

USER'S MANUAL

SMOKE ALARM BATTERY OPERATED

Model SMI100

IMPORTANT! PLEASE READ CAREFULLY AND SAVE

information about your Smoke Alarm's operation. If you are installing this Alarm for use by others, you must leave this manual—or a copy of it—with the end user. Para el manual del usuario en español, por favor



 (\mathbf{i})

A WARNING!

visite firstalert.com

- 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
- Do not connect this unit to any other Alarm or auxiliary device. It is a single-station unit that cannot be linked to other devices. Connecting anything else to this unit may prevent
- it from working properly. Unit will not operate without battery power. The Smoke Alarm cannot work until you install

the battery in the correct position (Match "+" to "+" and "-" to "-").

A CAUTION!

- Do not install this unit over an electrical junction box. Air currents around junction boxes can prevent smoke from reaching the sensing chamber and prevent the unit from Alarming, Only AC powered units are intended for installation over junction boxes
- 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 paint over the unit. Paint may clog the openings to the sensing chamber and
- prevent the unit from operating properly.

01 INTRODUCTION

Thank you for choosing First Alert® 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. Please take the time to read this manual and make the Smoke Alarm an integral part of your family's safety plan.

BASIC SAFETY INFORMATION IMPORTANT!

- Dangers, Warnings, and Cautions alert you to important operating instructions or to potentially hazardous situations. Pay special attention to these items.
- \bullet $\;$ This Smoke Alarm is approved for use in single-family residences. It is $\bf NOT$ designed for marine or RV use.
- A CAUTION! The Smoke Alarm will only indicate the presence of smoke that reaches the sensor.
- The Smoke Alarm is not designed to sense gas, heat or flames.
- A WARNING!
- . This Smoke Alarm cannot operate without working batteries. Removing the batteries for any reason, or failing to replace the batteries at the end of their service life, removes your protection

 NEVER ignore any Alarm. See "If Your Smoke Alarm Sounds" for more information on how to
- respond to an Alarm. Failure to respond can result in injury or death.
- The Silence Features are for your convenience only and will not correct a problem. See "Using the Silence Features" for details. Always check your home for a potential problem after any Alarm. Failure
- to do so can result in injury or death.

 Test this Smoke Alarm once a week. If the Alarm ever fails to test correctly, have it replaced immediately! If the Alarm is not working properly, it cannot alert you to a probler
- 02 ABOUT SMOKE ALARMS

type, please consult with the manufacturer to verify.

TYPES OF ALARMS

All these Smoke Alarms are designed to provide early warning of fires if located, installed and cared An use Sinoke Hairing are designed to provide early warning or nies in Octate, installed and caled for as described in the user's manual, and if smoke reaches the Alarm. If you are unsure which type of unit to install, refer to NFPA (National Fire Protection Association) 72 (National Fire Alarm and Signaling Code) and NFPA 101 (Life Safety Code). National Fire Protection Association, One Batterymarch Parl Quincy, MA 02269-9101. Local building codes may also require specific units in new construction or in different areas of the home.

Battery (DC) operated Smoke Alarms: Provide protection even when electricity fails, provided the batteries are fresh and correctly installed. Units are easy to install, and do not require professional nstallation. They do not, however, provide interconnected functionalit

AC powered Smoke Alarms: Can be interconnected so if one unit senses smoke, all units Alarm. They do not operate if electricity fails.

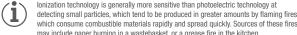
 $\textbf{AC with battery (DC) back-up:} \ will \ operate \ if \ electricity \ fails, \ provided \ the \ batteries \ are \ fresh \ and$ correctly installed. AC and AC/DC units must be installed by a qualified electrician.

