SMOKE AND FIRE* ALARM



The warnings/limitations card and manual contains important 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. Reference product card for additional information



CONFORMS TO UL STD 217 Model P1210

Printed in Mexico

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.

KEY FEATURES OF THE P1210 SMOKE ALARM:

Photoelectric Sensing Technology: Photoelectric Sensors are generally more sensitive than ionization sensors in detecting smoldering fires which commonly occur in couches or bedding.

OptiPath 360 Technology™: Patented technology provides 360° of direct access to the smoke sensor. Single Test/Silence Button: Allows you to test the alarm or silence nuisance alarms. Testing the

alarm assures you that the unit is functioning correctly and ready to protect you and your family The alarm can be silenced for up to 9 minutes in the event of a nuisance alarm.

10-Year End of Life Indicator and Low Battery Warnings: The alarm will chirp once per minute indicating a Low Battery Warning, meaning the unit will need to be replaced soon. The alarm will horn 3 pulses even 43 seconds to alert that the batteries are dead and the unit needs to be replaced immediately.

Latching Feature - Alarm Memory: The alarm sensed smoke or fire, went off and pulled itself out of alarm mode. To notify you of this event, the alarm will give 3 quick flashes every 45 seconds for 24 hours. You can stop it by pressing the test/silence button. After 24 hours, it will pull itself out of the latch mode and no longer flash.

Low Battery Silence: The alarm can be silenced for 8 hours.

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omer Service Team: (800) 323-9005 · www.firstalert.com · www.brkelec

FOLLOW THESE SIMPLE STEPS

1. Hold the mounting bracket against the ceiling (or wall) so the two clusters of universal mounting holes are aligned approximately at the 9:00 and 3:00 o'clock positions. See mage. Choose one of the three sets of holes shown, A, B or C (see image) and trace around one of the sets. Be sure to choose a top and bottom slot on opposite sides so you can rotate the universal mounting bracket into position later. This will make it easier in the future to remove the mounting bracket without completely removing the screws WARNING! Do not install this alarm over an existing electrical box. Only AC powered units are intended for installation over electrical boxes.

- 2. Put the unit where it won't get covered with dust when you drill the mounting holes
- 3. Using a 3/16" (5 mm) drill bit, drill a hole through the center of the oval outlines you traced.
- 4. Insert the plastic screw anchors (in the plastic bag with screws) into the holes. Tap the screw anchors gently with a hammer. if necessary, until they are flush with the ceiling or wall.
- 5. Install the screws but do not tighten completely. Attach the mounting bracket by aligning the screws in the open portion of the universal mounting slots and rotating the bracket into place. Tighten the screws until they are snug to secure the bracket. Do not over tighten
- 6. Activating the battery. Mount alarm to mounting bracket to activate. Once unit is activated, it cannot be turned off. Make sure the alarm is locked into the mounting bracket. NOTE: After you activate the battery, the power indicator light may flash. (If the unit alarms, the light will blink rapidly, and the horn will repeatedly sound 3 beeps, pause, 3 beeps.) Once the moke alarm is on the bracket, you can rotate the alarm to adjust the alignment
- 7. Test the alarm. See "Weekly Testing."

USER'S MANUAL

10-YEAR SEALED BATTERY

SMOKE AND FIRE* ALARM

OPERATED PHOTOELECTRIC SMOKE ALARM WITH SILENCE FEATURE

IMPORTANT! PLEASE READ

The warnings/limitations card and

manual contains important 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. Reference

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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.

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Single Test/Silence Button: Allows you to test the alarm or silence nuisance alarms. Testing the

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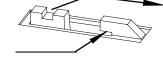
CAREFULLY AND SAVE

INTRODUCTION

TO PERMANENTLY DEACTIVATE THE SMOKE ALARM

8. After 10 years of operation or Low Battery Warning, deactivate the alarm: Insert a tool below edge where shown and break tab. Then slide activation switch to deactivate mode. NOTE: At end of life or low battery indication (chirp): unit must be put into deactivation mode to deactivate remaining stored energy in battery. Unit will no longer function

once put into this mode. Unit will resist re-mounting



F FIRST ALERT

Printed in Mexico

Model P1210

M08-0466-160277-US RevB **L** 01/18

CONFORMS TO UL STD 217

Mounting Hole Sets

FIRST ALERT



M08-0466-160277-US_RevB L 01/18

BASIC SAFETY INFORMATION

AWARNING!

