



SIGNALISATION  
SIGNALLING



LISTED  
HOMOLOGUÉ

SINGLE AND/OR MULTIPLE  
STATION SMOKE ALARM

# Smoke Alarm

## User Guide

**Model: i12010SCA**



120 V AC Operated with sealed 3V Lithium Battery Backup

**ATTENTION:** Please take a few minutes to thoroughly read this user guide, which should be saved for future reference and passed on to any subsequent owner.

# What to do When the Alarm Sounds!

Smoke alarms are designed to minimize false alarms. Cigarette smoke will not normally set off the alarm, unless the smoke is blown directly into the alarm. However, large quantities of combustible particles from spills or broiling could still cause the unit to alarm. Careful location of the unit away from the kitchen area will give the maximum nuisance alarm protection.

Combustion particles from cooking may set off the alarm if located too close to the cooking area. Large quantities of combustible particles are generated from spills or when broiling. Using the fan on a range hood which vents to the outside (non-recirculating type) will also help remove these combustible products from the kitchen.

If the alarm sounds, check for fires first. If a fire is discovered follow these steps. Become thoroughly familiar with these items, and review with all family members!

- Alert small children in the home. Children sleep very sound and may not be awakened by the sound of the smoke alarms.
- Leave immediately using one of your planned escape routes (see page 21). Every second counts, don't stop to get dressed or pick up valuables.
- Before opening inside doors look for smoke seeping in around the edges, and feel with the back of your hand. If the door is hot use your second exit. If you feel it's safe, open the door very slowly and be prepared to close immediately if smoke and heat rush in.
- If the escape route requires you to go through smoke, crawl low under the smoke where the air is clearer.
- Go to your predetermined meeting place. When two people have arrived one should leave to call 911 from a neighbor's home, and the other should stay to perform a head count.

# What to do When the Alarm Sounds!

- Do not reenter under any circumstance until fire officials say that it is safe to do so.
- There are situations where a smoke alarm may not be effective to protect against fire as noted by the NFPA Standard 72. For instance:
  - Smoking in bed
  - Leaving children unsupervised
  - Cleaning with flammable liquids, such as gasoline
  - Fires where the victim is intimate with a flaming initiated fire; for example, when a person's clothes catch fire while cooking
  - Fires where the smoke is prevented from reaching the detector due to a closed door or other obstruction
  - Incendiary fires where the fire grows so rapidly that an occupant's egress is blocked even with properly located detectors

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## Introduction

Thank you for purchasing the Kidde Smoke Alarm model i12010SCA.

This unit is suitable as a Single Station and/or Multiple Station (24 devices) alarm. This alarm has a ten-year limited warranty.

**IMPORTANT: This unit is only approved to interconnect with the Kidde line of products. It is not approved to interconnect with any other manufacturer's products.**

Please take a few minutes to thoroughly read this user guide which should be saved for future reference. Teach children how to respond to the alarms, and they should never play with the unit.

Your Kidde Smoke Alarm was designed to detect smoke from any source of combustion in a residential environment. It is not designed for use in a recreational vehicle (RV) or boat.

If you have any questions about the operation or installation of your alarm, please call our toll free Product Support Line at 1 800-880-6788.

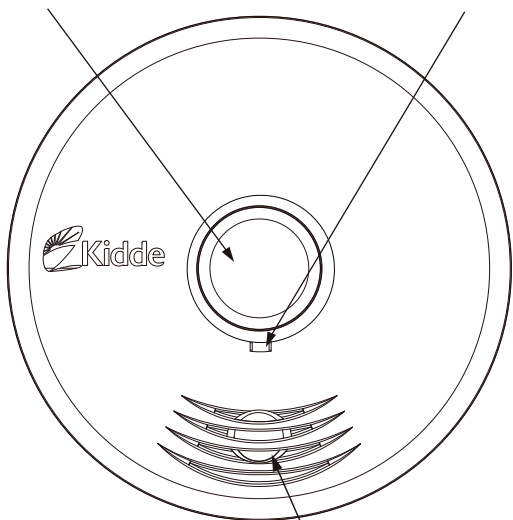
The guide on page 21 will help you determine the correct location of safety products that will help keep your home a safer place.