 $\textbf{Smoke Alarms for Solar or wind energy users and battery backup power systems:} \ \textbf{AC powered}$ 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

 $\textbf{Smoke Alarms for the hearing impaired:} \ \textbf{Special purpose Smoke Alarms should be installed for the} \\$ 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

Smoke Alarms are not to be used with detector guards unless the combination has been evaluated

All First Alert® Smoke Alarms conform to regulatory requirements, including UL217 and are designed to detect particles of combustion. Smoke particles of varying number and size are



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



stecting large particles, which tend to be produced in greater amounts by smol fires, which may 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

03 INSTALLATION

WHERE TO INSTALL THIS ALARM

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 40° F (4.4° C) and 100° F (37.8° C). Make sure no door or other obstruction could keep smoke from reaching the Smoke Alarm

IN GENERAL, INSTALL SMOKE ALARMS:

- On every level of your home, including finished attics and basements
- . Inside every bedroom, especially if people sleep with doors closed. In the hall near every sleeping area. If your home has multiple sleeping areas, install a unit in each.
- If a hall is over 40 feet (12 meters) long, install an Alarm at each end. . At the top of the first-to-second level stairway, and at bottom of basement stairway

Specific requirements for Smoke Alarm installation vary from state to state and from region to region. 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.

RECOMMENDED PLACEMENT:



Smoke Alarm

Carbon Monoxide Alarm in every bedroom

Fire Extinguisher kitchen and garage

IMPORTANT! locking pin and the lock and pry the pin out of the lock.

WHERE NOT TO INSTALL THIS ALARM

FOR BEST PERFORMANCE, IT IS RECOMMENDED YOU AVOID INSTALLING SMOKE ALARMS

- 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 20 feet (6 meters) from the sources of combustion particles (stove, furnace, water heater, space heater) if possible. In areas where a 20-foot (6-meter) 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 uel-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
- 10 feet (3 meters) away from showers, saunas, dishwashers, etc.

 Where the temperatures are regularly below 40° F (4.4° C) or above 100° F (37.8° C), 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. Keep laundry room Smoke Alarms 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 the sensing chamber. • In insect infested areas. Insects can clog openings to the sensing chamber and cause
- Less than 12 inches (305mm) away from fluorescent lights. Electrical "noise" can interfere
- 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,

On ceilings, install Smoke Alarms as close to the center of the ceiling as possible. If this is notpossible, install the Smoke Alarm at least 4 inches (102 mm) from the wall or corne

For wall mounting (if allowed by building codes), the top edge of Smoke Alarms should be placed between 4 inches (102 mm) and 12 inches (305 mm) from the wall/ceiling line, below typical

On a peaked, gabled, or cathedral ceiling, install the first Smoke Alarm within 3 feet (0.9 meters) ofthe 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

HOW TO INSTALL THIS ALARM

nis unit is designed to be mounted on the ceiling, or on the wall if necessary.

Tools you will need: pencil, drill with 3/16" (5 mm) drill bit, standard flathead screwdriver, hammer.

THE PARTS OF THIS SMOKE ALARM

- A Smoke LED (RED)
- B Power LED (GREEN) c Test/Silence button
- 1 Mounting Bracket

2 Locking pins

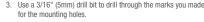
- (break out of bracket) 3 Mounting Slots
- 4 Latch to open
- battery compartment 5 Battery compartment -Install 9V battery here
- 6 Turn this way to remove
- 7 Turn this way to attach

FOLLOW THESE SIMPLE STEPS 1. Choose a location. See "Where to Install This

electrical box. Only AC powered units are intended for tallation over electrical boxes. 2. Hold the bracket against the ceiling or wall and make a mark inside each hole where you will drill your mounting hole. To install on the wall, ensure that the round portions of the holes

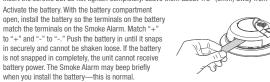
WARNING! Do not install this Alarm over an existing





4. Insert the plastic screw anchors (in the plastic bag with the screws) into the holes. Tap the screw anchors gently with a hammer, if necessary, until they are flush with the ceiling or wall.

Insert the screws but do not tighten completely. Leave them about 1/8" (3mm) away from the wall 6. Activate the battery. With the battery compartment open, install the battery so the terminals on the battery match the terminals on the Smoke Alarm. Match "+" to "+" and "-" to "-." Push the battery in until it snaps in securely and cannot be shaken loose. If the battery



Mounting Hole Sets

when you install the battery—this is normal.

