PSA | LIFESAVER
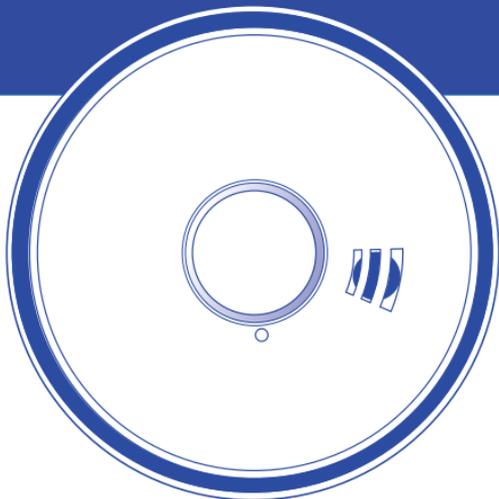
Smoke Alarm with RF Interlink User Guide

Model LIF10YPEW

Lithium (non-replaceable sealed in)
Battery-Operated Photoelectric Smoke
Alarm with wireless RF Interlink
and HUSH® Control

You do NOT need a home wi-fi system
to use these units. Multiple wireless units
create their own independent wireless RF
interlink network.

ACTIVFIRE™
LISTED

Tested & Complies to
Australian Standards
AS3786:2014 Amdt 1

0319-7201-01

Thank You for Purchasing this PSA Lifesaver Smoke Alarm

The smoke alarm you have purchased is capable of wirelessly interlinking with other Lifesaver LIF10YPEW smoke alarms and Lifesaver 5800 series mains powered smoke alarm fitted with LIFWMB2 wireless base. When one RF interlink unit sounds an alarm, all other compatible RF units in the RF interlink network will alarm.

(STOP) Read Section 6: Activation And RF Interlink Network, before powering the units. You do NOT need a home wi-fi system to use these units. Multiple wireless units create their own independent RF interlink alarm network.

This smoke alarm and included RF module are powered by a non-replaceable, long life sealed lithium battery system, which will last at least 10 years after power up.

NOTE: A NETWORK IS LIMITED TO 24 ALARMS

Teach children how to respond to the alarm and that they should never play with the unit.
Your PSA LIFESAVER Smoke Alarm was designed for use in a residential environment. It is not designed for use in a recreational vehicle (RV) or boat.

Note: Please thoroughly read this user guide and save the document for future reference and to pass on to any subsequent owner.

IMPORTANT: Additional markings can be found on the back of the unit.

Product Support: 1300 772 776

Please write down the below information and have this at hand when you call.

Date Code (on back): _____

Date of Purchase: _____

Where Purchased: _____

Date to Replace: _____

Contents

1. Smoke Alarm: What To Do When the Alarm Sounds

Smoke alarm pattern is three long beeps, a 1.5 second pause, and three long beeps repeating.
The red LED flashes every 0.5 seconds during alarm.

- Alert small children in the home as well as anyone else that might have difficulty recognizing the importance of the alarm sounding or that might have difficulty leaving the area without help.

- Leave immediately by your escape plan. Every second counts, so don't waste time getting dressed or picking up valuables.

- In leaving, don't open any inside door without first feeling its surface. If hot, or if you see smoke seeping through cracks, don't open that door! Instead, use your alternate exit. If the inside of the door is cool, place your shoulder against it, open it slightly and be ready to slam it shut if heat and smoke rush in.

- If the escape route requires you to go through smoke, stay close to the floor where the air is cleaner. Crawl if necessary, and breathe shallowly through a cloth, wet if possible.

- Once outside, go to your selected meeting place and make sure everyone is there.

- Call the fire department from your mobile phone outside, or from your neighbour's home-not from yours!

- Don't return to your home until the fire officials say that it is all right to do so.

- There are situations where a smoke alarm may not be effective to protect against fire.
 For instance:

  a) smoking in bed

  b) leaving children home alone

  c) cleaning with flammable liquids, such as petrol or methanol.

NOTE: See Section 11: RECOGNISING NUISANCE ALARMS, for nuisance alarm situations.

