

AC Powered Photoelectric Smoke Alarm with Battery Back-Up and Silence Feature
 Model 7010BA
 Input: 120V AC ~, 60Hz, 0.07A
 AC Powered Photoelectric Smoke Alarm with Silence Feature
 Model 701A
 Input: 120V AC ~, 60Hz, 0.07A



HOW TO INSTALL THIS SMOKE ALARM
 This Smoke Alarm is designed to be mounted on any standard wiring junction box up to a 102 mm (4-inch) size, on either the ceiling or wall (if allowed for local codes). Read "Recommended Locations For Smoke Alarms" and "Locations to Avoid For Smoke Alarms" before you begin installation. **Tools you will need: Needle-nose pliers or utility knife. Standard Flathead screwdriver.**

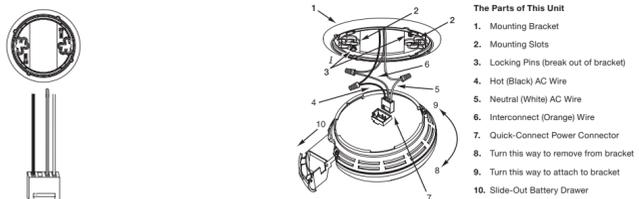
WARNING!
Make sure the Alarm is not receiving excessively noisy power. Examples of noisy power could be major appliances on the same circuit, power from a generator or solar power, light dimmer on the same circuit or mounted near fluorescent lighting. Excessively noisy power may cause damage to your Alarm. Make sure the Alarm is not receiving excessively noisy power. Examples of noisy power could be major appliances on the same circuit, power from a generator or solar power, light dimmer on the same circuit or mounted near fluorescent lighting. Excessively noisy power may cause damage to your Alarm.

The Mounting Bracket: To remove the mounting bracket from the Smoke Alarm base, hold the Smoke Alarm base firmly and twist the mounting bracket counterclockwise. The mounting bracket installs onto the junction box. It has a variety of screw slots to fit most boxes.

The Power Connector: The power connector plugs into a power input block on the Smoke Alarm. It supplies the unit with AC power.

The black wire is "hot."
 The white wire is neutral.
 The orange wire is used for interconnect.

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



- The Parts of This Unit**
1. Mounting Bracket
 2. Mounting Slots
 3. Locking Pins (break out of bracket)
 4. Hot (Black) AC Wire
 5. Neutral (White) AC Wire
 6. Interconnect (Orange) Wire
 7. Quick-Connect Power Connector
 8. Turn this way to remove from bracket
 9. Turn this way to attach to bracket
 10. Slide-Out Battery Door

FOLLOW THESE INSTALLATION STEPS

The basic installation of this Smoke Alarm is similar whether you want to install one Smoke Alarm, or interconnect more than one Smoke Alarm. If you are interconnecting more than one Smoke Alarm, you **MUST** read "Special Requirements For Interconnected Smoke Alarms" 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.

1. Remove the mounting bracket from the base, and attach it to the junction box.
Model 7010BA Only: Activate the battery back-up by removing the "Pull to Activate Battery Back-Up" tab. Or, install battery back-up. Battery back-up cannot work until you install the battery in the correct position (Match "+" to "+" and "-" to "-").

2. Push and hold test button until the alarm sounds 3 beeps, pause, 3 beeps.
 3. Using wire nuts, connect the power connector to the household wiring.

WARNING!
Improper wiring of the power connector or the wiring leading to the power connector will cause damage to the Alarm and may lead to a non-functioning Alarm.

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 12 mm (1/2") 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.

4. Plug the power connector into the back of the Smoke Alarm.
 5. Check all connections.

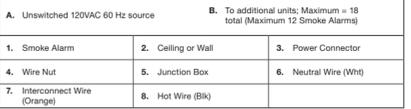
6. Position the base of the Smoke Alarm over the mounting bracket and turn. The Alarm can be positioned over the bracket every 90°. Turn the Smoke Alarm clockwise (right) until the unit is in place.

STAND-ALONE ALARM ONLY:
 • If you are only installing one Smoke Alarm, restore power to the junction box.

INTERCONNECTED UNITS ONLY:
 • If you are interconnecting multiple Smoke Alarms, repeat steps 1-5 for each Smoke Alarm in the series. When you are finished, restore power to the junction box.

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

6. Make sure the Smoke Alarm is receiving AC power. Under normal operation, the Green power indicator light will show continuously.
 7. If the Green 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.