If battery pull tab exists, activate the battery back-up by removing the "Pull to Activate Battery Back-Up" tab. You do no need to open the battery compartment during install

What You Will See & Hear

- 7. Position the base of the Smoke Alarm over the mounting bracket and turn. The Alarm car be positioned over the bracket every 60°. Turn the Smoke Alarm clockwise (right) until the
- 8. Test the Smoke Alarm. See "Weekly Testing."

Horn: Silent; Power LED: Flashes GREEN 1 time every minute; Smoke LED: Off	
Horn: Short "chirp", then 3 beeps, pause, 3 beeps; Power LED: Flashes GREEN 1 time; Smoke LED: Flashes RED in sync with horn	
Horn: Chirps 1 time every minute; Power LED: Flashes Green 1 time every minute; Smoke LED: Off	
Horn: Silent (for up to 8 hours); Power LED: Flashes Green 1 time every minute; Smoke LED: Off	
Horn: 3 chirps every minute; Power LED: Flashes Green 3 times every minute; Smoke LED: Off	
Horn: 5 chirps every minute; Power LED: Flashes Green 5 times every minute; Smoke LED: Off	
Horn: Silent (for up to 2 days, 14 days total); Power LED: Flashes Green 5 times every minute; Smoke LED: Off	
Horn: 3 beeps, pause, 3 beeps, repeat; Power LED: Off; Smoke LED: Flashes Red in sync with horn	
Horn: Off; Power LED: Off; Smoke LED: Flashes Red 3 times, pause, 3 times, repeat.	

04 ALARM FEATURES

. Easy Installation: Add protection in minutes

LOCKING FEATURES

The optional locking features are designed to discourage unauthorized removal of the battery or Alarm. It is not necessary to activate the locks in single-family households where

These Smoke Alarms have two separate locking **features:** one to lock the battery compartment, and the other to lock the Smoke Alarm to the mounting bracket. You can choose to use either feature independently.

Tools you will need: Needle-nose pliers or utility knife. standard flathead screwdriver

Both locking features use locking pins, which are molded into the mounting bracket. Using needle nose pliers or a utility knife, remove one or both pins from the mounting bracket.

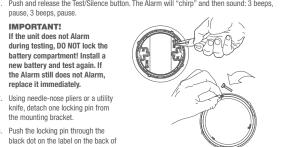
To permanently remove the locking pin, insert a flathead screwdriver between the

TO LOCK THE BATTERY COMPARTMENT

Do not lock the battery compartment until you have installed the battery and

tested the unit. 1. Push and release the Test/Silence button. The Alarm will "chirp" and then sound: 3 beeps pause, 3 beeps, pause.

If the unit does not Alarm during testing, DO NOT lock the



TO UNLOCK THE BATTERY COMPARTMENT

- Remove the Smoke Alarm from the mounting bracket. If the unit is locked to the bracket, see the section "To Unlock the Mounting Bracket."
- 2. Insert a flathead screwdriver under the head of the locking pin, and gently pry it out of the battery compartment lock. (If you plan to relock the battery compartment, save the locking pin.)
- 3. To relock the battery compartment, close the battery door and reinsert locking pin in lock.
- Reattach the Smoke Alarm to the mounting bracket

IMPORTANT! hen replacing the batteries, always test the Alarm before relocking the battery compartment.

IMPORTANT!

new battery and test again. If

Using needle-nose pliers or a utility

knife, detach one locking pin from

the Alarm still does not Alarm

replace it immediately.

the mounting bracket.

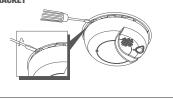
the Smoke Alarm.

- TO LOCK THE MOUNTING BRACKET detach one locking pir from mounting bracket
- Insert the locking pin into the lock located o the pivoting hinge of the battery compartment.



TO UNLOCK THE MOUNTING BRACKET Insert a flathead screwdriver

- pin and the mounting bracket. 2. Prv the Alarm away from the bracket by turning both
- the screwdriver and the at the same time.



05 TESTING & MAINTENANCE

WEEKLY TESTING A WARNING!