# Product View

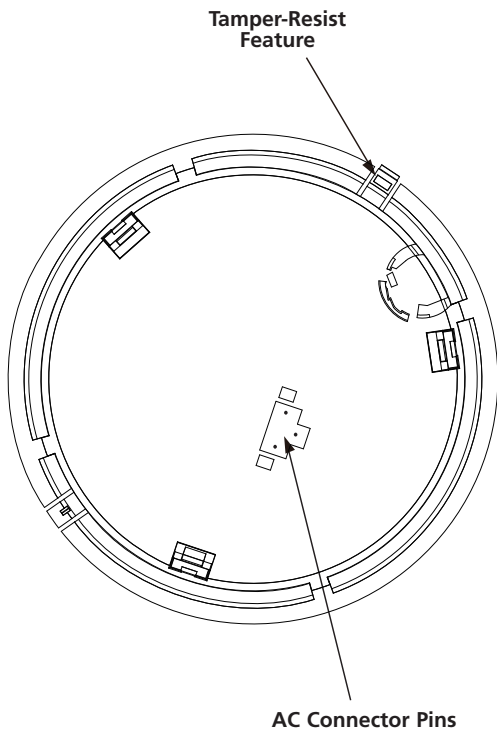
## Front

Test/Reset/Hush®  
Button

Green & Red LED  
(Light Emitting Diode)



Alarm Sounder



## Features

- Loud 85 decibel alarm.
- Ionization smoke sensor.
- Powered by 120V AC (60 Hz, 45 mA max) wire-in connector and a sealed 3V Lithium battery backup, which will last the life of the alarm. No need to replace batteries.
- Interconnectable to other Kidde smoke and CO alarms (see page 14 for details).
- Alarm warning system that alerts you of the following conditions in the manner described below:

**SMOKE ALARM:** The alarm pattern is three long alarm beeps, which will repeat until the smoke is eliminated. The red LED light will flash during alarm.

**LOW BATTERY:** If the battery is low, the red LED light will flash and the unit will "chirp" once every 60 seconds for a minimum of seven (7) days. This alarm contains a sealed 3V Lithium battery, which will last the life of the alarm. No need to replace batteries.

- The End of Product Life Alarm/Signal is a double chirp and flash every 30 seconds (see page 17).
- End of Life Hush. At end of product life, the button can be pushed to silence the end of life "chirp" for approximately 3 days at a time, for a maximum of 30 days life extension.
- One "chirp" every 30 seconds coupled with a green LED flash twice a second is an indication that the alarm is malfunctioning. If this occurs call the Product Support Line at 1-800-880-6788.
- Test/Reset button performs functions.(See page 14).
- HUSH Control Feature that silences the unit during nuisance alarm situations (see page 16).
- Alarm Memory Feature that gives visual indication when an alarm has sensed a hazardous condition (see page 16).
- Green and red LED lights that indicate normal operation and alarm status (see page 17 for details).
- Tamper Resist Feature that deters children and others from removing the alarm (see page 18).



## Features and General Information

### Smoke Alarm

The smoke alarm monitors the air for products of combustion that are produced when something is burning or smoldering. When smoke particles in the smoke sensor reach a specified concentration, the alarm warning system will sound, and be accompanied by the flashing red LED light.

## Limitations of Smoke Alarms

### **WARNING: PLEASE READ CAREFULLY AND THOROUGHLY**

NFPA 72 states: Life safety from fire in residential occupancies is based primarily on early notification to occupants of the need to escape, followed by the appropriate egress actions by those occupants. Fire warning systems for dwelling units are capable of protecting about half of the occupants in potentially fatal fires. Victims are often intimate with the fire, too old or young, or physically or mentally impaired such that they cannot escape even when warned early enough that escape should be possible. For these people, other strategies such as protection-in-place or assisted escape or rescue are necessary.

- Smoke alarms are devices that can provide early warning of possible fires at a reasonable cost; however, alarms have sensing limitations. Ionization sensing alarms may detect invisible fire particles (associated with fast flaming fires) sooner than photoelectric alarms. Photoelectric sensing alarms may detect visible fire particles (associated with slow smoldering fires) sooner than ionization alarms. Home fires develop in different ways and are often unpredictable. For maximum protection, Kidde recommends that both Ionization and Photoelectric alarms be installed.
- A battery powered alarm must have a battery of the specified type, in good condition and installed properly.
- Smoke alarms must be tested regularly to make sure the batteries and the alarm circuits are in good operating condition.