INTRODUCTION (CONTINUED).

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.

Red Blinking Power Indicator every 6 minutes: Confirms that the smoke alarm is receiving power

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 produced in all fires.

lonization 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 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 bedroom of your home.

- 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 activate the battery power pack.

ACAUTION!

- 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.

BEFORE YOU INSTALL THIS SMOKE ALARM

before beginning. This unit monitors the air, and when smoke reaches its sensing chamber, it alarms. It can give you more time to escape before fire spreads. This unit can 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.

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

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 build hotels or motels. See "Special Compliance Considerations" for details.

FOR BEST PERFORMANCE, IT IS RECOMMENDED YOU AVOID INSTALLING SMOKE ALARMS IN THESE AREAS:

- 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) occur if a smoke alarm is placed directly next to a fuel-burning source. Ventilate these areas as much as possible.
- sensing chamber of a smoke alarm near the kitchen.

- unheated buildings, outdoor rooms, porches, or unfinished attics or basem In very dusty, dirty, or greasy areas. Do not install a smoke alarm directly over the
- 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 unwanted alarms.
- In "dead air" spaces. "Dead air" spaces may prevent smoke from reaching the smoke alarm

a few simple things you must do to keep it working properly.

· Test it at least once a week.

- · 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 "Locations to Avoid for Smoke Alarms" for details.
- minute (the Low Battery Warning). This Low Battery Warning should last for up to 30 days, but you should replace the smoke alarm immediately to continue your protection.

replace the smoke alarm immediately once the unit starts "chirping" (the "Low Battery Warning").

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, like candles, away from flammable materials, 8) Don't let rubbish accumulate. Keep alarms clean, and test them weekly. Replace alarms immediately if they are not working properly. Smoke alarms that do not work cannot alert you to a fire. Keep at least one working fire extinguisher on every level, and an additional one in the kitchen. Have fire escape ladders or other reliable means of escape from an upper level in case stairs are blocked

OPTIONAL LOCKING FEATURE

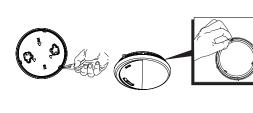
The optional locking feature is designed to prevent unauthorized removal of the alarm. It is not necessary to activate the lock in single-family households where unauthorized alarm removal is not a concern. Tools you will need: Needle-nose pliers or

utility knife, standard flathead screwdriver The feature uses a locking pin which is molded into the mounting bracket. Remove locking pin by using needle-nose pliers or a utility knife

IMPORTANT! To permanently remove the locking pin, insert a flathead screwdriver between the locking pin and the lock and pry the pin out of the lock.

TO LOCK THE

- **MOUNTING BRACKET** Using needle-nose pliers
- mounting bracket. 2. Insert the locking pir through the hole on the back of the smoke alarm as shown in the diagram
- 3. When you attach the alarm to the mounting bracket the locking pin's head will fit into a notch on the bracket



INTRODUCTION (CONTINUED)...

Red Blinking Power Indicator every 6 minutes: Confirms that the smoke alarm is receiving power

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 produced in all fires.

lonization 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.

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BASIC SAFETY INFORMATION

- AWARNING!
- 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 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 vou activate the battery power pack.

- 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

- ACAUTION! Do not install this unit over an electrical junction box. Air currents around junction

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, and when smoke reaches its 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 electrical? Different smoke alarms provide different types of protection. See "About Smoke Alarms" for details.

Know Where To Install Your Smoke Alarms: Fire Safety Professionals recommend at least one smoke alarm on every level of your home, in every bedroom, and in every bedroom hallway or separate sleeping area. See "Recommended Locations for Smoke Alarms" and "Locations to Avoid for Smoke Alarms" for details.