2. Other Visual And Audible Indications

The following tables describes visual and audible indications the unit may emit during normal operation.

Mode	LED Indications	Audible Indications	Note:
Standby	None	None	
Smoke Alarm Hush	Flash every 10 seconds	None (smoke alarm silenced)	Alarm hush feature silences smoke alarm for approx. 10 minutes.
Push to Test (hold button for up to 5 seconds)	Flash every 0.5 seconds	Two sets of 3 long beeps (on all RF interlinked units)	Press & HOLD button; first *T3 pattern is at low volume, If interlinked to other RF devices, it may take 3 to 5 seconds to activate other RF interlinked units in the network.

* T3 pattern: 3 long beeps of alarm(ISO 8201).

3. Introduction, Product Features And Specifications

Introduction

This alarm detects products of combustion using photoelectric technology. Ten (10) years after the unit was installed, this unit will automatically alert you that it is time to replace the unit. To help track the life of your alarm, write the installation date in the space provided on the back of the alarm.

Product Features and Specifications:

- Temperature: Operating Range: 0 °C to 45 °C
- Humidity: Operating range: up to 95% RH non-condensing
- Audible Alarm: 85+ dBA at 3m @ 3.0 to 3.5 KHz pulsing alarm
- Smoke Sensor: Photoelectric
- Smoke Alarm HUSH® Control
- Smoke alarm powered by Panasonic/FDK 10 year 3VDC CR17335 battery.
- RF powered by Panasonic/FDK 3VDC CR17455 battery
- Supervised wireless network
- Radio Frequency 918MHz.
- Wireless interconnectable to other compatible alarms (RF Interlink). Range: 100m line of sight. 30m indoors. Distances will vary depending on walls and obstructions.
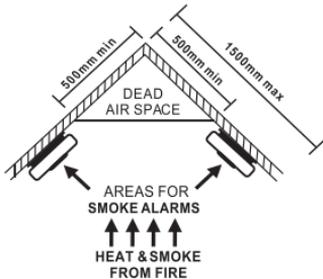- Dual insect screen protection.

4. Recommended Locations For Alarms

NOTE: If possible, it is best to locate the Coordinator in a central location of your residence, and then use the following guidelines for RFD unit placements. See section 6 for a definition of "Coordinator" and "RFD".
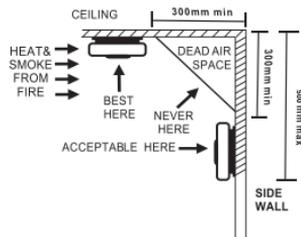
- Check specific State legislation in your area to ensure smoke alarms are correctly located according to local laws. Each State or Territory may differ in building codes and regulations. PSA Products can only recommend the locations.

- 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 exist, locate additional alarms in each sleeping area in the immediate vicinity.

- Locate additional alarms to MONITOR any stairway because 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..

- 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.
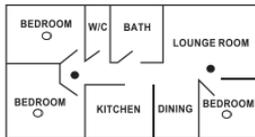
Location of smoke alarm

500mm min · 500mm min · 1500mm max

DEAD AIR SPACE

AREAS FOR **SMOKE ALARMS**

HEAT & SMOKE FROM FIRE

Apex Of Sloping Ceiling

CEILING · 300mm min

HEAT & SMOKE FROM FIRE

DEAD AIR SPACE

300mm min · 500mm max

BEST HERE

NEVER HERE

ACCEPTABLE HERE

SIDE WALL

Ceiling / Wall Junction

BEDROOM · W/C · BATH · LOUNGE ROOM

BEDROOM · KITCHEN · DINING · BEDROOM

Single Floor

B/RM · HALL · B/RM

KITCHEN · LOUNGE ROOM

RUMPUS

Typical Multiple Floor Installation

● Smoke alarms for minimum protection

○ Smoke alarms for additional protection

IMPORANT: incorrect orientation of smoke alarm may decrease operational effectiveness

5. Locations To Avoid

- Do not locate your alarm in the garage - products of combustion are present when you start your automobile. Use Lifesaver 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 95% as these conditions may reduce battery life.