- | | | |
|-------------------------------|--------------------|------------------------|
| 1. Smoke Alarm | 2. Ceiling or Wall | 3. Power Connector |
| 4. Wire Nut | 5. Junction Box | 6. Neutral Wire (Whit) |
| 7. Interconnect Wire (Orange) | 8. Hot Wire (Blk) | |

UNDERSTANDING THE INDICATOR LIGHTS AND ALARM HORN PATTERNS

	AC Power All Models	DC Power Model 7010BA
Normal Operation	Constant Green LED Flashing Red LED approx. once/minute No Audible Alarm	Green LED Off Flashing Red LED approx. once/minute No Audible Alarm
Test Condition	Constant Green LED Rapidly Flashing Red LED Audible Alarm	Green LED Off Rapidly Flashing Red LED Audible Alarm
Alarm Condition* (Initiating Unit)	Constant Green LED Rapidly Flashing Red LED Audible Alarm	Green LED Off Rapidly Flashing Red LED Audible Alarm
Silence Mode	Red LED flashes once every 10 seconds	Red LED flashes once every 10 seconds
Low Battery	Not Applicable	Alarm "chirp" approx. once/minute

NOTE: When power is applied, unit(s) may alarm momentarily.
 *If any Smoke Alarm in an interconnected series triggers an alarm, its red LED will flash rapidly. The red LEDs will remain OFF on any remaining alarms in the series. This feature helps responders identify which unit(s) triggered the alarm.

IF THIS SMOKE ALARM SOUNDS RESPONDING TO AN ALARM.
 During an alarm, you will hear loud 3 beeps, pause, 3 beeps.

- **IF THE ALARMS!** and you are not testing the unit, it is warning you of a potentially dangerous situation that requires your immediate attention. NEVER ignore any alarm, ignoring the alarm may result in injury or death.
- Never disconnect the AC power to quiet an unwanted alarm. Disconnecting the power disables the Alarm so fan the smoke away from the unit. The Alarm will reset automatically, open a window or fan the smoke away from the unit. The Alarm will reset automatically, open a window or fan the smoke away from the unit. The Alarm will reset automatically, open a window or fan the smoke away from the unit.
- If the unit alarms get everyone out of the house immediately.

! DANGER!
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 if the smoke clears the unit will reset itself automatically.

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 got out safely.
 • Call the Fire Department as soon as possible from outside. Give your address, then your name.
 • Never go back inside a burning building for any reason.
 • Contact your Fire Department for ideas on making your home safer.

- **WARNING!** Alarms have various limitations. See "Limitations of Smoke Alarms" for details.
- **USING THE SILENCE FEATURE** The Silence Feature can temporarily quiet an unwanted alarm for up to 10 minutes.
- **WARNING!** The Silence Feature does not disable the unit—it makes it temporarily less sensitive to smoke. For your safety, if smoke around the unit is dense enough to suggest a potentially dangerous situation, the unit will stay in alarm or may re-alarm quickly. If you do not know the source of the smoke, do not assume it is an unwanted alarm. Not responding to an alarm can result in property loss, injury, or death.
- To silence Smoke Alarms in an interconnected series:
 1. To silence multiple alarms in an interconnected series, you must press the Test/Silence button on the unit(s) that triggered the alarm.
 2. Once you activate the Silence feature, the Red LED will flash approximately once every 10 seconds.
 3. Pressing the Test/Silence button when in silence will restart the silence timer.

WARNING!
 The Silence Feature on these units can temporarily quiet an unwanted alarm for up to 10 minutes. To use this feature, press the Test/Silence button on the cover. If the unit will not silence and no heavy smoke is present, or if it stays in silence mode continuously, it should be replaced immediately.

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IF YOU SUSPECT A PROBLEM

- Smoke Alarms may not operate properly because of dead, missing or weak batteries (Model 7010BA only), a build-up of dirt, dust or grease on the Smoke Alarm cover, or installation in an improper location. Clean the Smoke Alarm as described in the "Maintenance" section, and install a fresh battery, 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 battery (Model 7010BA only).
- If you experience frequent non-emergency alarms (like those caused by cooking smoke), try relocating the Smoke Alarm.
- If the alarm sounds when no smoke is visible, try cleaning or relocating the Smoke Alarm. The cover may be dirty.
- If the alarm does not sound during testing, make sure it is receiving AC power from the household current.

