



LIFESAVER

10 Year Life Battery-Operated

Photoelectric Smoke Alarm

User Manual

Model LIFPE10



AS 3786:2014



LIFPE10_v2

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Introduction

Model LIFPE10

Thank you for purchasing the LIFESAVER Model LIFPE10 mini smoke alarm. This smoke alarm is fitted with a sealed non-replaceable battery. The battery is designed to power the smoke alarm for 10 years under normal conditions.

Photoelectric sensing alarms may detect visible fire particles usually associated with slow smoldering fires sooner than ionisation alarms.

WARNING! Removal of the smoke alarm from the mounting base will render the smoke alarm inoperative.

IMPORTANT! Read all instructions before installation and keep this manual near the alarm for future reference.

Specification

Power: DC3V(CR123A) lithium battery (not replaceable)

Operating Current: <8uA (standby), <70mA (alarm)

Alarm Volume: >85dB(A) at 3 meters.

Alarm Sensitivity: 0.09-0.17dB/m

Silence Time: approx. 10 minutes

Smoke Alarm Device Sound Pattern: ISO8201

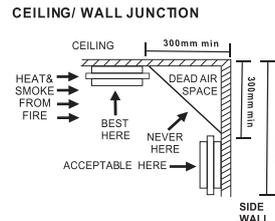
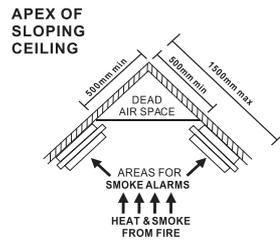
Comply with Australian Standard: AS3786:2014

Installation

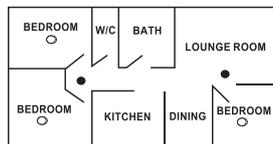
Recommended Locations

- Locate an alarm for each separate sleeping area in the immediate vicinity of the bedrooms. Try to monitor the exit path as the bedrooms are usually farthest from an exit. If more than one sleeping area exit, locate additional alarms in each sleeping area in the immediate vicinity bedrooms.
- Locate additional alarms to MONITOR any stairway as stairways act like chimneys for smoke and heat.
- Locate at least one alarm on every floor level.
- Locate an alarm in every room where a smoker sleeps.
- Locate an alarm in every room where electrical appliances are operated (i.e. portable heaters or humidifiers).
- Locate an alarm in every room where someone sleeps with the door closed. The closed door may prevent an alarm not located in that room from waking the sleeper.
- Smoke, heat and other combustion products rise to the ceiling and spread horizontally. Mounting the alarm on the ceiling in the center of the room places it closest to all points in the room. Ceiling mounting is preferred in ordinary residential construction.
- For mobile home installation select location carefully to avoid thermal barrier that may form at the ceiling. For more details see Mobile Home Installation (Page 5).

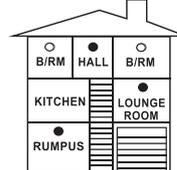
- When mounting alarms on the ceiling locate it at least 300mm away from the side wall and 300mm away from any corner. (see diagram)
- When mounting alarms on a wall, use the inside wall. The recommended position is between 300mm and 500mm off the ceiling. (see diagram)
- **NOTE: The performance of smoke alarms mounted on walls is unpredictable and this mounting position is not recommended when ceiling mounting can be implemented.**
- When mounting the alarm at the apex of a sloping ceiling it should be located at least 500mm away from the apex but should not exceed 1500mm (see diagram).
- Locate smoke alarm at both ends of a bedroom hallway or large room if the hallway or room is more than 9m long.
- Do not locate smoke alarms in kitchen areas due to potential nuisance alarms from cooking fumes.



SINGLE FLOOR



TYPICAL MULTIPLE FLOOR INSTALLATION



- Smoke alarms for minimum protection.
- Smoke alarms for additional protection.