- Avoid dusty areas, dust particles may cause smoke alarm to false alarm or fail to alarm. Use Lifesaver Heat Alarm in this location to avoid false alarms.

- In dusty areas. Dust particles may cause nuisance alarm or failure to alarm.

- 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.

- Near fluorescent lights, including CFL lamps. Electronic "noise" may cause nuisance alarms.

- 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.

6. Activation and RF Interlink Network

This model is capable of interlinking with other PSA LIF10YPEW alarms in domestic residential applications. When one RF interlink unit sounds an alarm, all other compatible RF units in the RF interlink network will alarm. Follow the steps in section 6.1 to interlink up to 24 units in your interlink network. If you have problems during setup, see section 6.3 to start over.

NOTE : Wireless units will emit a series of LED flashes and beeps as the unit(s) search for an RF interlink network. If you are intending to use wireless units without the wireless function, ignore these notifications, and the wireless function will eventually turn off. You can turn the wireless function on again at a later date if desired. See Section 6.2.

NOTE : The battery activation is a one-time feature. After activation, the battery cannot be turned off, and can only be discharged at the end of product life. If the alarm is removed from the mounting plate, the battery will remain active. See Permanently Disable Alarm / Discharge Battery section13.

Definitions of key terminology:

Coordinator: The wireless network master unit that is the key communicator with the other wireless units. This assignment remains until the coordinator is reset (section 6.3). The coordinator unit should be installed in a central location of the residence.

RF Device (RFD): The other wireless units that connect with the Coordinator.

General Reset mode: Resets a unit to when it was powered on for the first time after being removed from the package.

6.1 Setting Up an RF Interlink Network (Enrolment)

For easiest first-time setup, we recommend unpacking all units together on a desk, table, or counter and using the steps in the following table. If you prefer to install the alarms on the ceiling before enrolment, attach all mounting brackets to the ceiling first, and then choose a central location unit to start with step 2 below.

	User Input	Detector Response	Timeout
Step 1	Unpack all units		
Step 2	Attach first unit to mounting bracket by turning unit fully onto mounting bracket.	Unit powers up - Red LED one second on one second off, and one chirp	
Step 3	2 Button Presses on First Unit	2 soft beeps and two quick Red LED flashes every 2 seconds to indicate unit is configured as a Network Coordinator and a sonar ping sound indicate that Join Mode is Open	Join Mode will timeout in 15 minutes

	User Input	Detector Response	Timeout
Step 4	Serially turn each additional unit on its mounting bracket	Red LED on each unit will initially flash one second on and one second off. Tweedle will sound when each unit joins network and red LED flashes three times every 2 seconds to indicate it is configured as an RFD in the network	Join Mode will timeout in 15 minutes after last unit joins.
Step 5	After all units have joined, press button twice on last unit.	Red LED on each unit will power off indicating Standby Mode	
Step 6	Follow installation instructions in section 8.		

6.2 Adding A Detector To An Existing RF Interlink Network

At some point, you might want to add another LIF10YPEW unit to your existing RF interlink network for additional protection, or to replace an old unit. Follow the steps in the following table.

	User Input	Detector Response	Timeout
Step 1	2 Button Presses on Any Unit in the Network	Unit will respond with two quick flashes and two soft beeps every 2 seconds if it is the Coordinator of the Network; three quick flashes and three soft beeps every 2 seconds if it is an RFD in the Network - Join Mode is indicated by a sonar ping sound.	Join Mode will timeout in 15 minutes
Step 2	Power up unit(s) being added by attaching the unit(s) to the mounting bracket(s). For previous units that have been reset, press button twice to enter join mode.	Unit will produce Tweedle sound when it joins, then Red LED flashes three times every 2 seconds to indicate it is configured (as an RFD) in the network	Join Mode will timeout in 15 minutes
Step 3	After new unit(s) have joined, press button twice on any unit in the network to close Join Mode.	Red LED on each unit will power off indicating Standby Mode	Join Mode will timeout in 15 minutes
Step 4	Follow installation instructions in section 8.		

6.3 Resetting A Unit's RF Interlink Feature (General Reset mode)

This section will explain how to perform a general reset of a unit, which starts the unit over as if it were powered up for the first time. It also explains how to remove a unit from a network if needed.