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

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

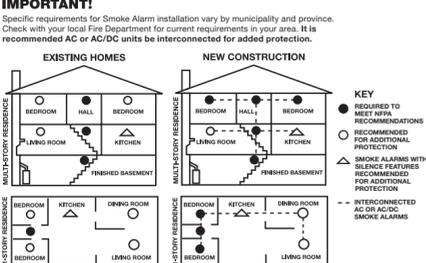
If the Smoke Alarm is still not operating properly, and it is still under warranty, please see "How to Obtain Warranty Service" in the Limited Warranty.

RECOMMENDED LOCATIONS FOR SMOKE ALARMS

INSTALLING SMOKE ALARMS IN SINGLE-FAMILY RESIDENCES
 The National Fire Protection Association (NFPA), recommends one Smoke Alarm on every floor, in every sleeping area, and in every bedroom. In new construction, the Smoke Alarms must be AC powered and interconnected. See "Agency Placement Recommendations" for details. For additional coverage, it is recommended that you install a Smoke Alarm in all rooms, halls, storage areas, finished attics, and basements, where temperatures normally remain between 4.4° C (40° F) and 38° C (100° F). Make sure no door or other obstruction could keep smoke from reaching the Smoke Alarms.

More specifically, install Smoke Alarms:
 • On every level of your home, including finished attics and basements.
 • Inside every bedroom, especially if people sleep with the door partly or completely closed.
 • In the hall near every sleeping area. If your home has multiple sleeping areas, install a unit in each. If a hall is more than 12 meters (40 feet) long, install a unit at each end.
 • At the top of the first-to-second floor stairway, and at the bottom of the basement stairway.

IMPORTANT!
 Specific requirements for Smoke Alarm installation vary by municipality and province. Check with your local Fire Department for current requirements in your area. It is recommended AC or AC/DC units be interconnected for added protection.



AGENCY PLACEMENT RECOMMENDATIONS

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. Smoke alarms should be installed in accordance with National Building Code of Canada (NBC), the National Fire Code of Canada, CANULC S553 and local requirements.

Smoke Detection-Are More Smoke Alarms Desirable? The required number of Smoke Alarms might not provide reliable early warning protection for those areas separated by a door from the areas protected by the required smoke Alarms. For this reason, it is recommended that the homeowner consider the use of additional Smoke Alarms for those areas for increased protection. The additional areas include the basement, bedrooms, dining room, furnace room, utility room, and hallways not protected by the required Smoke Alarms. The installation of Smoke Alarms in kitchens, attics (finished or unfinished), or garages is not normally recommended, as these locations occasionally experience conditions that can result in improper operation.

LOCATIONS TO AVOID FOR SMOKE ALARMS

For best performance, AVOID installing Smoke Alarms in these areas:

- Where combustion particles are produced. Combustion particles form when something burns. Areas to avoid include poorly ventilated kitchens, garages, and furnace rooms. Keep units at least 6 meters (20 feet) from the sources of combustion particles (stove, furnace, water heater, space heater) if possible. In areas where a 6 meter (20-foot) distance is not possible – in modular, mobile, or smaller homes, for example – it is recommended the Smoke Alarm be placed as far from these fuel-burning sources as possible. The placement recommendations are intended to keep these Alarms at a reasonable distance from a fuel-burning source, and thus reduce "unwanted" alarms. Unwanted alarms can occur if a Smoke Alarm is placed directly next to a fuel-burning source. Ventilate these areas as much as possible.
- In air streams near kitchens. Air currents can draw cooking smoke into the sensing chamber of a Smoke Alarm near the kitchen.
- In very damp, humid or steamy areas, or directly near bathrooms with showers. Keep units at least 3 meters (10 feet) away from showers, saunas, dishwashers, etc.
- Where the temperatures are regularly below 4.4° C (40° F) or above 38° C (100° F) including unheated buildings, outdoor rooms, porches, or unfinished attics or basements.
- In very dusty, dirty, or greasy areas. Do not install a Smoke Alarm directly over the stove or range. Clean a laundry room unit frequently to keep it free of dust or lint.
- Near fresh air vents, ceiling fans, or in very drafty areas. Drafts can blow smoke away from the unit, preventing it from reaching sensing chamber.
- In insect infested areas. Insects can clog openings to the sensing chamber and cause unwanted alarms.
- Less than 305 mm (12 inches) away from fluorescent lights. Electrical "noise" can interfere with the sensor.
- In "dead air" spaces. "Dead air" spaces may prevent smoke from reaching the Smoke Alarm.