Installation

- Modern mobile homes have been designed and insulated to be energy efficient. Install smoke alarms as recommended (refer to RECOMMENDED LOCATIONS).
- In older mobile homes that are not well insulated compared to present standards, extreme heat or cold can be transferred from the outside through poorly insulated walls and roof. This may create a thermal barrier which can prevent smoke from reaching a smoke alarm mounted on the ceiling. In such units, install smoke alarm on inside partition between 300mm and 500mm from the ceiling.
- If you are not sure about the insulation in your mobile home, or if you notice the walls and ceilings are either hot or cold, install alarm on an inside wall.
- For minimum protection, install one alarm close to the bedrooms. For additional protection, see SINGLE FLOOR PLAN.
- **NOTE:TEST YOUR SMOKE ALARM OPERATION AFTER MOBILE HOME VEHICLE HAS BEEN IN STORAGE, BEFORE EACH TRIP AND AT LEAST ONCE A WEEK DURING USE.**

Locations to Avoid

- Do not locate your alarm in the garage - products of combustion are present when you start your automobile. Use Heat Alarm in this location.
- Do not locate your alarm in front of forced air supply ducts used for heating and air conditioning and other high air flow areas.
- Do not locate your alarm less than 500mm from the peak of an "A" frame type ceiling.
- Do not locate your alarm in areas where temperatures may fall below 0°C or rise above 40°C, or in humidity higher than 93% as these conditions may reduce battery life.

Installation

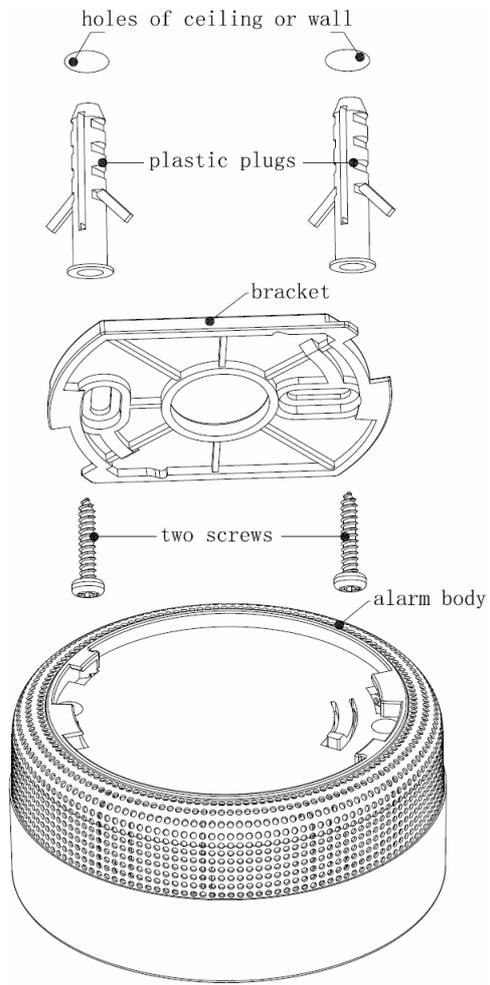
- Avoid dusty areas, dust particles may cause smoke alarm to false alarm or fail to alarm. Use Heat Alarm in this location to avoid false alarms.
- Avoid very humid areas or near a bathroom, moisture can cause false alarm.
- Avoid insect-infested areas.
- Do not locate alarm within 0.9m of the following: the door to a kitchen, the door to a bathroom containing a tub or shower, ceiling or whole house ventilating fans, or other high flow areas.
- Avoid locating near fluorescent lights or other electrical equipment. Electronic magnetic interferences or “noise” may cause nuisance alarms or chirping.
- Smoke alarms are not to be used with detector guards unless the combination (alarm and guard) has been evaluated and found suitable for that purpose.
- *Please note;* The Lifesaver LIFPE10 smoke alarm is not suitable to be wall or vertically mounted.

Installation

Mounting

CAUTION: This unit is sealed. The cover is not removable!

