

**First Alert®**  
**AC POWERED SLIM LINE SMOKE/ CARBON MONOXIDE LED STROBE COMBO ALARM**  
 WITH SEALED LITHIUM BATTERY BACKUP  
 Input: 120V AC, 60Hz, 0.8 A Alarm

**IMPORTANT! PLEASE READ CAREFULLY AND SAVE.**

This user's manual contains important information about your Combination Alarm for use by others, you may copy this manual—or a copy of it—with the end user.

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 Model 7030BSLA

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All First Alert® and BRK® Smoke Alarms conform to regulatory requirements, effective until the end of the product's useful life. All units are tested to UL 293 and UL 293C and are designed to detect particles of combustion. Smoke Alarms of varying number and size are produced in all fires.

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

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

For maximum protection, use both types of Smoke Alarms on each level and in every bedroom of your home. Note: Model 7030BSLA includes photoelectric technology only.

## INTRODUCTION

Thank you for choosing First Alert® for your Combination Alarm and hearing impaired strobe light needs. You have purchased a state of the art alarm designed to provide hearing impaired individuals with a visual and audible warning of fire and carbon monoxide dangers. Please take the time to read this manual and make this Combination Alarm with Strobe Light an integral part of your family's safety plan.

### Key Features:

**Integrated Combination Alarm and Strobe Light:** Requires only one electrical box for 3 vital functions. Saves installation time and costs. One device includes strobe light and combination photoelectric smoke/CO alarm.

**Low Profile Design:** Half the size of a standard alarm.

**176 Candela LED Light:** Powerful 177 candela LED strobe light provides effective warning intended to wake sleeping and hearing impaired residents.

**Strobe Signal Synchronization:** Horn and LED is sync capable with other First Alert / BRK LED strobe units of alarms.

**Smart Interconnection:** Helps reduce unwanted alarms.

**Battery Backup:** 10 year sealed battery backup ensures alarm keeps functioning during power outages. (Note: will not power the strobe light).

**Quick Mounting Activation:** Twist/lock mounting bracket automatically activates battery backup.

**End of Life Indicator:** Alerts user when alarm requires replacement.

**Smart Strobe:** Works with BRK smoke and CO alarms. Separate flash patterns to distinguish between smoke/horn or CO danger.

**1½ Flash Rate:** 60 flashes per minute.

**Two Latching Features:** Alarm Latch - Visually identifies initiating alarm even after alarm condition is over. Low Battery Latch - Visually identifies which unit is in low battery condition.

**Two Silence Features:** Temporarily silence low battery chirps for up to eight hours before replacing unit or silence an unwanted alarm for several minutes.

## FIRE SAFETY TIPS

Follow safety rules and prevent hazardous situations: 1.) Use smoking materials properly. Never smoke in bed. 2.) Keep matches or lighters away from children; 3.) Store flammable materials in approved electrical containers. 4.) Keep electrical appliances in good condition and don't overload electrical circuits. 5.) Keep stoves, barbecuing grills, fireplaces and chimneys grease- and debris-free; 6.) Never leave a cigarette cooking on the stove unattended; 7.) Keep portable heaters and open flames, like candles, away from flammable areas. Don't try to extinguish accumulations.

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

## BEFORE YOU INSTALL THIS SMOKE/CARBON MONOXIDE AND STROBE LIGHT COMBO ALARM

**IMPORTANT!** Read "Recommended Locations for Smoke Alarms" and "Locations to Avoid for Smoke Alarms" before beginning. This unit monitors the air, and when smoke reaches its sensing chamber, it alarms. It can give you more time to escape before fire spreads. This unit can give you an early warning of developing fires. This unit will not detect fires that start where smoke can reach it, and where all residents can hear/see it, as described in this manual. This unit will not sense gas, heat, or flame. It cannot prevent or extinguish fires.

**UNDERSTAND THE DIFFERENT TYPE OF SMOKE ALARMS**  
 Battery powered or electrical? Different Smoke Alarms provide different types of protection. See "About Smoke Alarms" for details.