Follow the steps in the table below if one of these conditions occurs:

* If you have problems or become confused during initial RF Interlink enrolment.
* If a unit has reached its end of life or has a low battery, and needs to be removed from the RF Interlink Network.
* If a unit is consistently out of range and needs to be removed from the RF Interlink Network.
* If you decide to remove a unit from your RF Interlink Network and enrol it in another RF Interlink Network (at a friend or family's location, for example).

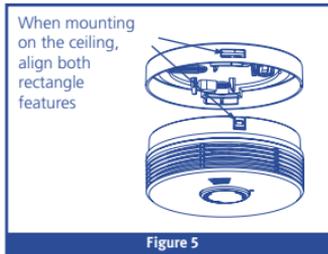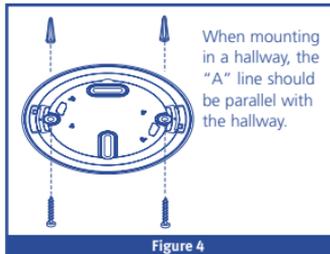|	User Input	Detector Response	Timeout
Step 1	2 button presses to open join mode on unit to reset or remove..	Unit will either: 2 Red LED flashes every 2 seconds - Coordinator 3 Red LED flashes every 2 seconds - RFD Red LED flash 1s on 1s off - searching for network Sonar Ping from unit that opens join mode. Network will enter join mode and display 2 or 3 flashes respective to their current states (Coordinator or RFD).	
Step 2	Press and Hold Button on unit to reset or remove.	Red LED will blink four times, twice - indicating the unit has been reset. Unit is in general reset condition and is now in stand alone mode. Unit will not join a network until network opened at this specific unit with two button presses.	
Step 3	2 button presses on any other unit in the network to close Join Mode.	Red LED on each unit will power off indicating Standby Mode	
Step 4	a. If trying to join a network, start over with section 6.2. If problems still occur, call customer support. b. If unit has reached end of life or has a low battery, proceed to Section 13.		

7. Wireless FAQs

ID	FAQ	Answer
1	*How does "desk enrolment" work?*	Rotate first unit onto mounting bracket to power it up. Push button twice to open network. Power up remaining units. Wait for each unit to join. Push button twice to close network. See section 6.1.
2	*What happens if units are powered up for the first time but no buttons are pressed?*	Units will search for a network for 15 minutes after which all units will go into standby blink and will sound 1 chirp/s for 15 sec. Standby is indicated by blink every 60 seconds. To recover, two quick button presses to restart join mode on all units that have timed out.Return to section 6.1.
3	*What happens if a unit doesn't find a network during the enrollment process (out of range, defective radio, not made coordinator)*	Unit will go into standby and will sound 1 chirp/s for 15 seconds indicating Network not found. The unit will then become a stand alone smoke alarm with no interlink.
4	*What happens if a Coordinator doesn't find any RFD to join after being set to coordinator.*	Coordinator times out after 15 min, becomes a stand alone smoke alarm with no interlink. RFD times out after 15 minutes, becomes a stand alone smoke alarm. Units will sound 1 chirp/s for 15 seconds indicating that they are not joined.
5	*What happens if an RFD drops from the network?*	The RFD will enter fault mode after approximately 30min. See Troubleshooting.
6	*What happens if an RFD drops from the network and comes back online?*	Nothing within ~30min. After 30 minutes it will go into error mode - network fault. See Troubleshooting. Once the RFD comes back online, two button presses on any unit in the network will allow it to re-join.
7	*What happens if the coordinator drops from the network?*	**IF** no other units can hear the coordinator **AND** RFD1 can hear all the others: RFD unit 1 becomes the coordinator after 30 min and other RFD's will re-join.