## Limitations of Smoke Alarms

- Smoke alarms cannot provide an alarm if smoke does not reach the alarm. Therefore, smoke alarms may not sense fires starting in chimneys, walls, on roofs, on the other side of a closed door or on a different floor.
- If the alarm is located outside the bedroom or on a different floor, it may not wake up a sound sleeper.
- The use of alcohol or drugs may also impair one's ability to hear the smoke alarm. For maximum protection, a smoke alarm should be installed in each sleeping area on every level of a home.
- Although smoke alarms can help save lives by providing an early warning of a fire, they are not a substitute for an insurance policy. Home owners and renters should have adequate insurance to protect their lives and property.

## Installation Instructions

### Step 1 Installation Instructions

**IMPORTANT: THIS ALARM MUST BE MOUNTED ON A CEILING OR WALL. IT WAS NOT DESIGNED FOR USE AS A TABLETOP DEVICE! INSTALL ONLY AS DIRECTED!**

#### A. Recommended Installation Locations:

Kidde recommends the installation of a Smoke Alarm in the following locations. For maximum protection we suggest an alarm be installed on each level of a multilevel home, including every bedroom, hallways, finished attics and basements. Put alarms at both ends of bedroom, hallway or large room if hallway or room is more than 9.1m (30 ft) long. If you have only one alarm, ensure it is placed in the hallway outside of the main sleeping area, or in the main bedroom. Verify the alarm can be heard in all sleeping areas.

Locate an alarm in every room where someone sleeps with the door closed. The closed door may prevent an alarm not located in that room from waking the sleeper. Smoke, heat and combustion products rise to the ceiling and spread horizontally. Mounting the alarm on the ceiling in the center of the room places it closest to all points in the room.

# Installation Instructions

Ceiling mounting is preferred in ordinary residential construction. When mounting an alarm on the ceiling, locate it at a minimum of 10cm (4") from the side wall (see Figure 1A). If installing the alarm on the wall, use an inside wall with the top edge of the alarm at a minimum of 10cm (4") and a maximum of 30.5cm (12") below the ceiling (see Figure 1B).

Fire departments, most utility companies and HVAC contractors will perform inspections. Some may charge for this service. It's advisable to inquire about any applicable fees prior to having the service performed. Kidde will not pay for, or reimburse, the owner or user of this product, for any repair or dispatch calls related to the alarm sounding.

## **Sloped Ceiling Installation:**

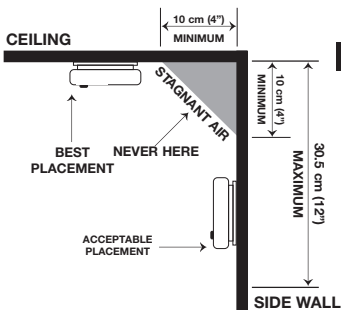
Install smoke alarms on sloped, peaked or cathedral ceilings at, or within 0.9 m (3') of the highest point (measured horizontally). NFPA 72 states "Smoke alarms in rooms with ceiling slopes greater than 0.3 m – 2.4 m (1' to 8') horizontally shall be located on the high side of the room". Do not place the alarm in the peak of an "A" frame type ceiling (see Figure 1B and 1C).

## **Mobile Homes:**

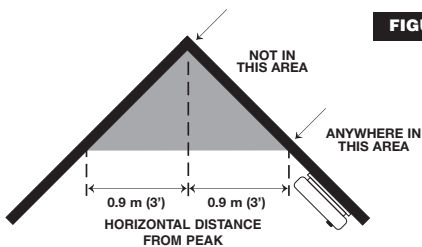
Modern mobile homes have been designed and built to be energy efficient. Install Smoke/CO alarms as recommended previously (refer to Recommended Installation Instructions and Figure 1B).

In older mobile homes that are not well insulated, extreme heat or cold can be transferred from the outside to the inside through poorly insulated walls and roof. This may cause a thermal barrier, which can prevent smoke from reaching an alarm mounted on the ceiling. In such mobile homes install your Smoke Alarm on an inside wall with the top edge of the alarm at a minimum of 10 cm (4") and a maximum of 30.5 cm (12") below the ceiling (See Figure 1B). If you are not sure about the insulation in your mobile home, or if you notice that the outer walls and ceiling are either hot or cold, install your alarm on an inside wall ONLY!

