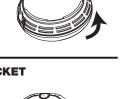
4. Reattach the CO Alarm to the mounting

bracket.

IMPORTANT!

When replacing the batteries, always test the Alarm before relocking the battery

- rectangular cut-out on the mounting bracket nearest to the locking pin.
- 2. Pry the CO Alarm away from the



ADDING AND LINKING ADDITIONAL ONELINK® ALARMS NOTE: Steps 1 through 3 need to be completed within two minutes. If more than two minutes pass, the Green power LED will stop blinking. Simply open the battery drawer of the second Alarm and repeat

use, remove one or both pins from the mounting bracket using needle-nose pliers.

Do not lock the battery compartment until you install the batteries and

TO LOCK THE BATTERY COMPARTMENT

If the unit does not alarm during testing DO NOT lock the battery compartment!

If the CO Alarm still does not alarm, replace

Using needle-nose pliers, detach one

locking pin from the mounting bracket.

After batteries are inserted, then push

the locking pin through the hole near the battery door latch on the back of the CO

TO LOCK THE MOUNTING BRACKET

Using needle-nose pliers, detach one

locking pin from the mounting bracket.

When you attach the CO Alarm to the

mounting bracket, the locking pin's head will fit into a notch on the bracket.

Insert the locking pin through the hole on

the back of the CO Alarm as shown in the

IMPORTANT!

IMPORTANT!

DO NOT lock the battery co

the pin out of the lock.

steps 1 through 3. 1. Insert the batteries into the battery DO NOT CLOSE THE DRAWER.

Press and hold the test button and then close the battery drawer. 3. Once you hear the unit chirp.

release the test button. The Green power LED will start to blink indicating the ONELINK® Alarm is waiting for program data from one of the other setup ONELINK® Alarms.

4. Press and hold the test button on the first Alarm, until the second Alarm chirps and its Green power LED stops blinking. Then release the test button

5. If you have purchased the hardwired battery back-up ONELINK® Alarm. you can now connect the hardwired Alarm by installing the three-wire connector on the ceiling to the Alarm.

You have now successfully linked your new ONELINK® Alarms. To add additional Alarms at a later time, follow steps 1 through 5.

6. Repeat steps 1-5 for additional ONELINK® Alarms.

WHAT YOU WILL SEE AND HEAR WITH THIS ALARM

Under Normal Operations

Voice: Silent Horn: Silent

Power LED: Flashes Green once/minute When You Test the Alarm

Voice: "Testing." Horn: 4 fast beeps, pause, 4 fast beeps; Voice: "Warning, evacuate carbon monoxide in [Location, example

"Basement"]. Evacuate." Pause. "Highest carbon monoxide level was [CO level example: _0_ ppm]".

CO LED: Flashes Red in sync with the horn pattern If Battery Becomes Low or is Missing Voice: "Replace battery in [Location, example "Basement"].

Horn: chirps once a minute Power LED: Flashes Green On for 2 seconds/Off for 2 seconds. Low Battery Latch is now engaged.

If Alarm is Not Operating Properly (MALFUNCTION SIGNAL)

Voice: "Detector error in [Location, example "Basement"], please see manual." Repeated every 5 hours Horn: Three rapid chirps every minute

CO LED: Flashes approximately once a minute Alarm Levels of CO are Detected Horn: 4 fast beeps, pause, 4 fast beeps, pause*

Voice: "Warning, evacuate carbon monoxide in [Location, example "Basement"]. Evacuate." Pause. "Highest carbon monoxide level was [CO level example: ___ ppm]". Horn: 4 beeps, pause, 4 beeps, pause repeating 2 times followed by Voice Warning above.

CO LED: During Alarm: Flashes Red in sync with the horn pattern. After Alarm: Flashes Red On for 2 seconds/Off for 2 seconds. CO Alarm Latch is now engaged. *NOTE: If unit goes into CO alarm, the regular 4 beeps-brief pause cycle will repeat for fifteen minutes. After fifteen minutes, the pause will increase to one

CO Alarm is Silenced

CO LED: Flashes Red

What You See and Hear

IF YOUR CO ALARM SOUNDS

AWARNING! Actuation 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!

Refer to section "What You Will See and Hear With This Alarm".

IF THE 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 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.

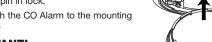
After following steps 1-3, if your CO Alarm reactivates within a 24-hour

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 garage or adjacent to the residence. Write down the number of a qualified appliance technician here:

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

To Unlock the Mounting Bracket." 2. Insert a flathead screwdriver under the head of the locking pin, and gently pry

close the battery door and reinsert locking pin in lock.



- Insert a flathead screwdriver into the
- bracket by pushing up on the screw-driver and turning the CO Alarm counterclockwise (left) at the same



AWARNING! Never 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

minutes. You can silence this Alarm by pressing 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

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. You can silence the low battery warning "chirp" by pressing the

continues to flash the Green light twice a minute for 8 hours. After 8 hours, the low battery "chirp" will resume. Replace the batteries as soon as possible;

go into Test Mode and the low battery warning will resume (LED flashes and unit sounds "chirp" once a minute).