Check Your Local Building Codes: This smoke alarm is designed to be used in a typical singlefamily home. It alone will not meet requirements for boarding houses, apartment buildings, hotels or motels. See "Special Compliance Considerations" for details

LOCATIONS TO AVOID FOR SMOKE ALARMS FOR BEST PERFORMANCE, IT IS RECOMMENDED YOU 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 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 fuel-burning source. Ventilate these areas as much as possible
- sensing chamber of a smoke alarm near the kitchen.
- In very damp, humid or steamy areas, or directly near bathrooms with showers. Keep units
- Where the temperatures are regularly below 40° E (4.4° C) or above 100° E (37.8° C), including unheated buildings, outdoor rooms, porches, or unfinished attics or base
- 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 lin
- 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 unwanted alarms. Less than 12 inches (305mm) 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 4 inches (102 mm) from the wall or corner. For wall mounting (if allowed by building codes), the top edge of smoke alarms should be placed between 4 and 12 inches (102 and 305 mm) from the wall/ceiling line, below typical "dead air" spaces. On a peaked, gabled, or cathedral ceiling, install the first smoke alarm within 3 feet (0.9 meters) of the peak

of the ceiling, measured horizontally. Additional smoke alarms may be required depending on the length, angle,

HOW TO INSTALL THIS SMOKE ALARM

This 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

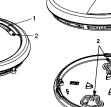
THE PARTS OF THIS SMOKE ALARM

2. Dual power indicator light and alarm indicator: Green LED provides visual indication of an alarm memory condition: Red

LED provides visual indication

of an alarm and hush modes





1. Mounting bracket 2. Mounting slots

3. Turn this way to attach

4. Turn this way to remove

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FOLLOW THESE SIMPLE STEPS 1. Hold the mounting bracket against the ceiling (or wall) so the two clusters of universal mounting holes are aligned approximately at the 9:00 and 3:00 o'clock positions. See

Low Battery Silence: The alarm can be silenced for 8 hours.

mounting bracket without completely removing the screws WARNING! Do not install this alarm over an existing electrical box. Only AC powered units are intended for installation over electrical boxes.

mage. Choose one of the three sets of holes shown, A, B

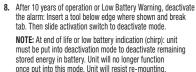
or C (see image) and trace around one of the sets. Be sure

to choose a top and bottom slot on opposite sides so you

can rotate the universal mounting bracket into position

later. This will make it easier in the future to remove the

- 2. Put the unit where it won't get covered with dust when you drill the mou 3. Using a 3/16" (5 mm) drill bit, drill a hole through
- the center of the oval outlines you traced. 4. Insert the plastic screw anchors (in the plastic bag with screws)
- into the holes. Tap the screw anchors gently with a hammer, if necessary, until they are flush with the ceiling or wall. 5. Install the screws but do not tighten completely. Attach the mounting bracket by aligning the screws in the open portion of the universal mounting slots and rotating the bracket into place. Tighten the screws until they are
- snug to secure the bracket. Do not over tighten 6. Activating the battery. Mount alarm to mounting bracket to activate. Once unit is activated, it cannot be turned off. Make sure the alarm is locked into the mounting bracket NOTE: After you activate the battery, the power indicator light may flash. (If the unit alarms, the
- 7. Test the alarm. See "Weekly Testing." TO PERMANENTLY DEACTIVATE THE SMOKE ALARM
- tab. Then slide activation switch to deactivate mode. NOTE: At end of life or low battery indication (chirp): unit





Mounting Hole Sets



to activate the lock in single-family households where unauthorized alarm removal is not a concern. Tools you will need: Needle-nose pliers or utility knife, standard flathead screwdriver The feature uses a locking pin which is molded into the mounting bracket.



To permanently remove the locking pin, insert a flathead screwdriver between the locking pin and the lock and pry the pin out of the lock.

Remove locking pin by using needle-nose pliers or a utility knife

through the hole on the back of the smoke alarm as shown in the diagram 3. When you attach the alarm to the mounting bracket the

locking pin's head will fit

into a notch on the bracket

mounting bracket.

2. Insert the locking pir

IMPORTANT!