- **NEVER** use an open flame of any kind to test this unit. You might accidentally damage or set fire to the unit or to your home.
- 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

It is important to test this unit every week to make sure it is working properly. Using the Test/Silence button is the recommended way to test this Smoke Alarm. Press and hold the Test/Silence button on the cover of the unit until the 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, repeating horn pattern: 3 beeps, pause, 3 beeps, pause.

REGULAR MAINTENANCE

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. Clean the Smoke Alarm at least once a month; gently vacuum the outside of the Smoke Alarm using your household vacuum's soft brush attachment. Test the Smoke Alarm. Never use water,
- cleaners or solvents since they may damage the unit. If the green power LED flashes 2 times every minute (horn is silent) it means that the Alarm needs
- to be cleaned as indicated above. If green LED continues to flash, please call Consumer Support.

 If the Smoke Alarm becomes contaminated by excessive dirt, dust and/or grime, and cannot be cleaned to avoid unwanted Alarms, replace the unit immediately.
- Relocate the unit if it sounds frequent unwanted Alarms. See "Where This Alarm Should Not Be" When the battery becomes weak, the Smoke Alarm unit will "chirp" about once a minute (the
- low battery warning). This low battery warning should last for 7 days, but you should replace the battery immediately to continue your protection. Protect or cover the alarm when doing any maintenance to home i.e. sanding floors, painting, drywall patching, etc. to prevent contamination.

CHOOSING A REPLACEMENT BATTERY:

Your Smoke Alarm requires one standard 9V battery. The following batteries are acceptable as eplacements: Duracell #MN1604, (Ultra) #MX1604; Eveready (Energizer) #522, Eveready (Energizer) #1222. These batteries are available at many local retail stores.

A WARNING!

Always use the exact batteries specified by this User's Manual. DO NOT use rechargeable batteries. Clean the battery contacts and also those of the device prior to battery installation. Install batteries correctly with regard to polarity (+ and -). Please dispose of or recycle used batteries properly, following any local regulation

Consult your local waste management authority or recycling organization to find an

Keep battery out of reach of children. In the event a battery is swallowed, immediately

contact your poison control center, your physician, or the National Battery Ingestion hotline

electronics recycling facility in your area. DO NOT DISPOSE OF BATTERIES IN FIRE. BATTERIES MAY EXPLODE OR LEAK.

'chirping" (the "low battery warning").

at 202-625-3333 as serious injury may occur. Actual battery service life depends on the Alarm and the environment in which it is installed. All the batteries specified above are acceptable replacement batteries for this unit. Regardless of the manufacturer's suggested battery life, you MUST replace the battery immediately once the unit starts

TROUBLESHOOTING GUIDE		
IF THE ALARM	PROBLEM	YOU SHOULD
Green Power light is off. Unit will not Alarm when you press the Test/Silence button	Battery may be dead or missing.	Replace battery*
Horn "chirps" and Green Power LED flashes 1 time every minute	Battery is low	Replace battery*
Horn "chirps" and Green Power LED flashes 3 times every minute	MALFUNCTION SIGNAL. Device is not working properly, and needs to be replaced.	If unit is under warranty, contact Consumer Support to process a warranty replacement.
Horn "chirps" and Green Power LED flashes 5 times every minute	END OF LIFE SIGNAL. Alarm needs to be replaced.	Replace Alarm immediately
Power LED flashes Green 2 times every minute	Alarm requires cleaning	Clean Alarm then press and release the test button. See "Regular Maintenance" section. If Green LED continues to flash, contact Consumer Support.

Alarm goes back into Alarm after you press the Smoke levels are still potentially dangerous silence the Alarm

mer Support Team at 1-800-323-9005

Smoke Alarm sounds when

no smoke is visible.

FIRE SAFETY TIPS

A WARNING!

A WARNING!

A WARNING!

result in injury or death.

WHAT TO DO IN CASE OF FIRE

when the unit returns to normal operation

SILENCING THE LOW BATTERY WARNING

SILENCING THE END OF LIFE SIGNAL

after 14 days following the initial end-of-life signal.