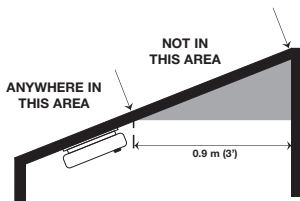
# Installation Instructions



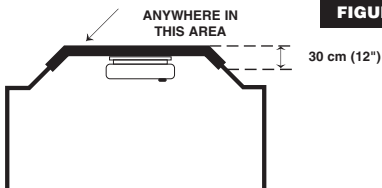
**FIGURE 1A**



**FIGURE 1B**



**FIGURE 1C**



**FIGURE 1D**

# Installation Instructions

## B. Locations to Avoid:

**⚠ WARNING: Do not install in garages, kitchens, furnace rooms or bathrooms! INSTALL AT LEAST 1.5 M (5') AWAY FROM ANY FUEL BURNING APPLIANCE.**

Do not install within 0.9 m (3') of the following: The door to a kitchen, or a bathroom that contains a tub or shower, forced air supply ducts used for heating or cooling, ceiling or whole house ventilating fans, or other high air flow areas. Avoid excessively dusty, dirty or greasy areas. Dust, grease or household chemicals can contaminate the alarm's sensor, causing the alarm to not operate properly.

Place the alarm where drapes or other objects will not block the sensor. Smoke must be able to reach the sensors to accurately detect these conditions. Do not install in peaks of vaulted ceilings, "A" frame ceilings or gabled roofs. Keep out of damp and humid areas.

Install at least 30.5 cm (12") away from fluorescent lights as electronic noise may cause nuisance alarms. Do not place in direct sunlight and keep out of insect infested areas. Extreme temperatures will affect the sensitivity of the Smoke Alarm. Do not install in areas where the temperature is colder than 4.4°C (40°F) or hotter than 37.8°C (100°F), such as garages and unfinished attics. Do not install in areas where the relative humidity (RH) is greater than 85%. Place away from doors and windows that open to the outside.

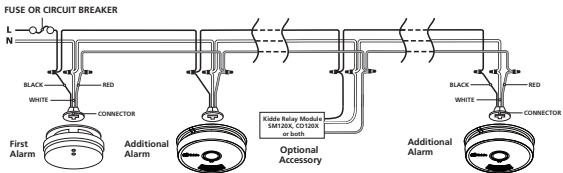
# Installation Instructions

**THIS EQUIPMENT SHOULD BE INSTALLED IN ACCORDANCE WITH THE NATIONAL FIRE PROTECTION ASSOCIATION'S STANDARD 72**

## Step 2: Wiring Instructions

### Wiring Requirements

- This smoke alarm should be installed on a CSA listed or recognized junction box. All connections should be made by a qualified electrician and all wiring used shall be in accordance with codes having jurisdiction in your area. The multiple station interconnect wiring to the alarms must be run in the same raceway or cable as the AC power wiring. In addition, the resistance of the interconnect wiring shall be a maximum of 10 ohms.
- The appropriate power source is 120 Volt AC Single Phase supplied from a non-switchable circuit, which is not protected by a ground fault interrupter.
- Smoke alarms are not to be used with detector guards unless the combination (alarm and detector guard) have been evaluated and found suitable for that purpose.



**FIGURE 2** Interconnect Wiring Diagram

### WIRES ON ALARM HARNESS CONNECTED TO

- |       |  |
|-------|--|
| Black | Hot side of AC line  |
| White | Neutral side of AC line  |
| Red   | Interconnect lines (red wires) of other units in the multiple station set up |

# Installation Instructions

- **⚠ WARNING:** The alarm cannot be operated from power derived from a square wave, modified square wave or modified sine wave, inverter. These types of inverters are sometimes used to supply power to the structure in off grid installations, such as solar or wind derived power sources. These power sources produce high peak voltages that will damage the alarm.

## WIRING INSTRUCTIONS FOR AC QUICK CONNECT HARNESS


**⚠ CAUTION! TURN OFF THE MAIN POWER TO THE CIRCUIT BEFORE WIRING THE ALARM.**

- For alarms that are used as single station, DO NOT CONNECT THE RED WIRE TO ANYTHING. Leave the red wire insulating cap in place to make certain that the red wire cannot contact any metal parts or the electrical box.
- When alarms are interconnected, all interconnected units must be powered from a single circuit.
- A maximum of 24 Kidde Safety devices may be interconnected in a multiple station arrangement. The interconnect system should not exceed the NFPA interconnect limit of 12 smoke alarms and/or 18 alarms total (smoke, CO, Smoke/ CO Combination, heat, etc.). With 18 alarms interconnected, it is still possible to interconnect up to a total of 6 remote signaling devices and/or relay modules (see page 15 for details on interconnecting Kidde devices).
- The maximum wire run distance between the first and last unit in an interconnected system is 305 m (1000').
- Figure 2 illustrates interconnection wiring. Improper connection will result in damage to the alarm, failure to operate, or a shock hazard.
- Make certain alarms are wired to a continuous (non-switched) power line.