- Remove the mounting bracket from the smoke alarm.
- The smoke alarm can be mounted in two ways. Using the double-sided tape provided or mounting using the provided screws and plugs.
- If using the provided double-sided tape, simply peel the adhesive paper and apply on the ceiling side of the mounting bracket.
- Press the mounting bracket firmly against the ceiling or wall.
- Fit the smoke alarm onto the bracket by turning the smoke alarm clockwise on the bracket.
- If installing the smoke alarm using the provided screws and plugs, mark the installation holes of the bracket. See the installation diagram.
- Drill 2 installation holes approximately 5mm in diameter at the marked position.
- Insert the two plastic plugs into the holes.
- Attach the bracket to the plastic plugs and fit the screws tightly into the plastic plugs.
- Fit the smoke alarm onto the bracket by turning the smoke alarm clockwise on the bracket.
- Press the button to test the smoke alarm. The alarm sounds 3 beeps – 1.5 seconds pause, repeat it until the button is released. If there is no sound, it indicates a defective alarm, you can refer to the “Trouble shooting Guide”.



Operation

Testing

The smoke alarm is operating once it is fitted onto the mounting bracket. Pressing the test button will sound the alarm. When the smoke alarm photoelectric sensor chamber senses products of combustion, the horn will sound a loud (85 db) alarm until the sensing chamber is cleared of smoke particles.

- Test the unit to ensure proper operation by pressing the Test button for at least 5 seconds (or until the unit sounds). This will sound the alarm if the electronic circuitry, horn, and battery are working. If no alarm sounds, the unit may have a defective battery or other failure. DO NOT use an open flame to test your alarm, you could damage the alarm or ignite combustible materials and start a fire.

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

Test the alarm weekly to ensure proper operation. Erratic or low sound coming from your alarm may indicate a defective alarm, and it should be returned for service (see Warranty section).

NOTE: WEEKLY TESTING IS RECOMMENDED.

LED Indicators

This alarm is equipped with a red LED indicator, with three modes of operation.

Red LED - Flashing every 40–45 seconds: Indicates that the smoke alarm is operating properly.

Red LED - Flashing: When the Test button is pressed, or when the smoke alarm senses particles of combustion and goes into alarm (constant pulsating sound), the red LED will flash once per second. The flashing LED and pulsating alarm will continue until the air is cleared.

Operation

Red LED- Hush mode indication: The red LED will flash once every 8 seconds, indicating the smoke alarm device is in the Hush or silence mode.

Low battery indication

An intermittent “chirp” with red LED flashes once every 40 seconds: indicates that the smoke alarm device is low battery, you may press the test button for pause alarm for 10 hours, but it will reset automatically after 10 hours.

Fault indication

The alarm chirp occurs every 40 seconds.

Hush mode

Smoke alarms are designed to minimise nuisance alarms. Cigarette smoke will not normally set off the alarm, unless the smoke is blown directly into the alarm. Combustion particles from cooking may set off the alarm if the alarm is located close to the cooking area. Large quantities of combustible particles are generated from spills or when boiling. The hush feature is extremely useful in a kitchen area or other areas prone to nuisance alarms.

The hush mode has the capability of temporarily desensitising the alarm circuit for up to 10 minutes. This feature is to be used only when a known alarm condition, such as smoke from cooking, activates the alarm.

If the alarm does sound, check for fires first. If a fire is discovered, get out and call the fire brigade. If no fire is present, check to see if one of the reasons listed in Locations to Avoid may have caused the alarm

The smoke alarm is desensitised by pushing the Test/Hush button on the smoke alarm. If the smoke is not too dense, the alarm will silence immediately. The red LED will illuminate every 8 seconds to indicate that the alarm is in a temporarily desensitised condition.

Operation

The smoke alarm hush mode will automatically reset after approximately 10 minutes. If after this period particles of combustion are still present, the alarm will sound again.

The Hush mode can be used repeatedly until the air has been cleared.

Smoke Alarm Removal

To remove the alarm from the mounting bracket, rotate the alarm anti-clockwise. Once the smoke alarm is removed from the bracket the smoke alarm is inoperative. The battery is deactivated.

WARNING: REMOVING THE SMOKE ALARM FROM THE BRACKET WILL RENDER THE UNIT INOPERATIVE.