IF YOU SUSPECT A PROBLEM

relocating the Smoke Alarm.

Obtain Warranty Service" in the Limited Warranty.

MORE SPECIFICALLY, INSTALL SMOKE ALARMS:

or AC/DC units be interconnected for added protection.

A. CO

IMPORTANT!

♦ CO

Smoke Alarms

Smoke/CO Alarms

CO CO Alarms

Smoke Alarm immediately.

cover may be dirty.

Don't panic; stay calm. Follow your family escape plan.

· Never go back inside a burning building for any reason

Contact your Fire Department for ideas on making your home safe

07 USING THE SILENCE FEATURES

stays in silence mode continuously, it should be replaced immediately

acknowledging that the End of Life Silence Feature has been activated.

If you hear 3 or 5 chirps every minute or so, replace the Smoke Alarm.

08 REGULATORY INFORMATION

FOR SMOKE ALARMS

RECOMMENDED LOCATIONS FOR SMOKE ALARMS

INSTALLING SMOKE ALARMS IN SINGLE-FAMILY RESIDENCES

On every level of your home, including finished attics and basements

wanted Alarm may be

source like cooking smoke.

Follow safety rules and prevent hazardous situations: 1) Use smoking materials properly. Never smoke in

*For a list of acceptable replacement batteries, see "Regular Maintenance

If you have questions that cannot be answered by reading this manual, call the

ed. 2) Keep matches or lighters away from children; 3) Store flammable materials in prope

06 IF THIS SMOKE ALARM SOUNDS

RESPONDING TO AN ALARM

If the unit Alarms get everyone out of the house immediately.

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, like candles, away from flammable

materials: 8) Don't let rubbish accumulate. Keep Alarms clean, and test them weekly. Beplace Alarms

Keep at least one working fire extinguisher on every level, and an additional one in the kitchen. Have fire

During an Alarm, you will hear a loud, repeating horn pattern: 3 beeps, pause, 3 beeps, pause.

If the unit 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

Never remove the batteries from a battery operated Smoke Alarm to stop an unwanted Alarm (caused by cooking smoke, etc.). Removing batteries disables the Alarm so it cannot sense smoke,

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

everybody got out safely.

Call the Fire Department as soon as possible from outside. Give your address, then your name.

The Silence Feature can temporarily quiet an unwanted Alarm for up to 15 minutes. To use this feature, press the "Test/Silence" button. The Alarm remains functional. The LED will flash 3 times every few

seconds (for up to 15 minutes) to remind you the Alarm has been silenced. The flashing LED will stop

The Silence Feature does not disable the unit—it makes it temporarily less sensitive to smoke

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. If the unit will not silence and no heavy smoke is present, or if it

This Silence Feature can temporarily quiet the Low Battery Warning "chirp". Press the Test/Silence

button on the Alarm. The Green light flashes normally, once every minute, during Low Battery Warning silence. After time, the low battery "chirp" will resume. Replace the battery immediately.

This Silence Feature can temporarily quiet the End of Life warning "chirp" for up to 2 days. You can silence the End of Life warning "chirp" by pressing the Test/Silence button. The horn will chirp,

After approximately 2 days, the End of Life "chirp" will resume. The timer shall not be able to be reset

Smoke Alarms may not operate properly because of a dead, missing or weak batteries, 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 "Regular Maintenance" and install fresh batteries, 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

If you experience frequent non-emergency Alarms (like those caused by cooking smoke), try

• If the Alarm sounds when no smoke is visible, try cleaning or relocating the Smoke Alarm. The

If the Smoke Alarm is still not operating properly, and it is still under warranty, please see "How to

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

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

ecommended that you install a Smoke Alarm in all rooms, halls, storage areas, finished attics, and

nside every bedroom, especially if people sleep with the door partly or completely close

If a hall is more than 40 feet long (12 meters), install a unit at each end.

At the top of the first-to-second floor stairway, and at the bottom of the basement stairway.