- in between the mounting
- bracket and the locking pin
- 2. Pry the alarm away from the bracket by pushing up the screwdriver and turning the alarm counterclockwise



 If the alarm ever fails to test properly, replace it immediately. Products under warranty may be returned to the manufacturer for replacement. See "Limited Warranty" for details. DO NOT stand close to the alarm when the horn is sounding. Exposure at close range may

- accidentally damage or set fire to the unit or to your home.
- ACAUTION!

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

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 off any dust using your household vacuum's soft brush attachment, and test the smoke alarm after cleaning. Never use water, cleaners or solvents since they may damage the unit.
- · If the smoke alarm becomes contaminated by excessive dirt, dust and/or grime, and cannot be cleaned to avoid unwanted alarms, replace the unit immediate Relocate the unit if it sounds frequent unwanted alarms. See "Locations to Avoid for Smoke Alarms" for details.
- · When the battery becomes weak, the smoke alarm unit will "chirp" approximately once a minute (the Low Battery Warning). This Low Battery Warning should last for up to 30 days, but you should replace the smoke alarm immediately to continue your protection.

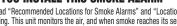
replace the smoke alarm immediately once the unit starts "chirping" (the "Low Battery Warning").

IMPORTANT!

FIRE SAFETY TIPS Follow safety rules and prevent hazardous situations: 1) Use smoking materials properly. Never smoke in bed. 2)

Actual service life depends on the smoke alarm and the environment in which it is installed. You MUST

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, like candles, away from flammable materials, 8) Don't let rubbish accumulate. Keep alarms clean, and test them weekly. Replace alarms immediately if they are not working properly. Smoke alarms that do not work cannot alert you to a fire. Keep at least one working fire extinguisher on every level, and an additional one in the kitchen. Have fire escape ladders or other reliable means of escape from an upper level in case stairs are blocked.



Important! Read "Recommended Locations for Smoke Alarms" and "Locations to Avoid for Smoke Alarms"

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LOCATIONS TO AVOID FOR SMOKE ALARMS

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- 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 In air streams near kitchens. Air currents can draw cooking smoke into the

- 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
- 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
- Less than 12 inches (305mm) away from fluorescent lights. Electrical "noise" can interfere with the sensor.

TO UNLOCK THE **MOUNTING BRACKET**

- Insert a flathead screwdriver in between the mounting
- 2. Pry the alarm away from the bracket by pushing up the screwdriver and turning

the alarm counterclockwise

- WEEKLY TESTING
- If the alarm ever fails to test properly, replace it immediately. Products under warranty may be returned to the manufacturer for replacement. See "Limited Warranty" for details.
- ACAUTION! 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

TESTING & MAINTENANCE NEVER use an open flame of any kind to test this unit. You might

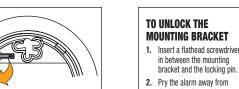
bracket and the locking pin

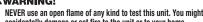
(left) at the same time.

- AWARNING!
- 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.
- 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. Red LED flashes rapidly.

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.

- In air streams near kitchens. Air currents can draw cooking smoke into the
- at least 10 feet (3 meters) away from showers, saunas, dishwashers, etc





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WEEKLY TESTING

TESTING & MAINTENANCE

AWARNING!

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Understand The Different Type of Smoke Alarms: Battery powered or electrical? Different smoke alarms provide different types of protection. See "About Smoke Alarms" for details.

For wall mounting (if allowed by building codes), the top edge of smoke alarms should be placed between 4 and 12 inches (102 and 305 mm) from the wall/ceiling line, below typical "dead air" spaces On a peaked, gabled, or cathedral ceiling, install the first smoke alarm within 3 feet (0.9 meters) 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 ceiling

HOW TO INSTALL THIS SMOKE ALARM

LOCATIONS TO AVOID FOR SMOKE ALARMS (CONTINUED)..

"Dead air" spaces may prevent smoke from reaching the smoke alarm. To avoid dead air spaces, follow the installation recommendations below.