**KNOW WHERE TO INSTALL YOUR SMOKE ALARMS**  
 Fire Safety Professionals recommend at least one Smoke Alarm on every level of your home, in every bedroom and in every bedroom area of an apartment building. See "Recommended Locations For Smoke Alarms" and "Locations To Avoid For Smoke Alarms" for details.

**KNOW WHAT SMOKE ALARMS CAN AND CAN'T DO**  
 A Smoke Alarm can help alert you to fire, giving you precious time to escape. It can only sound an alarm once smoke reaches the sensor. See "Limitations of Smoke Alarms" for details.

**CHECK YOUR LOCAL BUILDING CODES**  
 This Smoke Alarm is designed to be used in a typical single-family home. It alone will not meet requirements for boarding houses, apartment buildings, hotels or motels. See "Special Compliance Considerations" for details.

**! DANGER!**  
**ELECTRICAL SHOCK HAZARD.** Turn off the power to the area where the Smoke Alarm is installed before removing it from the mounting bracket. Failure to turn off the power first may result in serious electrical shock, injury or death.

- ! WARNING!**
- Installation of this unit must conform to the electrical codes in your area; CSA 22.1 Canadian Electrical Code or NFPA 70 National Electrical Code and any other applicable codes that may apply. Wiring and installation must be performed by a licensed electrician. Failure to follow these guidelines may result in injury or property damage.
  - This unit must be powered by a 24-hour, 120VAC pure sine wave 60Hz circuit. Be sure the circuit cannot be turned off by a switch, dimmer, or ground fault circuit interrupter. Failure to connect this unit to a 24-hour circuit may prevent it from providing constant protection.
  - This Alarm must have AC or battery power to operate. If the AC power fails, battery back-up will allow the alarm to sound for at least 4 minutes. If AC power fails and the battery is weak, protection should last for at least 7 days. If AC power fails and the battery is dead or missing, the alarm cannot operate.
  - Never disconnect the power from an AC powered unit to stop an unwanted alarm. Doing so will disable the unit and remove your protection. In the case of a true unwanted alarm upon a window or fan the smoke away from the unit. The alarm will reset automatically when it returns to normal operation. Never remove the batteries from a battery operated unit to stop an unwanted alarm (caused by cooking smoke, etc.). Instead open a window or fan the smoke away from the unit. The alarm will reset automatically.

- ! CAUTION!**  
 Connect this unit ONLY to other compatible units. See "How to Install This Alarm" for details. Do not connect it to any other type of alarm or auxiliary device. Disconnecting anything else to this unit may damage it or prevent it from operating properly.
- This Alarm has a sealed lithium battery.
  - Do not stand too close to the unit when the alarm is sounding. It is loud to wake you in an emergency. Exposure to the horn at close range may harm your hearing. Do not stare directly into light source. Direct exposure to light may harm eyesight.
  - Do not paint over the unit. Paint may clog the openings to the sensing chambers and prevent the unit from operating properly.

## REGULAR MAINTENANCE

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

- Test it at least once a week. Check the REPLACE BY date noted on the alarm. If date is past, replace alarm immediately.
- Clean the Alarm at least once a month; gently vacuum the outside of the Alarm using a household vacuum's soft brush attachment. Test the Alarm. Use water, cleaners or solvents since they may damage the unit.
- If the 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 "Locations To Avoid For Smoke Alarms" for details.
- When the battery back-up becomes weak, the Alarm will "chirp" about once a minute (the low battery warning). This warning should last 7 days, but you should replace the unit immediately to continue your protection.

**! CAUTION!**  
 If the strobe light lens is loose or broken, the entire unit should be replaced immediately. Never remove the strobe light lens for any reason. Doing so can permanently damage the unit and void your warranty.

**IMPORTANT!**  
 Actual battery service life depends on the alarm and the environment in which it is installed. For any device employing a battery, constant exposure to high or low humidity may reduce battery life.

## THE PARTS OF THIS COMBINATION ALARM

The Mounting Bracket:

The mounting bracket installs onto the junction box. It has a variety of screw slots for most boxes.