AVOIDING DEAD AIR SPACES
 "Dead air" spaces may prevent smoke from reaching the Smoke Alarm. To avoid dead air spaces, follow the installation recommendations below.

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

For wall mounting (if allowed by building codes), the top edge of Smoke Alarms should be placed between 102 mm (4 inches) and 305 mm (12 inches) from the wall/ceiling line, below typical "dead air" spaces. On a peaked, gabled, or cathedral ceiling, install the first Smoke Alarm within 0.9 meters (3 feet) of the peak of the ceiling, measured horizontally. Additional Smoke Alarms may be required depending on the length, angle, etc. of the ceiling's slope. Refer to NFPA 72 for details on requirements for sloped or peaked ceilings.

ABOUT SMOKE ALARMS

Battery (DC) operated Smoke Alarms: Provide protection even when electricity fails, provided the batteries are fresh and correctly installed. Units are pre-installed, and do not require professional installation.

AC powered Smoke Alarms: Can be interconnected so if one unit senses smoke, all units alarm. They do not operate if electricity fails. **AC with battery (DC) back-up:** will operate if electricity fails, provided the batteries are fresh and correctly installed. AC and AC/DC units must be installed by a qualified electrician.

Smoke Alarms for Solar or Wind Energy users and battery backup power systems: AC powered Smoke Alarms should only be operated with true or pure sine wave inverters. Operating this Smoke Alarm with most battery-powered UPS (uninterruptible power supply) products or square wave or "quasi sine wave" inverters will damage the Alarm. If you are not sure about your inverter or UPS type, please consult with the manufacturer to verify.

Smoke Alarms for the hearing impaired: Special purpose Smoke Alarms should be installed for the hearing impaired. They include a visual alarm and an audible alarm horn, and meet the requirements of the Americans With Disabilities Act. These units can be interconnected so if one unit senses smoke, all units alarm.

All these Smoke Alarms are designed to provide early warning of fires if located, installed, and maintained as cared for as described in the user's manual, and if smoke reaches the Alarm. Local building codes may also require specific units in new construction or in different areas of the home.

SPECIAL COMPLIANCE CONSIDERATIONS

WARNING!
 This Smoke Alarm alone is not a suitable substitute for complete fire detection systems in places housing multiple people—like apartment buildings, condominiums, hotels, motels, dormitories, hospitals, long-term health care facilities, nursing homes, day care facilities, or group homes of any kind—even if they were once single-family homes. It is not a suitable substitute for complete fire detection systems in warehouses, industrial facilities, commercial buildings, and special-purpose non-residential buildings which require special fire detection and alarm systems. Depending on the building codes in your area, this Smoke Alarm may be required for use in these facilities.

The following information applies to all four types of buildings listed below:
 In new construction, most building codes require the use of AC or AC/DC powered Smoke Alarm units only. AC, AC/DC, or DC powered Smoke Alarms can be used in existing construction as specified by local building codes. Refer to local building codes, or consult your Fire Department for detailed fire protection regulations in buildings not defined as "households."

Single-Family Residence: Single family home, townhouse. It is recommended Smoke Alarms be installed on every level of the home, in every bedroom, and in each bedroom hallway.

Multi-Family or Mixed Occupancy Residence: Apartment building, condominium. This Smoke Alarm is suitable for use in individual apartments or condos, provided a primary fire detection system already exists to meet fire detection requirements in common areas like lobbies, hallways, or porches. Using this Smoke Alarm in common areas may not provide sufficient warning to all residents or meet local fire protection ordinances/regulations.

Institutions: Hospitals, day care facilities, long-term health care facilities. This Smoke Alarm is suitable for use in individual patient sleeping/resident rooms, provided a primary fire detection system already exists to meet fire detection requirements in common areas like lobbies, hallways, or porches. Using this Smoke Alarm in common areas may not provide sufficient warning to all residents or meet local fire protection ordinances/regulations.

Hotels and motels: Also boarding houses and dormitories. This Smoke Alarm is suitable for use inside individual sleeping/resident rooms, provided a primary fire detection system already exists to meet fire detection requirements in common areas like lobbies, hallways, or porches. Using this Smoke Alarm in common areas may not provide sufficient warning to all residents or meet local fire protection ordinances/regulations.

Smoke Alarms may not have time to alarm before the fire itself causes damage, injury, or death, since smoke from some fires may not reach the Alarm immediately. Examples of this include smoke from a fire in a sleeping area, children playing with matches, or fires caused by violent explosions resulting from escaping gas.