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AVOIDING DEAD AIR SPACES

THE PARTS OF THIS

2. Dual power indicator light and

alarm indicator: Green LED

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alarm memory condition: Red

LED provides visual indication

of an alarm and hush modes

SMOKE ALARM

1. Test/Silence button

1. Mounting bracket

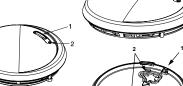
3. Turn this way to attach

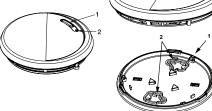
4. Turn this way to remove

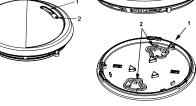
2. Mounting slots

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

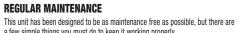
Tools you will need: pencil, drill with 3/16" (5 mm) drill bit, standard flathead screwdriver, hammer







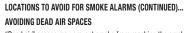




Clean the smoke alarm at least once a month; gently vacuum off any dust using your household vacuum's soft brush attachment, and test the smoke alarm after cleaning. Never use water, cleaners or solvents since they may damage the unit.

· When the battery becomes weak, the smoke alarm unit will "chirp" approximately once a

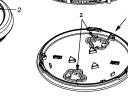
IMPORTANT! Actual service life depends on the smoke alarm and the environment in which it is installed. You MUST



etc. of the ceiling's slope. Refer to NFPA 72 for details on requirements for sloped or peaked ceilings

1. Test/Silence button









IF THIS SMOKE ALARM SOUNDS

RESPONDING TO AN ALARM

AWARNING!

During an alarm, you will hear a loud, repeating horn pattern: 3 beeps, pause, 3 beeps, pause. The Red LED flashes rapidly.

- · If the unit alarms get everyone out of the house immediately.
- 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 result in injury or death.
- 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, and removes your protection. Instead open a window or fan the smoke away from the unit. The alarm will reset 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 everybody 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.

AWARNING!

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 9 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. The LED will flash every 10 seconds while in silence. **AWARNING!**

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.

SILENCING THE LOW BATTERY WARNING

This silence feature can temporarily quiet the Low Battery Warning "chirp". Press the Test/Silence button on the alarm. The Red light flashes normally, once every 6 minutes, during Low Battery Warning silence. After time, the low battery "chirp" will resume. Deactivate the smoke alarm and replace it immediately.

grease on the smoke alarm cover, or installation in an improper location. Clean the smoke alarm as

IF YOU SUSPECT A PROBLEM

described in "Regular Maintenance," and 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" about once a minute, replace the smoke alarm

Smoke alarms may not operate properly because of a dead or weak battery, a build-up of dirt, dust or

- 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 the power pack activating lever is pushed all the way securely.
- 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

INSTALLING SMOKE ALARMS IN SINGLE-FAMILY RESIDENCES

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 alarms.

- On every level of your home, including finished attics and basements.
- In the hall near every sleeping area. If your home has multiple sleeping areas, install a unit
- · At the top of the first-to-second level stairway, and at bottom of basement stairway

Smoke Alarm One on every level and in every bedroom 🔥 co 🕻 V CO V CO Carbon Monoxide Alarr One on every level and **♦** CO **•** in every bedroom BASEMEN GARAGE

🕼 co 🕻

IMPORTANT!

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 nded AC or AC/DC units be interconnected for added protection

RECOMMENDED LOCATIONS FOR SMOKE ALARMS (CONTINUED).

RECOMMENDED PLACEMENT:

One on every level, plus

AGENCY PLACEMENT RECOMMENDATIONS

NFPA 72 CHAPTER 29 "FOR YOUR INFORMATION, THE NATIONAL FIRE ALARM AND SIGNALING CODE, NFPA 72, READS AS FOLLOWS:

29.5.1* Required Detection. 29.5.1.1* Where required by other governing laws, codes, or standards for a specific

type of occupancy, approved single and multiple-station smoke alarms shall be installed as follows:

(1) *In all sleeping rooms and guest rooms

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(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 © 2010 National Fire Protection Association, Quincy, MA 02269. This reprinted material is not the complete and official position of the National Fire Protection Association, on the referenced subject which is represented only by the standard in its entirety), (National Fire Alarm and Signaling Code® and NFPA 72® are registered trademarks of the National Fire Protection Association, Inc., Quincy, MA 02269)

CALIFORNIA STATE FIRE MARSHAL (CSFM)

Early warning detection is best achieved by the installation of fire detection equipment in all rooms and areas of the household as follows: A smoke alarm installed in each separate sleeping area (in the vicinity, but outside bedrooms), and Heat or smoke alarms in the living rooms, dining rooms, bedrooms, kitchens, hallways, finished attics, furnace rooms, closets, utility and storage rooms, basements, and attached garages.