**NOTE: Use standard CSA Listed household wire (as required by local codes) available at all electrical supply stores and most hardware stores.**

# Installation Instructions

## Step 3: Mounting Instructions

 **CAUTION: YOUR SMOKE ALARM IS SEALED AND THE COVER IS NOT REMOVABLE!**

1. To help identify the date to replace the unit, a label has been affixed to the side of the alarm. Write the "Replace by" date (10 years from initial power up) in permanent marker on the label. See Alarm Replacement section for additional information.
2. Remove the mounting bracket from the back of the alarm by holding the mounting bracket and twisting the alarm in the direction indicated by the "OFF" arrow on the alarm cover.
3. After selecting the proper location for your Smoke/CO Alarm, as described on Pages 6-8, and wiring the AC QUICK CONNECT harness as described in the WIRING INSTRUCTIONS (NOTE: AC power should be turned off at this stage), attach the mounting bracket to the electrical box. To ensure aesthetic alignment of the alarm with the hallway, or wall, the "A" line on the mounting bracket must be parallel with the hallway when ceiling mounted, or horizontal when wall mounted.
4. Pull the AC QUICK CONNECTOR through the center hole in the mounting bracket and secure the bracket, making sure that the mounting screws are positioned in the small ends of the keyholes before tightening the screws.
5. Remove the cardboard square from the connector pins and plug the AC QUICK CONNECTOR into the back of the alarm (see Figure 3), making sure that the locks on the connector snap into place. Then push the excess wire back into the electrical box through the hole in the center of the mounting bracket.



# Installation Instructions

6. Install the alarm on the mounting bracket and rotate the alarm in the direction of the "ON" arrow on the cover until the alarm ratchets into place (this ratcheting function allows for aesthetic alignment). Note: The alarm will mount to the bracket in 4 positions (every 90 degrees). NOTE: battery backup is automatically activated when the unit is rotated onto the bracket.



**FIGURE 3**

## Installing AC Quick Connect

7. Turn on the AC power. The green AC Power On Indicator should be lit when the alarm is operating from AC power.

### Step 4: Testing the Alarm

**⚠ CAUTION: Due to the loudness (85 decibels) of the alarm, always stand an arms length away from the unit when testing.**

After installation, TEST THE UNIT'S ELECTRONICS by pressing and releasing the test/reset button. You will hear one beep on the button push, and will then hear the following sequence of "beeps":

Three long beeps.

Pause.

Three long beeps.

Single beep to reset.

Weekly testing is required! If at anytime it does not perform as described, verify power is connected correctly. Clean dust and other buildup off the unit. If it still doesn't operate properly call the Product Support Line at 1-800-880-6788.

# Installation Instructions

## Interconnect Feature

**IMPORTANT:** This unit is only approved to interconnect with the Kidde line of products. It is not approved to interconnect with any other manufacturer's products.

- When mixing compatible models with battery backup with models without battery backup, be advised that the models without battery backup will not respond during an AC power failure.
- This unit is only approved to interconnect with other Kidde products. It is NOT approved to interconnect with any other brand of detection product.
- This alarm is interconnect compatible with the following alarms and accessories:

**Smoke Alarms:** 1235CA, 1275CA, 1276CA, 1285CA, i12020CA, i12020ACA, i12040CA, i12040ACA, i12060CA, i12060ACA, KN-SMFM-I-CA, PE120CA, P12040CA, Pi2000CA, Pi2010CA, i12010SCA

**CO alarms:** KN-COB-ICB-CA, KN-COB-IC-CA, KN-COP-IC-CA

**Combo alarms:** KN-COSM-ICA, KN-COSM-IBCA, KN-COSM-IBACA, KN-COPE-ICA, i12010SCOCA

**Heat alarm:** HD135F

**Relay modules:** SM120X, CO120X

**Strobe Light:** SL177i, SLED177iCA

For more information about compatible interconnect units and their functionality in an interconnect system, visit our web site at: [www.kiddecanada.com](http://www.kiddecanada.com)

