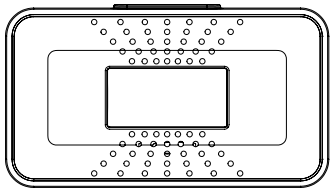
USER'S MANUAL
CARBON MONOXIDE ALARM

First Alert®

10 YEAR SEALED BATTERY OPERATED CARBON MONOXIDE ALARM WITH DIGITAL DISPLAY AND SILENCE FEATURE

CONFORMS TO UL STD 2034

Model CO710



IMPORTANT! PLEASE READ CAREFULLY AND SAVE.
The warnings/limitations card and 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. Reference product card for additional information.

HOW YOUR CO ALARM WORKS - GENERAL INFORMATION

⚠WARNING!

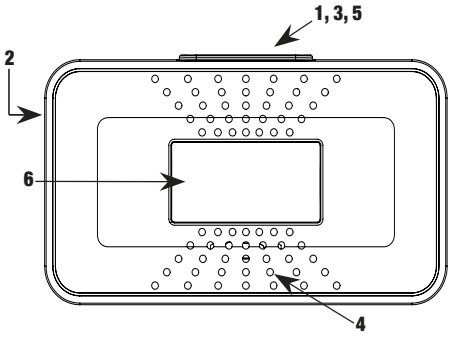
- **CO Alarm contains a sealed, non-replaceable battery. Once it reaches the end of its service life, or after 10 years—whichever comes first—you must install a new CO Alarm.**
- **High temperatures, low temperatures, high humidity, impact or dropping can adversely affect LCD displays.**

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, digital display with blue backlight, and an 85 dB alarm horn. It also has a silence feature to temporarily quiet the alarm horn. During standby, the temperature is displayed in degrees F.

THE PARTS OF YOUR CO ALARM

1. Test Button
2. Activation + Deactivation tab (back of unit).
3. Silence Button
4. (Behind Cover) Alarm Horn: 85dB audible alarm for test, alarm, and unit malfunction warning.
5. Peak level Button.
6. Digital Display with blue backlight.



UNDERSTANDING YOUR CO ALARM

Display glows and horn chirps when Alarm is first activated.

DIGITAL DISPLAY: All segments are turned on for a short time upon initial power. Then the temperature is displayed in degrees F.



ALARM RECEIVING BATTERY POWER

Horn is silent. Temperature will be displayed in degrees F.



DURING TESTING

One beep sounds when you press button. It is later followed by a 4 beep pattern that comes twice.

DIGITAL DISPLAY:
Display glows and shows "tst".
Several ppm CO levels are also displayed and the alarm level is shown increasing.







Continued...

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UNDERSTANDING YOUR CO ALARM *Continued..*

CO ALARM: Sensor has detected enough CO to trigger an alarm. Blue backlight glows and horn sounds loudly (repeating 4 beeps, pause). See "If Your CO AlarmSounds" for details. **During an alarm, move everyone to a source of fresh air. DO NOT move the CO Alarm!**

DIGITAL DISPLAY: "CO" alternating with the ppm number, a full level, and "EVACUATE".



CO ALARM REQUIRES SERVICE (MALFUNCTION SIGNAL)

The horn sounds 3 "chirps" every minute. CO Alarm needs to be replaced.
DIGITAL DISPLAY: "Err" is displayed.



CO ALARM END OF LIFE

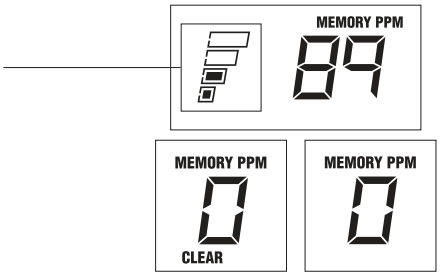
The horn sounds 5 chirps every minute. CO Alarm needs to be replaced.
DIGITAL DISPLAY: "End" is displayed.



USING THE PEAK CO MEMORY

The CO Memory Feature lets you check the highest level of CO recorded during an alarm.

NOTE: These bars will not appear when CO accumulation is low. The bars will be displayed when unit is exposed for a longer time and CO accumulation is higher.