Wireless FAQs

ID	FAQ	Answer
8	*What happens if the coordinator drops from the network and comes back online?.*	Nothing within 30min. After 30 min, push button twice, and then push/hold button for approx 4 seconds until two beeps. Unit is reset. Push button twice to reopen network and rejoin. See section 6.3. (assuming RFD1 unit 1 took over). The ex-Coord unit can be joined to the network as RFD unit, network issue clears.
9	*How can a unit be added to the network?*	Push button twice on any existing networked unit. Power on new unit and wait for it to join. Push any button twice to close network. See section 6.2.
10	*Can the enrolment process be reset/restarted?*	Yes. Push button twice to open network. Push/hold button for approx 4 seconds until two beeps. Push button twice to reopen network at that unit. See section 6.3.
11	*Is there a way to get more information about a trouble status?*	In fault mode press button for red LED error code. Count the number of Red LED flashes and report to customer support.
12	*What happens if the user puts 2 units into coordinator mode during desk enrolment?*	The user will have 2 coordinators. Corrective action: See section 6.3 to reset one of the coordinators to become an RFD.
13	*Is it possible to check how many units are enrolled into the network*	While in join mode, press and release button on any joined unit. LED will blink out number of units.
14	*Is it possible to check if a unit is the coordinator or an RFD*	With two button presses (setting the unit to Join mode) there will be a different blink pattern to identify a Coordinator or a RFD: Unit will respond with two quick flashes every 2 seconds if it is the Coordinator of the Network, three quick flashes every 2 seconds if it is an RFD in the Network
15	*If the alarms main switch is turned off will the RF circuitry remain on?*	Yes, the RF will remain on, it will go into standby without any indicators. The RF does not have a separate timer for the 10 year life span.

8. Installation Instructions

When mounting in a hallway, the "A" line should be parallel with the hallway.

Figure 4

When mounting on the ceiling, align both rectangle features

Figure 5

After selecting the proper smoke alarm location as described in Section 4, attach the mounting bracket to the ceiling as shown in Figure 4. Use the screws and cavity fixings provided to secure the mounting bracket (use 5mm drill bit for cavity fixings.)

Install the alarm on the mounting bracket (Figure 5) and rotate the alarm clockwise (as indicated on the alarm cover) until the alarm snaps into place.

 The alarm is now activated!

After installation/activation, test your alarm as described in Operation and Testing section 9.

Smoke Alarm Tamper Resist Feature

This alarm is equipped with a tamper resist feature that helps prevent someone from removing the unit from the mounting bracket. When activated, it can be very effective in preventing smoke alarm removal or tampering. Activate the smoke alarm tamper resist feature by breaking out both small tabs in the square hole in the mounting bracket (see Figure 6). When the tab is broken off, the tamper on the base is allowed to engage the mounting bracket. Rotate the alarm onto the mounting bracket until you hear the tamper resist tab snap into place, locking the alarm on the mounting bracket. Using the tamper resist feature will help deter children and others from removing the alarm from the bracket. NOTE: To remove the alarm when the tamper resist tab is engaged, press down on the tamper resist tab and rotate the alarm in the direction indicated by the arrows on the cover of the alarm (see Figure 7).

Tamper tab

Tamper tab

Figure 6

Tamper unlock

Figure 7
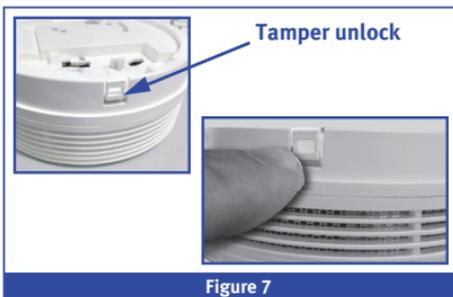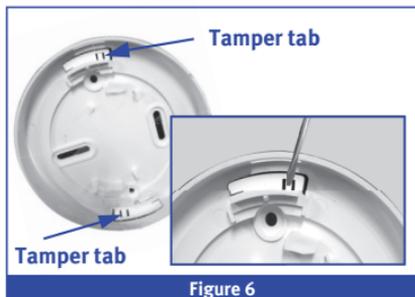
Maintenance Feature

For an annual maintenance check - if the TEST button is depressed and held and 5 short LED flashes are seen then the alarm batteries and/or the optical smoke chamber will not last a further 15 months and the alarm should be replaced within 15 months.