**NOTE: When smoke alarms and CO alarms are interconnected, smoke alarms takes precedence, when both smoke and carbon monoxide are present.**

# Operating Instructions

## Smoke HUSH® Control Feature

The HUSH feature has the capability of temporarily desensitizing the smoke alarm circuit for approximately 9 minutes. This feature is to be used only when a known alarm condition, such as smoke from cooking, activates the alarm. When the unit is in alarm you can put your Smoke Alarm in HUSH mode by pushing the test/reset button. If the smoke is not too dense, the alarm will silence immediately, and the green LED will flash every 2 seconds for approximately 9 minutes. This indicates that the smoke alarm is in a temporarily desensitized condition.

Your Smoke Alarm will automatically reset after approximately 9 minutes. When the unit returns to normal operation after being in HUSH mode, it will sound the alarm if smoke is still present. The HUSH feature can be used repeatedly until the air has been cleared of the condition causing the alarm. While the unit is in HUSH mode, pushing the test/reset button on the alarm will also end the HUSH period.

**NOTE: DENSE SMOKE WILL OVERRIDE THE HUSH® CONTROL FEATURE AND SOUND A CONTINUOUS ALARM.**

**⚠ CAUTION: BEFORE USING THE ALARM HUSH® FEATURE, IDENTIFY THE SOURCE OF THE SMOKE AND BE CERTAIN A SAFE CONDITION EXISTS.**

# Operating Instructions

## LED Indicator Operation

### Red LED

The red LED will flash as described below under the following conditions:

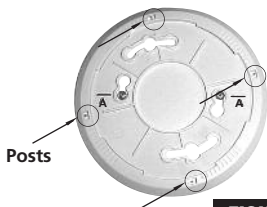
- During smoke alarm, with every beep
- During testing (same as alarm)
- Low battery: single flash with chirp every 60 seconds
- End of product life, double flash and chirp every 30 seconds
- Unit error mode: Single flash and chirp every 30 seconds. Also every 30 seconds, a Fault Code is flashed, which can be observed and reported to customer service for troubleshooting.

### Green LED

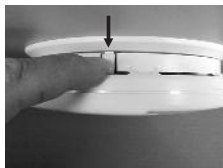
The green LED will flash as described below under the following conditions:

- Standby Condition (powered by AC and battery backup): The LED will be constantly on.
- Standby Condition (powered by only battery backup): The LED will flash every 60 seconds.
- Alarm Memory Condition: When the alarm condition goes away, the originating alarm unit will flash the LED every 16 seconds until the test/reset button is pressed, thus resetting the alarm.
- Initiating Alarm condition: 1 second flash rate during the alarm, which indicates this unit initiated the alarm.
- Trouble Fault/Error mode: 1/2 second flash rate (AC powered only). Helps owner locate the mysterious chirping unit
- HUSH MODE Condition: The LED will flash every 2 seconds while the alarm is in HUSH mode.

## Operating Instructions



**FIGURE 4A**



**FIGURE 4B**

### Tamper Resist Feature

To make your smoke alarm tamper resistant, a tamper resist feature has been provided. Activate the tamper resist feature by breaking off the four posts in the square holes in the trim ring (see Figure 4A). When the posts are broken off, the tamper resist tab on the base is allowed to engage the mounting bracket. Rotate the alarm onto the mounting bracket until you hear the tamper resist tab snap into place, locking the alarm on the mounting bracket. Using the tamper resist feature will help deter children and others from removing the alarm from bracket. NOTE: To remove the alarm when the tamper resist tab is engaged, press down on the tamper resist tab, and rotate the alarm off of the bracket (see Figure 4B).

### Alarm Removal

**IF TAMPER RESIST FEATURE HAS BEEN ACTIVATED, REFER TO TAMPER RESIST FEATURE DESCRIPTION ABOVE FOR REMOVAL INSTRUCTIONS.**

Remove the alarm from the mounting bracket by rotating the alarm in the direction of the "OFF" arrow on the cover.