Smoke Alarms are not fireproof. Like any electronic device, Smoke Alarms are made of components that can wear out or fail at any time. You must test the unit weekly to ensure your continued protection. Smoke Alarms cannot prevent or extinguish fires. They are not a substitute for property or fire insurance.

Smoke Alarms have a limited life. The unit should be replaced immediately if it is not operating properly. You should always replace a Smoke Alarm after 10 years from date of purchase. Write the purchase date on the space provided on back of unit.

Smoke Alarms may not detect fire on another floor or area of the dwelling. For example, a stand-alone unit on the second floor may not detect smoke from a basement fire until the fire spreads. This may not give you enough time to escape safely. That is why we recommended minimum protection is at least one unit in every sleeping area, and every bedroom on every level of your dwelling. Even with a unit on every floor, stand-alone units may not provide as much protection as interconnected units, especially if the fire starts in a remote area. Some safety experts recommend installing interconnected AC powered units with battery back-up (see "About Smoke Alarms") or professional fire detection systems, so if one unit senses smoke, all units alarm. Interconnected units may provide earlier warning than stand-alone units.

Smoke Alarms may not be heard. Though the alarm horn in this unit meets or exceeds current standards, it may not be heard if: 1) the unit is located outside a closed or partially closed door; 2) residents recently consumed alcohol or drugs; 3) the Alarm is drowned out by noise from stereo, TV, traffic, air conditioning, or other appliances; 4) residents are hearing impaired or sound sleepers. Special units, like those with visible and audible alarms, should be installed for hearing impaired residents.

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LIMITED WARRANTY

BRK Brands, Inc., ("BRK") the maker of First Alert® brand and BRK® 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 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 tornados, or any batteries not included with this product.

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. To assist us in serving you, please have the model number and date of purchase available when calling.

For Warranty Service return to: 1301 Joe Batte, El Paso, TX 79936
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. Visit www.firstalert.ca for more information.

IMPORTANT! PLEASE READ CAREFULLY AND SAVE.
 This user's manual contains important information about your Smoke Alarm's operation. If you are installing this Smoke Alarm for the first time, you must leave this manual—or a copy of it—with the end user.

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 CERTIFIED TO
 UL STD S551
 Models 7010A, 7010BA

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All First Alert® and BRK® Smoke Alarms conform to regulatory requirements, and are designed to detect particles of combustion. Smoke particles of varying number and size are produced in all fires. Ionization technology is generally more sensitive than photoelectric technology at detecting small particles, which tend to be produced in greater amounts by flaming fires, which consume combustible materials rapidly and spread quickly. Sources of these fires may include paper burning in a wastebasket, or a grease fire in the kitchen.

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

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

INTRODUCTION
 Thank you for choosing BRK Brands, Inc. for your Smoke Alarm needs. You have purchased a state-of-the-art Smoke Alarm designed to provide you with early warning of a fire.

FIRE SAFETY TIPS
 Follow safety rules and prevent hazardous situations: 1) Use smoking materials properly. Never smoke in bed. 2) Keep matches or lighters away from children. 3) Store flammable materials in proper containers. 4) Keep electrical appliances in good condition and don't overload electrical circuits. 5) Keep stoves, barbecue grills, fireplaces and chimneys grease- and debris-free. 6) Never leave anything cooking on the stove unattended. 7) Keep portable heaters and open flames away from flammable materials. Don't use flammable liquids. 8) Use fire extinguishers properly. 9) Practice fire drills. 10) Have escape routes planned. 11) Have escape ladders or other reliable means of escape from an upper floor in case stairs are blocked.

BEFORE YOU INSTALL THIS SMOKE ALARM
Important! Read "Recommended Locations for Smoke Alarms" and "Locations to Avoid for Smoke Alarms" before beginning. This unit monitors the air around the alarm and when smoke reaches the sensing chamber, it alarms. It can give you more time to escape before fire spreads. This unit can ONLY give an early warning of developing fires if it is installed, maintained and located where smoke can reach it, and where all residents can hear 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 electric? 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 hallway or separate sleeping area. 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!
 • This unit will not alert hearing impaired residents. It is recommended that you install special units which use devices like flashing strobe lights to alert hearing impaired residents.
 • Installation of this unit must conform to the electrical codes in your area: Canadian Electrical Code, CSA 22.1, and any other local or building 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 Smoke Alarm must have AC or battery power to operate. On Model 7010BA Only: 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 weak, protection should last for at least 7 days.
 • If the Green power indicator light is dead or blinking, 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 open 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.