ABOUT SMOKE ALARMS

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 installation. They do not, however, provide interconnected functionality. 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

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 batterypowered 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 American With Disabilities Act. These units can be interconnected so if one unit senses smoke, all units alarm.

Smoke alarms are not to be used with detector guards unless the combination has been evaluated and found suitable for that purpose

correctly installed. AC and AC/DC units must be installed by a qualified electrician

All these smoke alarms are designed to provide early warning of fires if located, installed and cared 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 Park, Quincy, MA 02269-9101. Local building codes may also require specific units in new construction or in different areas of the home

SPECIAL COMPLIANCE CONSIDERATIONS

This smoke alarm is suitable for use in apartments, condominiums, townhouses, hospitals, day care facilities, 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, 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.

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. Refer to

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.

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 sleeping in order to determine their response to the sound of the smoke alarm while sleeping and to determine whether they may need assistance in the event of an emergency. 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.

LIMITATIONS OF SMOKE ALARMS (CONTINUED)..

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—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 stand-alone 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 leve 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 warning than stand-alone units since all units alarm when one detects smoke

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 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 impaired residents.

smoke from some fires may not reach the unit immediately. Examples of this include persons smoking in bed, children playing with matches, or fires caused by violent explosions resulting from escaping gas. 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 life 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 uni

Smoke alarms may not have time to alarm before the fire itself causes damage, injury, or death, since

LIMITED WARRANTY

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

This warranty is valid for the original retail purchaser from the date of initial retail purchase and is not transferable. Keep the original sales receipt. Proof of purchase is required to obtain warranty performance, BRK dealers, service centers, or retail stores selling BRK products do not have the right to alter, modify or any way change the terms and conditions of this warranty. This warranty does not cover normal wear of parts or damage resulting from any of the following: negligent use or misuse of the product, use on improper voltage or current, use contrary to the operating instructions, disassembly, repair or alteration by anyone other than BRK or an authorized service center. Further, the warranty does not cover Acts of God, such as fire, flood, hurricanes and tornadoes or any batteries that are included with this unit.

BRK shall not be liable for any incidental or consequential damages caused by the breach of any express or implied warranty. Except to the extent prohibited by applicable law, any implied warranty of merchantability or fitness for a particular purpose is limited in duration to the duration of the above warranty. Some states, provinces or for a particular purpose is limited in duration to the duration of interactive warranty. Some states, provinces of jurisdictions of onci 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 Customer Service Team 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: BRK Brands, Inc., 1301 Joe Battle, El Paso, TX 79936 Disposal: Waste electrical products should not be disposed of with regular household waste. Please recycle where facilities exist. Check local requirements for disposal of Li-lon electronic devices. The alarm should be deactivated before disposal. See, "To Permanently Deactivate the Smoke Alarm" You can also return your alarm to us for disposal. For return address see above. Please include a note confirming the product is being returned for disposal Visit www.firstalert.com for more information

For your records, please record: The alarm will also provide an audible Date Purchased: End-of-Life Signal approximat 10 years after installation to Where Purchased ind you to replace the unit. The End-of-Life Signal can be Date Installed: silenced for up to 2 days. Do not Replace alarm 10 years after installation unplug or deactivate the alarm Please write the date in the space provided: until you get replacement.

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IF THIS SMOKE ALARM SOUNDS

RESPONDING TO AN ALARM

During an alarm, you will hear a loud, repeating horn pattern: 3 beeps, pause, 3 beeps, pause. The Red LED flashes rapidly.

- AWARNING!
- If the unit alarms get everyone out of the house immediately.
- · 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 result in injury or death.
- 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, and removes you protection. Instead open a window or fan the smoke away from the unit. The alarm will reset 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 everybody 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.