## Battery Information

### **Battery (Non-Replaceable)**

This alarm contains a sealed 3V Lithium battery, which will last the life of the alarm. If any form of battery failure is detected, the red LED light will flash and the unit will "chirp" once every 60 seconds. Also, the green LED will flash twice a second to help locate the chirping unit (AC power only). This cycle will continue for at least seven days. Replace alarm immediately!

**THE UNIT MUST BE DEACTIVATED (see "Deactivation of Alarm" section) and replaced within 7 days of the first occurrence of the "Low Battery Warning" to provide continuous alarm protection.**

**If the red LED light flashes along with a chirp every 30 seconds, and if the green LED flashes twice per second (AC power only) your unit has malfunctioned.** Call our toll free Product Support Line at 1-800-880-6788 for instructions on how to return the unit.

### **End of Life Notification**

Ten (10) years after unit is first powered, this alarm will chirp twice every 30 seconds to indicate it is time to replace the alarm.

**REPLACE IMMEDIATELY! IT WILL NOT DETECT SMOKE IN THIS CONDITION.**

**End of Life Hush can be activated by pushing the test button to silence the End of Life chirp for approximately 3 days at a time for a maximum of 30 day life extension.**

**IMPORTANT: Constant exposures to high or low humidity may reduce battery life.**

# Deactivation of Alarm

## **! WARNING:**

- When disposing of the alarm, the alarm must be deactivated which discharges the battery to a safe level for disposal.
- Deactivation of the alarm is permanent. Once the alarm has been deactivated, it cannot be reactivated!
- Once deactivated, the alarm will NO LONGER DETECT SMOKE.
- Once the alarm is deactivated the battery will be depleted and the alarm will no longer function.
- Once the alarm has been deactivated, it cannot be mounted onto the mounting plate or reactivated.



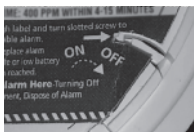
### **TO DEACTIVATE THE ALARM:**

Remove the alarm from the mounting plate by rotating it in the direction indicated by the arrows on the cover of the alarm.

On back side of alarm, locate the area on product label.



Break through label with a screw driver.



Slide the tab to the "OFF" location. This will deactivate the alarm, stop the low battery "chirp" and render the alarm safe for disposal by draining the battery.

**! WARNING:** Failure to turn off alarm as instructed prior to disposal may create potential for lithium battery related fire or hazard.

## General Maintenance

To keep your Smoke Alarm in good working order, please follow these simple steps:

- Verify the unit's alarm and LED lights operation by pushing the test/reset button once a week.
- Remove the unit from mounting bracket and vacuum the alarm cover and vents with a soft brush attachment once a month to remove dust and dirt. REINSTALL IMMEDIATELY AFTER CLEANING AND THEN TEST USING THE TEST/RESET BUTTON!
- Never use detergents or other solvents to clean the unit.
- Avoid spraying air fresheners, hair spray, or other aerosols near the Smoke Alarm.

Do not paint the unit. Paint will seal the vents and interfere with the sensor's ability to detect smoke. Never attempt to disassemble the unit or clean inside. This action will void your warranty.

Move the Smoke Alarm and place in another location prior to performing any of the following:

- Staining or stripping wood floors or furniture
- Painting or wall papering
- Using adhesives

Storing the unit in a plastic bag during any of the above projects will protect the sensors from damage. Do not place near a diaper pail.

**⚠ WARNING:** Reinstall the Smoke Alarm as soon as possible to assure continuous protection.



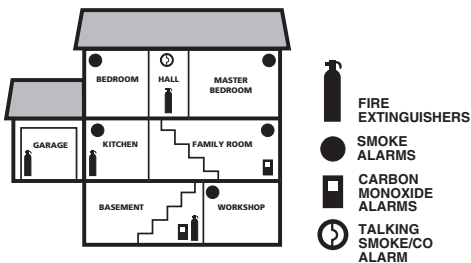
# Fire Safety Information

## Escape Plan

Familiarize everyone with the sound of the smoke alarm and train them to leave the home when they hear it. Practice a fire drill at least every six months, including fire drills at night. Ensure that small children hear the alarm and wake when it sounds. They must wake up in order to execute the escape plan. Practice allows all occupants to test your plan before an emergency. You may not be able to reach your children.

It is important they know what to do. Know two ways out of every room (door & window) and identify a meeting place outside the home where everyone will gather once they have exited the residence. When two people have reached the meeting place, one should leave to call 911 while the second person stays to account for additional family members.