The Power Connector:

The power connector plugs into a power input box on the Alarm. It supplies the unit with AC power.

If you need to remove the power connector, turn **POWER OFF** first. Insert a flat screwdriver blade between the power connector and the security latch inside the power input block. Gently pry back the tab and pull the connector free.

The black wire is "hot."

The white wire is neutral.

The orange wire is used for interconnect.

The Parts of This Unit

- Mounting Bracket
- Disabling Switch
- Mounting Slots
- Neutral (White) AC Wire
- Interconnect (Orange) Wire
- Quick-Connect Power Connector
- Turn this way to remove from bracket (Counter-clockwise)
- Turn this way to attach to bracket (Clockwise)

## FOLLOW THESE INSTALLATION STEPS

The basic installation of this Alarm is similar whether you want to install one Alarm, or interconnect more than one Alarm. If you are interconnecting more than one Alarm, you MUST use the following instructions. For inter-connected Alarms" below before you begin installation.

### ! DANGER!

**ELECTRICAL SHOCK HAZARD.** Turn off power to the area where you will install this unit at the circuit breaker or fuse box before beginning installation. Failure to turn off the power before installation may result in serious electrical shock, injury or death.

- Position the screw slots on the mounting bracket over the screws in the junction box. Tighten screws until screw head recesses in mounting bracket. Do not over tighten.
- Using wire nuts, connect the power connector to the household wiring.

### STAND-ALONE ALARM ONLY:

- Connect the white wire on the power connector to the neutral wire in the junction box.
- Connect the black wire on the power connector to the hot wire in the junction box.
- Tuck the orange wire inside the junction box. It is used for interconnect only.

### INTERCONNECTED UNITS ONLY:

Strip off about 1/2" (12 mm) of the plastic coating on the orange wire on the power connector.

- Connect the white wire on the power connector to the neutral wire in the junction box.
- Connect the black wire on the power connector to the hot wire in the junction box.
- Connect the orange wire on the power connector to the interconnect wire in the junction box. Repeat for each unit you are interconnecting. Never connect the hot or neutral wires in the junction box to the orange interconnect wire. Never cross hot and neutral wires between Alarms.

### 3. Plug the power connector into the back of the Alarm.

Position the base of the Alarm over the mounting bracket and turn. The Alarm can be positioned over the bracket every 90°. Turn the Alarm clockwise (right) until the unit locks into place. **This is the first time turning the Alarm, an activation chirp will be heard.**

- Check all connections.

### ! WARNING!

Improper wiring to the power connector and to a wiring connection to the power connector will cause damage to the Alarm and may lead to a non-functioning Alarm.

### STAND-ALONE ALARM ONLY:

- If you are only installing one Alarm, restore power to the junction box.

### INTERCONNECTED ALARMS ONLY:

- If you are interconnecting multiple Alarms, repeat steps 1-3 for each Alarm in the series. When you are finished, restore power to the junction box.

### ! DANGER!

**ELECTRICAL SHOCK HAZARD.** Do not restore power until all Alarms are completely installed. Restoring power before installation is complete may result in serious electrical shock, injury or death.

- Make sure the Alarm is receiving AC power. Under normal operation, the Green power indicator light will shine continuously.
- Make sure the power indicator light does not light. **TURN OFF POWER TO THE JUNCTION BOX** and recheck all connections. If all connections are correct and the Green power indicator still does not light when you restore the power, the unit should be replaced immediately.
- Test each Alarm. Press and hold the Test/Silence button until the unit alarms. When testing a series of inter-connected units you must test each unit individually. Make sure all units alarm when each one is tested.

### ! DANGER!

If any unit in the series does not alarm, **TURN OFF POWER** and recheck connections. If it does not alarm when you restore power, replace it immediately.

### SPECIAL REQUIREMENTS FOR INTERCONNECTED ALARMS

#### ! WARNING!

Failure to meet any of the above requirements could damage the unit and cause them to malfunction, removing your protection.