AWARNING! 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 9 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. The LED will flash every 10 seconds while in silence.

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. **SILENCING THE LOW BATTERY WARNING** This silence feature can temporarily quiet the Low Battery Warning "chirp". Press the Test/Silence button on the alarm. The Red light flashes normally, once every 6 minutes, during Low Battery Warning silence. After time, the low battery "chirp" will resume. Deactivate the smoke alarm and replace it immediately.

IF YOU SUSPECT A PROBLEM

Smoke alarms may not operate properly because of a dead or weak battery, 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 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" about once a minute, replace the smoke alarm
- 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 the power pack activating lever is pushed all the way securely. 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

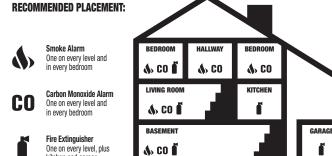
The National Fire Protection Association (NFPA), recommends one smoke alarm on every level, in every sleeping area, and in every bedroom. In new construction, the smoke alarms must be AC powered and interconnected. See "Agency Placement Recommendations" for details. For additional coverage, it is recommended that you install a smoke alarm in all rooms, halls, storage areas, finished attics, and basements, where temperatures normally remain between 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 alarms.

MORE SPECIFICALLY. INSTALL SMOKE ALARMS:

INSTALLING SMOKE ALARMS IN SINGLE-FAMILY RESIDENCES

- 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.

AGENCY PLACEMENT RECOMMENDATIONS

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

AND SIGNALING CODE, NFPA 72, READS AS FOLLOWS: 29.5.1* Required Detection. 29.5.1.1* Where required by other governing laws, codes, or standards for a specific

type of occupancy, approved single and multiple-station smoke alarms shall be installed as follows:

(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 © 2010 National Fire Protection

Association, Quincy, MA 02269. This reprinted material is not the complete and official position of the National Fire Protection Association, on the referenced subject which is represented only by the standard in its entirety), (National Fire Alarm and Signaling Code® and NFPA 72® are registered trademarks of the National Fire Protection Association, Inc., Quincy, MA 02269). CALIFORNIA STATE FIRE MARSHAL (CSFM) Early warning detection is best achieved by the installation of fire detection equipment in all rooms and areas

of the household as follows: A smoke alarm installed in each separate sleeping area (in the vicinity, but outside bedrooms), and Heat or smoke alarms in the living rooms, dining rooms, bedrooms, kitchens, hallways,

finished attics, furnace rooms, closets, utility and storage rooms, basements, and attached garages.

ABOUT SMOKE ALARMS

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 installation. They do not, however, provide interconnected functionality. 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 batterypowered 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 American With Disabilities Act. These units can be interconnected so if one unit senses smoke, all units alarm.

Smoke alarms are not to be used with detector guards unless the combination has been evaluated and found suitable for that purpos All these smoke alarms are designed to provide early warning of fires if located, installed and cared 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 Park, Quincy, MA 02269-9101. Local building codes may also require specific units in new construction or in different areas of the home

SPECIAL COMPLIANCE CONSIDERATIONS

LIMITATIONS OF SMOKE ALARMS

This smoke alarm is suitable for use in apartments, condominiums, townhouses, hospitals, day care facilities, 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, 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. This smoke alarm alone is not a suitable substitute for complete fire detection systems in places housing many people—like apartment buildings, condominiums, hotels, motels, dormitories, hospitals, health car facilities, nursing homes, day care facilities, or group homes of any kind. It is not a suitable substitute for

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. Refer to NFPA 72 (National Fire Alarm and Signaling Code) and NFPA 101 (Life Safety Code), local building codes, or consult your Fire Department for detailed fire protection requirements in buildings not defined as "households".

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.