Current studies have shown smoke alarms may not awaken all sleeping individuals, and that it is the responsibility of individuals in the household that are capable of assisting others to provide assistance to those who may not be awakened by the alarm sound, or to those who may be incapable of safely evacuating the area unassisted.



# Fire Safety Information

## Fire Prevention

Never smoke in bed, or leave cooking food unattended. Teach children never to play with matches or lighters!

Train everyone in the home to recognize the alarm pattern, voice message warning and to leave the home using their escape plan when it's heard.

Know how to do "Stop, Drop and Roll" if clothes catch on fire, and how to crawl low under smoke.

Install and maintain fire extinguishers on every level of the home and in the kitchen, basement and garage. Know how to use a fire extinguisher prior to an emergency. Second level and higher occupied rooms with windows, should have an escape ladder.

# Industry Safety Standards

## **NFPA (National Fire Protection Association) Required Number of Smoke Alarms**

Smoke Detection. Where required by applicable laws, codes, or standards for the specified occupancy, approved single- and multiple-station smoke alarms shall be installed as follows: (1) In all sleeping rooms. (2) Outside of each separate sleeping area, in immediate vicinity of the sleeping rooms. (3) On each level of the dwelling unit, including basements Exception: In existing one- and two-family dwelling units, approved smoke alarms powered by batteries are permitted. Check with local officials for specific regulations concerning your situation.

The required number of smoke alarms (protected areas mentioned on page 21) might not be reliable enough to provide early warning for unprotected areas that are separated by a door. For this reason, it is recommended that the householder consider the use of additional smoke alarms for those unprotected areas, for increased protection. Additional areas include the basement, bedrooms, dining room, furnace room, utility room, and hallways not protected by the required number of 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.

### **NRC**

Ionization type smoke alarms use a very small amount of a radioactive element in the sensing chamber to enable detection of visible and invisible combustion products. The radioactive element is safely contained in the chamber and requires no adjustments or maintenance. This smoke alarm meets or exceeds all government standards. It is manufactured and distributed under license from the U.S. Nuclear Regulatory Commission.

# Limited Warranty

## Ten Year Limited Warranty

If after reviewing this user guide you feel that your alarm is defective in any way, do not tamper with the unit. In many cases, the quickest way to exchange your alarm is to return it to the original place of purchase. Alternatively, you may return it for servicing to Kidde. If you have questions, call Kidde Product Support Line at 1-800-880-6788.

Kidde warrants that the enclosed alarm will be free from defects in material and workmanship or design under normal use and service for a period of ten years from the date of purchase. The obligation of Kidde under this warranty is limited to repairing or replacing the alarm or any part which we find to be defective in material, workmanship or design, free of charge, upon sending the alarm with proof of date of purchase, postage and return postage prepaid, to: Kidde Canada Inc., P.O. Box 40, Apsley, ON K0L 1A0.

This warranty shall not apply to the alarm if it has been damaged, modified, abused or altered after the date of purchase or if it fails to operate due to improper maintenance or inadequate A.C. or D.C. power. Any implied warranties arising out of this sale, including but not limited to the implied warranties of description, merchantability and fitness for a particular purpose, are limited in duration to the above warranty period. In no event shall the Manufacturer be liable for loss of use of this product or for any indirect, special, incidental or consequential damages, or costs, or expenses incurred by the consumer or any other user of this product, whether due to a breach of contract, negligence, strict liability in tort or otherwise. The Manufacturer shall have no liability for any personal injury, property damage or any special, incidental, contingent or consequential damage of any kind resulting from gas leakage, fire or explosion.

Since some provinces do not allow limitations of the duration of an implied warranty or do not allow the exclusion or limitation of incidental or consequential damages, the above limitations or exclusions may not apply to you. While this warranty gives you specific legal rights, you may also have other rights which vary from province to province. The above warranty may not be altered except in writing signed by both parties hereto.

Your Kidde Smoke Alarm is not a substitute for property, disability, life or other insurance of any kind. Appropriate insurance coverage is your responsibility. Consult your insurance agent. Removal of the front cover will void your warranty.



Kidde Canada Inc., P.O. Box 40, Apsley, ON K0L1A0

*QUESTIONS OR FOR MORE INFORMATION*

Call our Product Support Line at **1-800-880-6788** or contact us at our website at **[www.kiddecanada.com](http://www.kiddecanada.com)**