To check CO Memory:

1. Press and release the Test Button until the peak CO level is displayed.

To clear CO Memory:

1. Automatically resets after 24 hours.

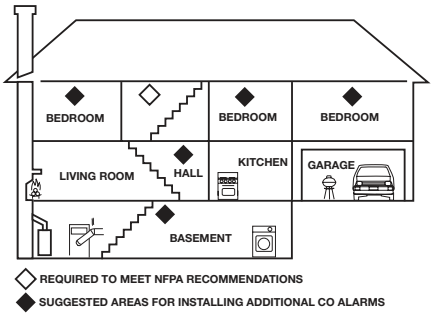
2a. Press and release Test Button until blue backlight glows.
2b. Press and release Test Button to enter "clear mode".
2c. Press and release Test Button quickly one more time to clear.

NOTE: Must press and release. Press and hold will run into "Test Mode".

NOTE: The highest CO level will be saved for 24 hours. DO NOT clear the CO Memory reading if you plan to call someone to investigate a CO problem! Clear the CO Memory reading only after the investigator has checked your home. If the investigator will not arrive within the 24 hour time period before the unit automatically resets, be sure to write down the peak level.

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.



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 heatsource.

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 basement stairs.
- 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 install this CO Alarm:

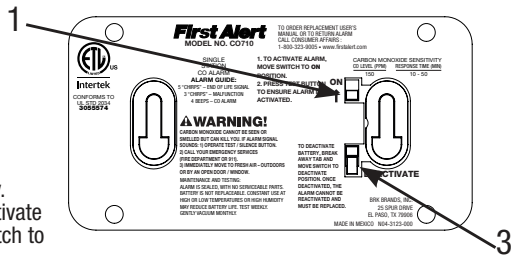
- In garages, kitchens, furnace rooms, or in any extremely dusty, dirty or greasy areas.
- Closer than 20 feet (6 meters) from a furnace or other fuel burning heat source, or fuel burning appliances like a water heater.
- Within 5 feet (1.5 meters) of any cooking appliance.
- In extremely humid areas. 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 (4.4˚ C) or hotter than 100˚ F (37.8˚ 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 sensors.
- In direct sunlight.

HOW TO INSTALL YOUR CO ALARM

Read "Where To Install CO Alarms" before starting.

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 label near the CO Alarm, and the other label in the "fresh air" location you plan to go if the alarm sounds.

NOTE: Activate alarm prior to mounting.



1. **Activating the Battery.** Move the activation switch to ON position. Utilize a small tool to help activate switch if needed. Once unit is activated, it cannot be turned off.

NOTE: Horn chirps, and all segments are turned on for a short time upon activation.

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

3. **To Permanently Deactivate The Alarm.** This CO Alarm contains a sealed, non-replaceable battery. Once it reaches the end of its service life, or after 10 years you must install a new CO Alarm. Deactivate the CO Alarm by inserting a tool below edge where shown and break tab. Then slide activation switch to DEACTIVATE mode.

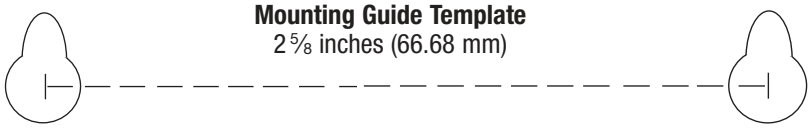
NOTE: Once you deactivate this unit, it will not detect CO or alarm and cannot be reactivated.

4. This CO Alarm can either be wall mounted or placed on a tabletop. If Alarm is placed on a tabletop, be sure the Alarm is no more than 3 feet (0.9 meter) from the floor to minimize the risk of causing permanent damage to the Alarm in the event that it is accidentally knocked to the ground.

TO MOUNT ON THE WALL

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

1. Choose a location on the wall. Do not install the Alarm closer than 4" (102 mm) from where the wall meets the ceiling.
2. Hold the mounting guide template against the wall, and make a mark inside each keyhole where you will drill your mounting holes as shown in the diagram below.
3. Use a 3/16" (5 mm) drill bit to drill through the marks you made for the mounting holes.
4. 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. Insert the screws into the anchors until the screwhead is 1/8 inch (3 mm) away from the wall.
6. Slide the CO Alarm onto the screws until you feel it click into place.
7. Test the CO Alarm as described in "Weekly Testing."