Maintenance and Cleaning

In addition to weekly testing, the alarm requires periodic cleaning to remove dust, dirt, and debris. Clean the alarm at least once a month.

Use a vacuum cleaner with the soft brush, vacuum all sides and cover of smoke alarm.

This alarm has a low battery monitor which will cause the alarm to "chirp" approx every 40 seconds and the red LED flash once at the same time for a minimum of thirty days when the battery gets low.

If there is a defective battery or other failures, you can refer to "Trouble shooting" for a solution, if there are still failures during warranty, you can return to your reseller.

Maintenance and Cleaning

The battery is sealed inside the smoke alarm and is not replaceable. Please replace another new alarm if the low battery chirp occurs.

IMPORTANT: Do not attempt to remove the cover to clean inside. This will void warranty.

NOTE: Smoke alarm have a service life of 10 years under normal conditions. Replace the smoke alarm after 10 years of operation.

Repairs and Service

Refer to the Operation and Trouble shooting guide.

If the smoke alarm is defective in any way, do not tamper with the unit.

Return the unit to your reseller. (See warranty instruction) There will be a service charge for repairing units out of warranty.

Trouble shooting Guide

Problem	Method
Smoke alarm device does not sound when tested.	<ol style="list-style-type: none"> 1. Fit the alarm on the bracket and turn the alarm body clockwise, until its fixed. 2. Clean smoke alarm device. Please refer to the "maintenance and cleaning" section. 3. If there are still failures during warranty, you can return to your retailer. 4. If the unit is out of warranty, please replace another new alarm.
The alarm "chirp" with red LED flashes once every 40 seconds.	The battery is under low battery status. Please replace the smoke alarm.
Smoke alarm device chirp occurs every 40 seconds (alarm goes into fault mode) .	Clean smoke alarm device. Please refer to the "maintenance and cleaning" section. Purchase and change another smoke alarm device if the problem still exist
Smoke alarm device sounds unwanted alarms intermittently or when residents are cooking, taking showers, etc.	<ol style="list-style-type: none"> 1. Press test button to pause alarm. 2. Clean smoke alarm device. Please refer to the "maintenance and cleaning" section. 3. Move smoke alarm device to new location and press test button.
The alarm sounds different from it used to. It starts and stops.	<ol style="list-style-type: none"> 1. Clean smoke alarm device. Please refer to the "maintenance and cleaning" section. 2. If there are still failures during warranty, you can return to your retailer. 3. If the unit is out of warranty, please replace another new alarm.

Fire Safety

WARNING: Please read carefully and thoroughly.

- Life safety from fire in residential occupancies is based primarily on early notification to occupants of the need to escape, followed by the appropriate egress actions by those occupants. Fire warning systems for dwelling units are capable of protecting about half of the occupants in potentially fatal fires. Victims are often intimate with the fire, too old or young, or physically or mentally impaired such that they cannot escape even when warned early enough that escape should be possible. For these people, other strategies such as protection-in-place or assisted escape or rescue are necessary.
- Smoke alarms are devices that can provide early warning of possible fires at a reasonable cost; however, alarms have sensing limitations. Ionisation sensing alarms may detect invisible fire particles (associated with fast flaming fires) sooner than photoelectric alarms. Photoelectric sensing alarms may detect visible fire particles (associated with slow smoldering fires) sooner than ionisation alarms. Home fires develop in different ways and are often unpredictable. For maximum protection, both ionisation and photoelectric alarms should be installed.
- A battery powered alarm must have a battery of the specified type, in good condition and installed properly.
- AC powered alarms (without battery backup) will not operate if the AC power has been cut off, such as by an electrical fire or an open fuse.
- Smoke alarms must be tested regularly to make sure the batteries and the alarm circuits are in good operating condition.
- Smoke alarms cannot provide an alarm if smoke does not reach the alarm. Therefore, smoke alarms may not sense fires starting in chimneys, walls, on roofs, on the other side of a closed door or on a different floor.