• In the hall near every sleeping area. If your home has multiple sleeping areas, install a unit in each.

ecific requirements for Smoke Alarm installation vary from state to state and from region to region

—**⟨**\, co-

Check with your local Fire Department for current requirements in your area. It is recommended AC

sure no door or other obstruction could keep smoke from reaching the Smoke Alarms.

For your safety, if smoke around the unit is dense enough to suggest a potentially dangerous

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

Alarms have various limitations. See "General Limitations of Smoke Alarms" for details

and removes your protection. Instead open a window or fan the smoke away from the unit. The

escape ladders or other reliable means of escape from an upper level in case stairs are blocked; 9) Have

diately if they are not working properly. Smoke Alarms that do not work cannot alert you to a fire

details on how to

espond to an Alarm

EVACUATE your home

mediately and call 911

Silence Alarm using Test/

Silence button. Clean the

clean cloth. If frequent

may be too close to a

or steamy bathroom.

larm's cover with a soft

relocate your Alarm. Alarm

kitchen, cooking applianc

♦ CO Both OR Combination Hardwired Intercor AC or AC/DC Alarms

Wireless Alarms

⟨\, C0−

Wireless Interconnected Alarms

09 AGENCY PLACEMENT RECOMMENDATIONS

NFPA 72 CHAPTER 29 "FOR YOUR INFORMATION, THE NATIONAL FIRE ALARM AND SIGNALING

29.5.1* Required Detection.

29.5.1.1* Where required by other governing laws, codes, or standards for a specific type of

- 1. *In all sleeping rooms and guest rooms
- 2. *Outside of each separate dwelling unit sleeping area, within 21 ft (6.4 m) of any door to a sleeping room, with the distance measured along a path of travel
- 3. On every level of a dwelling unit, including basements
- 4. On every level of a residential board and care occupancy (small facility), including basements and excluding crawl spaces and unfinished attics
- 5. *In the living area(s) of a guest suite
- 6. In the living area(s) of a residential board and care occupancy (small facility)
- (Reprinted with permission from NFPA 72®, National Fire Alarm and Signaling Code Copyright © 2012 al Fire Protection Association, Quincy, MA 02269. This reprinted material is not the com and official position of the National Fire Protection Association, on the referenced subject which is represented only by the standard in its entirety).

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10 SPECIAL COMPLIANCE CONSIDERATIONS

all residents or meet local fire protection ordinances/regulations.

This Smoke Alarm is suitable for use in apartments, condominiums, townhouses, hospitals, day care acilities, health care facilities, boarding houses, group homes and dormitories provided a primary fire detection system already exists to meet fire detection requirements in common areas like lobbies allways, or porches. Using this Smoke Alarm in common areas may not provide sufficient warning to

This Smoke Alarm alone is not a suitable substitute for complete fire detection systems in places nousing many people—like apartment buildings, condominiums, hotels, motels, dormitories, hospitals, health care facilities, nursing homes, day care facilities, or group homes of any kind. 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 used to provide additional protection in these facilities.

In new construction, most building codes require the use of AC or AC/DC powered Smoke Alarms only In existing construction, AC, AC/DC, or DC powered Smoke Alarms can be used as specified by local building codes. THIS EQUIPMENT SHOULD BE INSTALLED IN ACCORDANCE WITH THE NATIONAL FIRE PROTECTION ASSOCIATION'S STANDARD 72 (National Fire Protection Association, Batterymarch Park, Quincy, MA 02269). Refer to NFPA 101 (Life Safety Code), local building codes, or consult your Fire Department for detailed fire protection requirements in buildings not defined as "households"

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful ference in a residential installation. This equipment generates, uses and can radiate radio frequenc energy and, if not installed and used in accordance with the instructions, may cause harmful interference to

However, there is no guarantee that the interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures

· Reorient or relocate the receiving antenna.

authority to operate the equipment.

- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that of the receiver. Consult the dealer or an experienced radio or TV technician for help. A WARNING!