**AC and AC/DC Alarms:** When power is interrupted, only the AC/DC units in the series will continue to send and receive signals. AC powered Alarms will not operate.

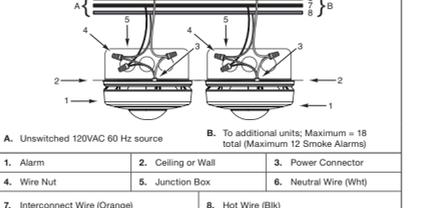
Interconnected units can provide early warning of fire than stand-alone units, especially if a fire starts in a remote area of the dwelling. If any unit in the series senses smoke, all units will alarm. To determine which Alarm initiated an alarm, see below.

- On Initiating Alarms Red LED flashes rapidly
- On All Other Alarms Red LED is Off

### ! IMPORTANT!

Interconnect units within a single family residence only. Otherwise all households will experience unwanted alarms when you test any unit in the series. Interconnected units will only work if they are wired to compatible units and all requirements are met. This unit is designed to be compatible with: **First Alert® / BRK® Models SC7010A, SC7010B, SC7010C, SC7010D, COS700A, 7010A Family (A,B,S,L); 10 Year SC9120BLA, 9120BLA, SA3120A, 7010BSA, 7020BSLA; BRK® Auxiliary Devices Models RM (RelayModules), SL177A, SLED177A (Strobe Light).** **NOTE: Flash synchronization is only available with other BRK LED models including 7020BSLA and SLED177A.** See www.brkcanada.ca for your next interconnect list.

- Interconnected units must meet ALL of the following requirements:
- A maximum of 18 compatible units may be inter-connected (Maximum of 12 Smoke Alarms).
  - The same fuse or circuit breaker must power all interconnected units.
  - The total length of wire interconnecting the units should be less than 1000 feet (300 meters). This type of wire is commonly available at Hardware and Electrical Supply stores. The interconnect wire should be #18 gauge or larger, rated at least 300V. If an interconnect people not already part of your household wiring, you will need to install one.
  - All wiring must conform to all local electrical codes and Canadian Electrical Code, CSA 22.1, and/or your local building code for further connection requirements. Chapter 2 and/or your local building code for further connection requirements.



AC Power	Battery Power
Normal Standby Operation	Constant Green LED
	Flashing Green LED approx. once/minute
	Strobe Disabled **
Alarm Condition	Audible Alarm (See patterns below)
	Audible Alarm (See patterns below)
	Strobe Flashing (See patterns below)
	Strobe Disabled **
Smoke Horn Pattern	Approximately 1 beep per second for 3 beeps, then 1 second off. Pattern is repeated.
Smoke Strobe Pattern	Constant, approximately 1 flash per second.
CO Horn Pattern	4 rapid beeps, then 5 seconds off. Pattern is repeated.
CO Strobe Pattern	Approximately 1 flash per second for 4 flashes, then 1 second off. Pattern is repeated.
Silence Mode	Red LED Continues Alarm Condition Flash Pattern Initiating "chirps"
Malfunction Signal	Red LED Flashes 3 Times Initiating Alarm only *
	Audible Alarm (See patterns below)
	Audible Alarm (See patterns below)
	Strobe Flashing (See patterns below)
	Strobe Disabled **
End of Life Signal	Alarm "chirps" 3 times with 5 Green LED flashes once per minute.
Latching End of Life Indicator	Green LED flashing 2 seconds on, 2 seconds off. No latching indicator ***
Latching Alarm Indicator	Horn off and Red LED flashing 2 seconds on, 2 seconds off after local silence button. No latching indicator ***

**NOTE:** When a power is applied, unit(s) may alarm momentarily.

\*\*When any Alarm in an inter-connected series triggers an alarm, its Red LED will flash. The Red LED will flash OFF on any disarming or silencing of this series. This feature helps identify which unit(s) triggered the alarm.

\*\*\*NOTE: The strobe light will not operate under battery power.

\*\*\*NOTE: Latching feature will not operate under battery power.