Fire Safety

- If the alarm is located outside the bedroom or on a different floor, it may not wake up a sound sleeper.
- The use of alcohol or drugs may also impair one's ability to hear the smoke alarm. For maximum protection, a smoke alarm should be installed in each sleeping area on every level of a home.
- Although smoke alarms can help save lives by providing an early warning of a fire, they are not a substitute for an insurance policy. Home owners, landlords and tenants should have adequate insurance to protect their lives and property.

Good Safety Habits

Develop and practice a plan of escape!

- Install and maintain Fire extinguishers on every level of the home and in the kitchen, basement and garage. Know how to use a fire extinguisher prior to an emergency.
- Make a floor plan indicating all doors and windows and at least two (2) escape routes from each room. Second story windows may need an escape ladder.
- Have a family meeting and discuss your escape plan, showing everyone what to do in case of fire.
- Determine a place outside your home where you all can meet if a fire occurs.
- Familiarize everyone with the sound of the smoke alarm and train them to leave your home when they hear it.
- Practice a fire drill at least every six months, including fire drills at night. Ensure that small children hear the alarm and wake when it sounds. They must wake up to execute the escape plan. Practice allows all occupants to test your plan before an emergency. You may not be able to reach your children. It is important they know what to do.

Product Registration

Register this product for warranty to ensure fast and effective service. Please visit our website www.psaproducts.com.au/registration to register.

Please retain this warranty section and complete the details below. When you claim warranty for the product. Please present this section together with the faulty product.

Model: _____

Serial Number: _____

Date of Purchase/Installation: _____

Invoice Number: _____

Installed By: _____

Owner's Details: _____

This smoke alarm has an expected service life of 10 years under normal conditions. We recommend that you should replace the smoke alarm after 10 years from installation date to ensure normal operation

Warranty

- PSA Products Pty Ltd (ABN: 99 076 468 703) of 17 Millicent Street, Burwood 3125 Victoria, Australia warrants this product for a period of five (5) years from the date of purchase, as reflected on the Authorised Reseller's or Distributor's invoice / receipt provided to you. PSA Products Pty Ltd will repair or replace the product (at the option of PSA Products) due to any manufacturing defect, at the cost of PSA Products Pty Ltd (excluding any labour costs relating to removal or re-installation of product, and transport costs).
- This warranty shall not apply to the product if it has been damaged, modified, abused or altered after the date of purchase, or if it fails to operate due to improper maintenance.
- To the extent permitted by law, the liability of PSA Products Pty Ltd arising from the sale or under the terms of this limited warranty shall not in any case exceed the cost of replacement and subject to this clause. In no case shall PSA Products Pty Ltd be liable for consequential loss or damages resulting from the failure of the product or breach of this, or: Any other warranty, express or implied, loss or damage caused by failure to abide by the instructions supplied in the leaflets.
- To the extent permitted by law, PSA Products Pty Ltd., makes no warranty, expressed or implied, written or oral, including that of merchantability or fitness for any particular purpose, with respect to the consumer replaceable battery if any. A product with non-serviceable built-in battery is covered under warranty of the product as per point 1.
- This warranty is provided in addition to other rights and remedies you have under law: Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the

goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. What constitutes a major failure is set out in the Australian Consumer Law.

- To make a claim under warranty, take the product (with a proof of purchase) to the store where you purchased the product or contact PSA Products Pty Ltd. Phone (03) 9888 9889. or Email: enquiry@psaproducts.com.au with details, proof of purchase or expense claim in writing.

ALTHOUGH A SMOKE ALARM CAN HELP SAVE LIVES BY PROVIDING AN EARLY WARNING OF A FIRE. IT IS NOT A SUBSTITUTE FOR PROPERTY INSURANCE OR LIFE INSURANCE OF ANY KIND. APPROPRIATE INSURANCE COVER IS THE RESPONSIBILITY OF THE HOME OWNER.

Made in China

Another Quality Product By:



17 Millicent Street, Burwood, Victoria 3125, Australia

Ph: (03) 9888 9889 Fax: (03) 9888 9993

E-mail: enquiry@psaproducts.com.au

Website: www.psaproducts.com.au



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