9. Operating, Testing and Alarm Characteristics

OPERATION: The smoke alarm is operating once the alarm is activated (see Section 6) and testing is complete. When products of combustion are sensed, the unit sounds a loud 85db pulsating alarm until the air is cleared. If there is any question as to the cause of the alarm, it should be assumed that the alarm is due to an actual fire and the dwelling should be evacuated immediately. Smoke alarm must be installed on the mounting bracket for it to operate. Removing the smoke alarm from the mounting bracket will render the alarm inactive.

TESTING: Test by pushing the button on the cover and holding it down for a minimum of 1 second (or until the alarm sounds). Note: the first test sequence will be at a lower volume. Holding the button for longer than 5 seconds will result in the full 85 decibel sound output. If the unit is interlinked to other devices in the network, all other alarms will sound. A short delay may happen before the alarms activate. Always stand about 2.5 feet away from the unit during testing to avoid ear discomfort. Pushing the button will sound the alarm if the electronic circuitry, horn, and battery are working. If no alarm sounds, the unit has a defective battery or other failure, and should be replaced with a new alarm. See Permanently Disable Alarm / Discharge Battery section to determine how to prepare the unit for shipment for service or disposal.

If RF interlinked to other wireless smoke alarms in the same network, all smoke alarms will sound. It may take a few seconds for other interlinked units to alarm.

⚠️ **WARNING: DO NOT USE AN OPEN FLAME TO TEST YOUR ALARM, YOU COULD DAMAGE THE ALARM OR IGNITE COMBUSTIBLE MATERIALS AND START A STRUCTURE FIRE. USE SMOKE TESTER LIFLT711 TO EFFECTIVE TEST THE OPTICAL CHAMBER.**

NOTE: MONTHLY TESTING IS REQUIRED.

LOCATE FUNCTION: If smoke alarms are interlinked in a network, if one smoke alarm activates (initiating unit) other units will activate. It is possible to identify the initiating smoke alarm using the locate function. For interlinked network of LIF10YPEW only, pressing the HUSH button on any non-initiating smoke alarm will hush all the smoke alarms except the initiating unit for 2 minutes. The LOCATE feature can be used repeatedly until to find the initiating alarm unit(s), or until the smoke has cleared.

10. Troubleshooting

Mode	LED Indications	Audible Indications	Note:
Low Battery	Flash every 30 seconds	Chirp every 60 seconds from low battery unit.	Push button to silence low battery for 24 hours for up to 7 days. Remove, discharge, dispose, replace with new alarm.
End of Unit Life (EOL)	2 flashes every 30 seconds	Pre-EOL warning is LED only, no chirps. At EOL, 2 chirps every 30 seconds on EOL unit.	Remove, discharge, replace with new alarm.
Alarm Fault	Flash every 10 seconds	Chirp every 30 seconds on problem unit.	Call Product Support. If fault continues, remove, discharge, dispose, replace with new alarm.
Network Fault	Flashes 1 sec ON, 1 sec OFF for 15mins. Then flash once every 30secs.	Chirp every 30 seconds on problem unit.	Note: Do a General Reset mode and re-join network.
Maintenance Feature	5 quick flashes before T3 pattern indicates there is less than 15 months on 10 year timer OR chamber is not healthy	none	Press& HOLD button; 5 quick flashes if < 15 months to EOL (no flashes if good); first T3 pattern is at low volume;
Push to Test Fault	7 flashes when button is pressed	Chirp every 30 seconds	
EEPROM memory fault	8 flashes when button is pressed	Chirp every 30 seconds	Contact Product Support.
Chamber Fault	10 flashes when button pressed	Chirp every 30 seconds	
MCU not operating (unit failure)	None	Constant tone.	Remove, turn both switches off, and contact Product Support.

11. Recognising Nuisance Alarms

Smoke Nuisance

HUSH®: If you know why the alarm is sounding, and you can verify that it is not a life threatening situation, you can push the button to silence the alarm for up to 10 minutes. If the smoke is not too dense, that unit, and all RF interlinked units will silence. After the HUSH® period, the smoke alarm will automatically reset and sound the alarm if particles of combustion are still present. You can use HUSH® repeatedly until the air has been cleared of the condition causing the alarm.