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications to the product, not expressly approved by First Alert, could void the user's

11 GENERAL LIMITATIONS OF SMOKE ALARMS Smoke Alarms have played a key role in reducing deaths resulting from home fires worldwide

However, like any warning device, Smoke Alarms can only work if they are properly located, installed, and maintained, and if smoke reaches them. They are not foolproof. Smoke Alarms may not waken all individuals. Practice the escape plan at least twice a year. making sure that everyone is involved —from kids to grandparents. Allow children to master fire escape planning and practice before holding a fire drill at night when they are sleeping. If children or others do not readily waken to the sound of the Smoke Alarm, or if there are infants or family members with mobility limitations, make sure that someone is assigned to assist them in fire drill and in the event of an emergency. It is recommended that you hold a fire drill while family members are leeping in order to determine their response to the sound of the Smoke Alarm while sleeping and to

Smoke Alarms cannot work without power. Battery operated units cannot work if the batteries are missing, disconnected or dead, if the wrong type of batteries are used, or if the batteries are not installed correctly. AC units cannot work if the AC power is cut off for any reason (open fuse or circuit breaker, failure along a power line or at a power station, electrical fire that burns the electrical wires, etc.). If you are concerned about the limitations of battery or AC power, install both types of units. Smoke Alarms cannot detect fires if the smoke does not reach the Alarms. Smoke from fires in chimneys or walls, on roofs, or on the other side of closed doors may not reach the sensing chamber and set off the Alarm. That is why one unit should be installed inside each bedroom or sleeping area-

determine whether they may need assistance in the event of an emergency.

especially if bedroom or sleeping area doors are closed at night—and in the hallway between them. Smoke Alarms may not detect fire on another level or area of the home. For example, a standalone unit on the second level 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 recommended minimum protection is at least one unit in every sleeping area, and every bedroom on every level of your home. Even with a unit on every level, 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 varning than stand-alone units since all units Alarm when one detects smoke.

standards, it may not be heard if: 1) the unit is located outside a closed or partially closed door, 2) standards, it may not be read in ... if the timits because dustines a closed or ligarians (used using out), 2) residents recently consumed alcohol or drugs, 3) the Alarm is drowned out by noise from stereo, TV, traffic, air conditioner or other appliances, 4) residents are hearing impaired or sound sleepers. Special purpose units, like those with visual and audible Alarms, should be installed for hearing The Alarm may not have time to Alarm before the fire itself causes damage, injury, or death, since smoke from some free may not reach the unit immediately. Examples of this include persons smoking in bed, children playing with matches, when a person's clothing catches fire

Smoke Alarms may not be heard. Though the Alarm horn in this unit meets or exceeds current

fires where the fire grows so rapidly that an occupant's egress is blocked even with properly located Smoke Alarms Smoke Alarms are not foolproof. 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

hile cooking, fires caused by violent explosions resulting from escaping gas, or incendiary

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.

12 LIMITED WARRANTY

First Alert® warrants that for a period of ten years from the date of purchase, this product will be free from defects in material and workmanship. First Alert, at its option, will repair or replace this product or any component of the product found to be defective during the warranty period. Replacement will be made with a new or remanufactured product or component. If the product is no longer vailable, replacement may be made with a similar product of equal or greater value. This is you exclusive warranty.

not transferable. Keep the original sales receipt. Proof of purchase is required to obtain warranty performance. First Alert dealers, service centers, or retail stores selling First Alert products do not have ne 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:

This warranty is valid for the original retail purchaser from the date of initial retail purchase and is

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 First Alert or an authorized service center Further the warranty does not cover Acts of God, such as fire, flood urricanes and tornadoes or any batteries that are included with this unit. First Alert 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

limitations or exclusion may not apply to you. This warranty gives you specific legal rights, and you

or consequential damages or limitations on how long an implied warranty lasts, so the above

may also have other rights that vary from state to state or province to province.

For your records, please record: Date Purchased: Where Purchased: Date Installed: _____/___/ Replace Alarm 10 years after installation.

The Alarm will also provide an audible End-of-Life Signal approximately 10 years after installation to remind you to replace the unit.

The End-of-Life Signal can be silenced for up to 2 days. Do not unplug or deactivate the Alarm until you get replacemen

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Please write the date in the space provided:_

HOW TO OBTAIN WARRANTY SERVICE