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 sleeping in order to determine their response to the sound of the smoke alarm while sleeping and to determine whether they may need assistance in the event of an emergency. 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

set off the alarm. That is why one unit should be installed inside each bedroom or sleeping area—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 stand-alone unit on the second

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 it one unit senses smoke, all units alarm. Interconnected units may provide earlier warning than stand-alone units since all units alarm when one detects smoke Smoke alarms may not be heard. Though the alarm horn in this unit meets or exceeds current standards, it may not be heard

That is why recommended minimum protection is at least one unit in every sleeping area, and every bedroom on every leve

smoke from some fires may not reach the unit immediately. Examples of this include persons smoking in bed, children playing with matches, or fires caused by violent explosions resulting from escaping gas. 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 life insurance. Smoke alarms have a limited life. The unit should be replaced immediately if it is not operating properly. You should always

LIMITED WARRANTY BRK Brands, Inc., ("BRK") the maker of First Alert® brand products warrants that for a period of ten years from

the date of purchase, this product will be free from defects in material and workmanship. BRK, at its option, will repair or replace this product or any component of the product found to be defective during the warranty period. Replacement will be made with a new or remanufactured product or component. If the product is no longer available, replacement may be made with a similar product of equal or greater value. This is your exclusive warranty.

misuse of the product, use on improper voltage or current, use contrary to the operating instructions, disassembly, repair or alteration by anyone other than BRK or an authorized service center. Further, the warranty does not cover Acts of God, such as fire, flood, hurricanes and tornadoes or any batteries that are included with this unit. BRK shall not be liable for any incidental or consequential damages caused by the breach of any express or implied warranty. Except to the extent prohibited by applicable law, any implied warranty of merchantability or fitness

for a particular purpose is limited in duration to the duration of the above warranty. Some states, provinces or jurisdictions do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts, so the above limitations or exclusion may not apply to you. This warranty gives you

Service: If service is required, do not return the product to your retailer. In order to obtain warranty service, contact the Customer Service Team 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: BRK Brands, Inc., 1301 Joe Battle, El Paso, TX 79936

You can also return your alarm to us for disposal. For return address see above. Please include a note confirming the product is being returned for disposal. Visit www.firstalert.com for more information

For your records, please record:

silenced for up to 2 days. Do not unplug or deactivate the alarm until you get replacement.

RECOMMENDED LOCATIONS FOR SMOKE ALARMS

The National Fire Protection Association (NFPA), recommends one smoke alarm on every level, in every sleeping area

MORE SPECIFICALLY, INSTALL SMOKE ALARMS:

- · Inside every bedroom, especially if people sleep with doors closed.
- in each. If a hall is over 40 feet (12 meters) long, install an alarm at each end

This smoke alarm alone is not a suitable substitute for complete fire detection systems in places housing many people—like apartment buildings, condominiums, hotels, motels, dormitories, hospitals, health car facilities, nursing homes, day care facilities, or group homes of any kind. It is not a suitable substitute for

NFPA 72 (National Fire Alarm and Signaling Code) and NFPA 101 (Life Safety Code), local building codes, or consult your Fire Department for detailed fire protection requirements in buildings not defined as "households".

Smoke alarms may not waken all individuals. Practice the escape plan at least twice a year, making sure that everyone is

RECOMMENDED LOCATIONS FOR SMOKE ALARMS (CONTINUED).

One on every level, plus IMPORTANT!

LIMITATIONS OF SMOKE ALARMS (CONTINUED)..

chimneys or walls, on roofs, or on the other side of closed doors may not reach the sensing chamber and level may not detect smoke from a basement fire until the fire spreads. This may not give you enough time to escape safely.

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 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 impaired residents. Smoke alarms may not have time to alarm before the fire itself causes damage, injury, or death, since

replace a smoke alarm after 10 years from date of purchase. Write the purchase date on the space provided on back of uni

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

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

Disposal: Waste electrical products should not be disposed of with regular household waste. Please recycle where facilities exist. Check local requirements for disposal of Li-lon electronic devices. The alarm should be deactivated before disposal. See, "To Permanently Deactivate the Smoke Alarm"

The alarm will also provide an audible Date Purchased: End-of-Life Signal approximately 10 years after installation to Where Purchased remind you to replace the unit. The End-of-Life Signal can be Date Installed: Replace alarm 10 years after installation Please write the date in the space provided:

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