## WEEKLY TESTING

### ! WARNING!

- NEVER use an open flame of any kind to test this unit. You might accidentally burn or injure yourself. Do not use a finger or thumb. Use a lit match or lighter to test this alarm. Press and hold the Test/Silence switch accurately tests the unit's operation as required by ULCEC Products.
- If the Alarm ever fails to test properly, replace it IMMEDIATELY. Under warranty may be returned to the manufacturer for replacement. See "Limited Warranty" at the end of this manual.

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 alarm. Press and hold the Test/Silence button for 10 minutes, then return to normal operation. If any other instrument is strictly prohibited) the Test/Silence button on the cover of the unit will alarm sounds the unit may continue to alarm for a few seconds after you release the button. If it does not alarm, make sure the unit is receiving power and test it again. If it still does not alarm, replace it immediately. During testing, you will hear a loud, 3 beeps, pause, 3 beeps and the strobe light will flash continuously.

When testing a series of interconnected units you must test each unit individually. Make sure you alarm each unit when each one is tested.

Note: If you have interconnected this alarm with a BRK carbon monoxide alarm, when you test that alarm you will hear a loud repeating horn pattern from this alarm: 4 rapid beeps, pause, 4 rapid beeps, pause. In addition, the strobe light will flash approximately 1 flash per second for four flashes, then 3 seconds off. The pattern is repeated.

If you have interconnected this alarm with a BRK combination smoke & carbon monoxide alarm, when you test that alarm you will hear a loud continuous beeping sound and the strobe light will flash constant approximately 1 flash per second. When you test that alarm you will hear a loud repeating horn pattern from this alarm: 4 rapid beeps, pause, 4 rapid beeps, pause and the strobe light will flash approximately 1 flash per second for four flashes, then 3 seconds off. The pattern is repeated.

### ! CAUTION!

**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. Do not look directly at or touch the lens while the strobe light is flashing. Doing so can hurt your eyes or burn your fingers.**

### PROPER DISPOSAL OF UNIT

To Properly Dispose of Unit: Waste electrical products should not be disposed of with regular household waste. These products contain hazardous materials. Check local requirements for disposal of Lithium powered electronic devices. Alarm should be disabled before disposal. See "Permanently Disabling the Alarm" section.

## IF THIS SMOKE & STROBE LIGHT ALARM SOUNDS RESPONDING TO AN ALARM

During a smoke incident at this alarm, you will hear 3 beeps, pause, 3 beeps and the strobe light will flash constant approximately 1 flash per second. When you test that alarm you will hear a loud repeating horn pattern from this alarm: 4 rapid beeps, pause, 4 rapid beeps, pause and the strobe light will flash constant approximately 1 flash per second. When you test that alarm you will hear a loud repeating horn pattern from this alarm: 4 rapid beeps, pause, 4 rapid beeps, pause and the strobe light will flash constant approximately 1 flash per second. The pattern is repeated.

### ! SMART INTERCONNECT™ FEATURE

This Alarm includes "Smart Interconnect" which enables the Alarm to be interconnected with other First Alert® and BRK Smoke, Heat, and "Smart Interconnect" CO Alarms. When smoke is detected, all Alarms will sound the smoke horn pattern. When CO is detected, "Smart Interconnect" Alarms will sound the CO horn pattern.

## IF YOU SUSPECT A PROBLEM

Smoke Alarms may not operate properly because of dead or weak batteries, a build-up of dust, dirt or grease on the Smoke Alarm cover, or installation in an improper location. Clean the Smoke Alarm as described in "Regular Maintenance," then test the Smoke Alarm again. If it fails to test properly when you use the test button, or if the problem persists, replace the Smoke Alarm immediately.

- If you hear a "chirp" approximately once a minute, replace the unit.
- If you experience frequent non-emergency alarms (like those caused by cooking smoke), try relocating the Alarm.
- If the alarm sounds when the cover is visible, try cleaning or relocating the Alarm. The cover may be dirty.

If the alarm does not sound during testing, make sure it is receiving AC power from the household circuit.