NOTE: Dense smoke will override HUSH® and sound a continuous alarm. If no fire is present, check to see if one of the reasons listed in "Locations to avoid" may have caused the alarm. If a fire is discovered, get out and call the fire department.

This alarm is designed to minimize nuisance alarms. Cigarette smoke will not normally cause the unit to alarm, unless the smoke is blown directly into the alarm. Combustion particles from cooking may set off the alarm if it is located too close to a cooking appliance. Large quantities of combustible particles are generated from spills or when broiling. Using the fan on a range hood which vents to the outside (non-recirculating type) will also help prevent nuisance alarms from occurring by removing these combustible products from the kitchen.

> If your alarm regularly **nuisance alarms** when cooking, this indicates the alarm may be mounted too close to the source e.g.. kitchen. However, by pressing the button prior to cooking, you can densisitise the alarm for up to 10 minutes.

Smoke alarms operate by monitoring the air and the environment around it. Small particles in the air such as dust, fumes, small insects may cause the smoke alarm to activate. We recommend the smoke alarm be regularly clean at least once a month using a soft brush vacuum cleaner to ensure dust and debris do not accumulate around the smoke alarm. Do not spray cleaners or detergent into the smoke alarm.

Please note – Do not attempt to remove the cover of the smoke alarm to clean inside. This will void your warranty.

12. Battery

NOTE : This alarm (including the RF module) is powered by a non-replaceable, sealed lithium battery system. No battery installation or replacement is necessary for the life of the alarm.

IMPORTANT: Constant exposure to high or low humidity or temperatures may reduce battery life.

⚠ WARNING! DO NOT ATTEMPT TO OPEN THE ALARM FOR ANY REASON!

Do not try to repair the smoke alarm yourself. No serviceable parts included.

Low battery: This alarm is equipped with a low battery monitor circuit which will cause the alarm to produce a single "chirp" approximately every 60 seconds and blink the Red LED every 30 seconds, for a minimum of 30 days should the battery become low.

Placing alarm into shut down mode at end of its useful life.

Once the alarm has entered end of life, low battery, error mode it is necessary to turn the alarm off at first (see below image), and then to permanently disable alarm/ discharge battery (see "section 13 Permanently Disable Alarm / Discharge Battery"). This stops it from making a sound to render it safe.
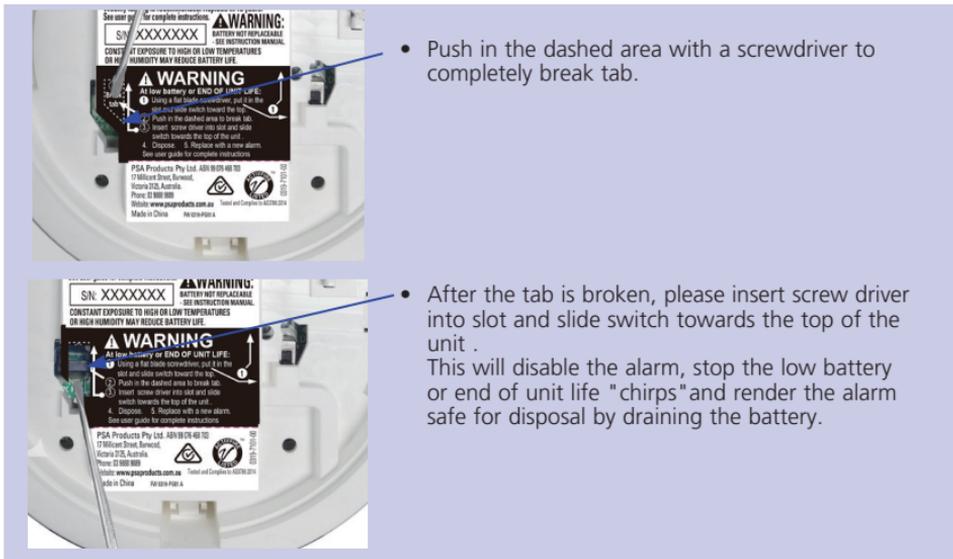

- Using a flat blade screwdriver, put it in the slot and slide it toward the top. You would see the switch slide up and stop.