LATCHING FEATURES Alarm Latch is activated after an Alarm is exposed to alarm levels of carbon monoxide. After CO levels drop below alarm levels, the "CO" Red LED will

Low Battery Latch is activated when the Alarm is in the "low battery condition When this occurs, the **Power** LED flashes Green On for 2 seconds/Off for 2 seconds for about 15 minutes. This feature is designed to help you identify which Alarm needs to have the battery replaced. Although, the Alarm will sound the low battery chirp approximately once every minute, sometimes during the initial stages of "low battery", the Alarm will chirp in greater intervals

Test the CO Alarm once a week. If the CO Alarm ever fails to test

. 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.

You can test this CO Alarm by pressing and holding the Test/Silence button on the Alarm cover (typically 3-5 seconds).

If the unit does not alarm, make sure the batteries are correctly installed, and

During testing, you will see and hear the following sequence: • The **Horn** will sound 4 beeps, pause, 4 beeps. The **Power LED** will be

AWARNING!

TO UNLOCK THE MOUNTING BRACKET



move everyone to a source of fresh air.

DO NOT remove the batteries! **USING THE SILENCE FEATURES**

ALARM—MOVE TO FRESH AIR

If you hear the CO alarm horn and the CO red light is flashing.

identify and correct the problem. Do not use the Silence Feature in emergency situations. It will not correct a CO problem. The Silence Feature can temporarily quiet an unwanted alarm for several

When the CO Alarm is Silenced the CO Alarm will remain silent for up to 4 minutes. After 4 minutes, if CO levels remain potentially dangerous the horn

Test/Silence button on the alarm cover. Once the low battery warning "chirp" silence feature is activated, the

this unit will not operate without battery power! To deactivate this feature: Press the Test/Silence button again. The unit will

begin to flash On for 2 seconds/Off for 2 seconds. It will continue to flash or "latch" for about 15 minutes, to give you time to determine which unit initiated the alarm.

than one minute, sometimes up to several hours, until the battery reaches a steady low battery level. This innovative feature eliminates the frustration of waiting for and/or identifying which unit is chirping.

properly, have it replaced immediately! If the CO Alarm is not

ACAUTION! 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 CO Alarm.

Off and the CO LED flashes Red. test again. If the unit still does not alarm, replace it immediately

ONELINK® is a trademark of BRK Brands, Inc.

First Alert® is a registered trademark of the First Alert Trust used under license.

A CO Alarm is an excellent means of protection. It monitors the air and sounds A CO Alarm is not a substitute for proper maintenance of home

CO alarms may not waken all individuals. If children or others do not readily

CO Alarms for Solar or Wind Energy users and battery backup power

CO Alarms are not a substitute for life insurance. Though these CO Alarms warn against increasing CO levels, BRK Brands, Inc. does not warrant or imply

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 remote part of the home, away from the CO Alarm.

Relocate your Alarm. If frequent alarms continue.

have home rechecked for potential CO problems

You may be experiencing an intermittent CO problem.

AWARNING! This 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 CO Alarm Sounds" for more

. The Silence Features are for your convenience only and will not

correct a problem. See "Using the Silence Features" for details

information on how to respond to an alarm. Failure to respond can

Carbon monoxide gas may be present in other areas.

ways check your home for a potential problem after any alarm. Failure to do so can result in injury or death. Test this 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 product is intended for use in ordinary indoor locations of family living units. It is not designed to measure CO levels in com-pliance with Occupational Safety and Health Administration (OSHA) commercial or industrial standards. Individuals with medical condi-

tions that may make them more sensitive to carbon monoxide may

consider using warning devices which provide audible and visual

als for carbon monoxide concentrations under 30 ppn

For additional information on carbon monoxide and your medical

and gives you more time to react.

under these conditions.

WIRELESS OPERATION First Alert® ONELINK® Technology is the easy, cost-effective way to provide your family with whole-home safety. All ONELINK® Alarms communicate with each other without wires or connectors. When one Alarm sounds, they all sound. This provides your family with an earlier warning of potential danger,

The communication distance (range) between any two ONELINK® Alarms is typically 50 feet (15 meters) inside of a home. Some features of a home, such

as the number of floors, number/size of rooms, furniture and types of building materials used may reduce the range of the Alarms. Examples include: sus-

pended ceilings, ductwork, large metallic appliances (refrigerators) and metal studs. A feature of ONELINK® Alarms is that they operate as a mesh network. All Alarms will repeat any alarm signal that is received to all other ONELINK® Alarms. Interference from structural conditions can be overcome by adding

IMPORTANT! The range and proper operation of any wireless device will vary depending on its surroundings. It is very important that each Alarm is tested individually before and after installation to make sure that all Alarms respond properly.

The ONELINK® Alarms are not to be used outdoors or to transmit between buildings. The Alarms will not communicate properly

additional Alarms to route the wireless signal around obstructions.

 Metal objects and metallic wallpaper may interfere with signals from wireless Alarms. Alarms should be tested after changes to your home such as remodeling, moving furniture, and with metal loors opened and closed. Your First Alert® ONELINK® CO Alarm will automatically communicate both potential fires and carbon monoxide presence with all other First Alert®

FCC NOTICE: This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not

received, including interference that may cause undesired operation. FCC ID: M7U5001L cause harmful interference. and (2) this device must accept any interference

3. After you hear the location of where [Location, example: "Basement"] ocation saved.' no location is chosen:

> Dining Room Master Bedroom Guest Bedroom No Location Utility Room

single-family households where unauthorized battery or alarm removal is not a concern.