## ! WARNING!

Always disable the branch circuit before servicing an AC or AC/DC Alarm. First, turn off the AC power at the circuit breaker or fuse box. Next, remove the battery from Alarms with battery back-up. Finally, press and hold the test button for 5-10 seconds to disable the branch circuit.

### Do not try fixing the alarm yourself — this will void your warranty!

If the alarm is still not operating properly, and it is still under warranty, please see "How to Obtain Warranty Service" in the Limited Warranty.

## WHAT TO DO IN CASE OF FIRE

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

### ! WARNING!

**ELECTRICAL SHOCK HAZARD:** Attempting to disconnect the power connector from the unit when the power is on may result in electrical shock, serious injury or death.

When an interconnected system of AC powered units is in alarm, the alarm indicator light on the unit(s) that initiated the alarm will blink rapidly. It will remain OFF on any remaining units.

If the unit alarms, get everyone out of the dwelling immediately.

If the unit alarms and you are certain that the source of smoke is not a fire—cooking smoke or an extremely dusty furnace, for example—open a nearby window or door and fan the smoke away from the unit (Use the Silence Feature to silence the Alarm). This will silence the alarm, and once the smoke clears the unit will reset itself automatically.

## PERMANENTLY DISABLING THE ALARM

After 10 years of operation or low battery warning, permanently disable the alarm by following the diagram below. Insert tool into slot in red disabling switch. Slide switch fully to the left.

### ! WARNING!

Always disable the branch circuit before servicing an AC or AC/DC Alarm. First, turn off the AC power at the circuit breaker or fuse box. Next, remove the battery from Alarms with battery back-up. Finally, press and hold the test button for 5-10 seconds to disable the branch circuit.

## RECOMMENDED PLACEMENT

For HEARING IMPAIRED SMOKE ALARMS WITH INTEGRATED STROBE LIGHT

Smoke Alarms with Integrated Strobe lights intended for the hearing impaired should be located in the bedroom where a hearing impaired person sleeps. Additional alarms should be located in any room where a hearing impaired person may be present and need to be notified of a smoke danger.

According to UL STD 5555, for wall mounting, a 177 candela strobe light must be used in a sleeping area when mounting height of lens is less than 24 inches (61 cm) from the ceiling. A Smoke Alarm with an Integrated Strobe light must be placed in accordance with the Smoke Alarm placement recommendations.

For Wall Mounting the alarm should be between 4 inches and 12 inches (100 mm and 300 mm) from ceiling to avoid the "dead air space". For Ceiling Mounting the alarm should be placed at least 4 inches (100 mm) from the corner (see "Locations to Avoid for Smoke Alarms" below). In addition, for wall or ceiling mounting, the unit must be located within 15 linear feet (4.6 meters) from top of lens (4.6 meter rule (see diagram below).

## IF THE CO ALARM SIGNAL SOUNDS:

- Press the Test/Silence button.
- Call your emergency services, fire department or 911. Write down the number of your local emergency service here.
- Immediately move to fresh air—outdoors or by an open door or window. Do a head count to check that all persons are accounted for. Do not re-enter the premises, or move away from the open door or window until the emergency services responder has arrived, the premises have been cleared and you are given the go-ahead by the emergency responder.
- 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 fire-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 name of a qualified appliance technician here.

## UNDERSTANDING THE INDICATOR LIGHTS AND ALARM HORN PATTERNS

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 appliances or other decorative combustion equipment."

### ! WARNING!

Failure to meet any of the above requirements could damage the unit and cause them to malfunction, removing your protection.

**AC and AC/DC Alarms:** When power is interrupted, only the AC/DC units in the series will continue to send and receive signals. AC powered Alarms will not operate.

Interconnected units can provide early warning of fire than stand-alone units, especially if a fire starts in a remote area of the dwelling. If any unit in the series senses smoke, all units will alarm. To determine which Alarm initiated an alarm, see below.

- On Initiating Alarms Red LED flashes rapidly
- On All Other Alarms Red LED is Off