13. Permanently Disable Alarm / Discharge Battery

⚠ WARNING!

- **Discharging the battery is permanent. Once the alarm has been discharged, it cannot be reactivated!**
- **Once discharged , the alarm will NO LONGER DETECT SMOKE.**
- **Once the alarm is discharged the battery will be depleted and the alarm will no longer function.**
- **Once the alarm has been discharged, it cannot be mounted onto the mounting plate or reactivated.**

To Permanently Disable Alarm / Discharge Battery:

- Push in the dashed area with a screwdriver to completely break tab.

- After the tab is broken, please insert screw driver into slot and slide switch towards the top of the unit .
  This will disable the alarm, stop the low battery or end of unit life "chirps" and render the alarm safe for disposal by draining the battery.

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

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14. Cleaning Your Alarm

YOUR ALARM SHOULD BE CLEANED ONCE A YEAR.

If the tamper resist feature has been activated you will need to follow the instructions in Section 8 to remove your alarm for maintenance.

To clean your alarm, remove it from the mounting bracket as outlined in Section 8. You can clean the interior of your alarm (sensing chamber) by using compressed air or a vacuum cleaner hose and blowing or vacuuming through the openings around the perimeter of the alarm. The outside of the alarm can be wiped with a damp cloth.

After cleaning, reinstall your alarm and test your alarm by using the button. If cleaning does not restore the alarm to normal operation the alarm should be replaced.

⚠ **WARNING : Reinstall the Alarm as soon as possible to ensure continuous protection.**
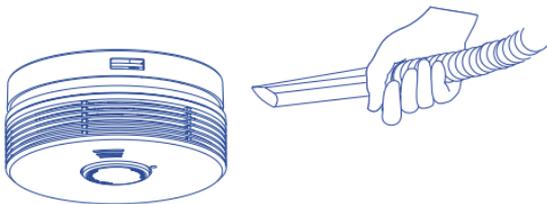
15. Good Safety Habits

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 a rope or chain 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 in order to execute the escape plan. Practice allows all occupants to test your plan before an emergency. You may not be able to reach your children. It is important they know what to do.

RECOMMENDATIONS

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

16. Limitations Of Smoke Alarms

⚠ **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 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 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.

- If the alarm is located outside the bedroom or on a different floor, it may not wake up a sound sleeper.

- The use of alcohol or drugs may also impair one's ability to hear the smoke alarm. For maximum protection, a smoke alarm should be installed in each sleeping area on every level of a home.

- Although smoke alarms can help save lives by providing an early warning of a fire, they are not a substitute for an insurance policy. Home owners and renters should have adequate insurance to protect their lives and property.

17. Warranty and Liability

1. PSA Products Pty Ltd (ABN: 99 076 468 703) of 17 Millicent Street, Burwood 3125 Victoria, Australia warrants this product for a period of ten years from the date of purchase, as reflected on the Authorised Reseller's or Distributor' 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).

2. 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.

3. 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.

4. 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 17.1.

5. 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.

6 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.

18. Product warranty registration

Thank you for purchasing and installing the most trusted brand in fire, security and intercoms.

To ensure you receive excellent after-sale product service we encourage you to register your products.

There are a few important reasons to register your product:

1. It will ensure your investment is protected in case it is damaged or broken and we can effectively carry out any warranty claims.

2. Registration will also allow us to contact you in an unlikely event of product safety notification required under Consumer Product Safety Act.

3. Registration will also help us improve our product design to meet your needs.

Register at: http://www.psaproducts.com.au/register-product/

Register this product for warranty to ensure fast and effective service.

Otherwise, 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 No: _____

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.

Tested & Complies to
Australian Standards
AS3786:2014 Amdt 1

Complies to
AS/NZS4268:2017

Another Quality Product By:
PSA Products Pty Ltd
17 Millicent Street, Burwood, Victoria 3125
Ph: 1300 PSA PRODUCTS (1300 772 776)
Fax: (03) 9888 9993
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