IF YOUR CO ALARM SOUNDS

⚠WARNING!

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!
See "General Limitations of CO Alarms" for details included in the card packaged with alarm.

IF THE ALARM SIGNAL SOUNDS:

1. Operate the Silence button.
2. Call your emergency services, fire department or 911. Write down the number of your local emergency service here:
   _____
3. 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.
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 garage or adjacent to the residence. Write down the number of a qualified appliance technician here:
   _____

USING THE SILENCE FEATURE

⚠WARNING!

- **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.**

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.

To Activate the Silence Feature: Press and hold the Silence button until the horn is silent.

Once you activate the Silence Feature: the 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 dangerous -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.
If the CO Alarm...	**This means...**
Remains silent after you pressed the Silence button	CO levels are dropping.

SILENCING THE END OF LIFE SIGNAL

This silence feature can temporarily quiet the End of Life warning "chirp" for 8 hours up to 7 days. You can silence the End of Life warning "chirp" by pressing the Silence button. The horn will chirp, acknowledging that the End of Life feature has been activated.

TESTING & MAINTENANCE - WEEKLY TESTING

⚠WARNING!

- **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. When testing, step away when horn starts sounding.**

You can test this CO Alarm by pressing the Test button on the Alarm cover until alarm chirps. The alarm horn will sound: 4 beeps, a pause, then 4 beeps. The alarm sequence should last 5-6 seconds. If the unit does not alarm, make sure it has been activated correctly, and test again. If the unit still does not alarm, replace it immediately.

⚠WARNING!

- **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.**
- **NEVER use vehicle exhaust to test your Alarm! Exhaust may cause permanent damage and voids your warranty**

REGULAR MAINTENANCE

To keep the CO Alarm in good working order:

- Test it every week using the Test 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.

⚠WARNING!

- **Please dispose of or recycle the Alarm properly, following any local regulations. Consult your local waste management authority or recycling organization to find an electronics recycling facility in your area. DO NOT DISPOSE OF ALARM IN FIRE. BATTERIES MAY EXPLODE OR LEAK.**
- **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 permanent damage.**

IMPORTANT!

Household cleaners, aerosol chemicals, and other contaminants can affect the sensor. When using any of these materials near the CO Alarm, make sure the room is well ventilated.

WHAT YOU NEED TO KNOW ABOUT CO - WHAT IS 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.

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.

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 or clogged chimney 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 circumstances.

A CO Alarm is not a substitute for proper maintenance of home appliances.

TROUBLESHOOTING GUIDE		
PROBLEM...	**THIS MEANS...**	**YOU SHOULD...**
The horn sounds 3 "chirps" every minute.	**MALFUNCTION SIGNAL.** Based on its Self Test diagnostics, the unit has detected a malfunction. The unit needs to be replaced.	CO Alarms under warranty should be returned to manufacturer for replacement. See "Limited Warranty" for details.
The horn sounds 5 "chirps" every minute.	**END OF LIFE SIGNAL.** CO Alarm needs to be replaced.	Immediately replace the CO Alarm.
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 ten 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 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 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.

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.

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.

How to Obtain Warranty Service

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. 1301 Joe Battle, El Paso, TX 79936

Disposal: Waste electrical products should not be disposed of with regular household waste. Please recycle where facilities exist. Check local requirements for disposal of Li-Ion electronic devices.

The Alarm should be deactivated before disposal. See "To Permanently Deactivate The Alarm". You can also return your Alarm to us for disposal. For return address see above. Please include a note confirming the product is being returned for disposal.

The alarm will also provide an audible End-of-Life Signal approximately 10 years after installation to remind you to replace the unit. The End-of-Life Signal can be silenced for up to 7 days. Do not deactivate alarm until you have a replacement.
For your records, please record:

Date Purchased: _____ Where Purchased: _____ Date Installed: _____/_____Month/Year

Replace alarm 10 years after installation. Please write the date in the space provided: _____/_____Month/Year