

**LIFESAVER**

## **Smoke Alarm Wireless Interlink Base Plate Installer Manual**

### Model LIFWMB

Installing the wireless interlink or interconnect base plate onto the PSA Lifesaver 5 Series smoke alarms allows the smoke alarms to be interconnected wirelessly. When the smoke alarm activates in the event of a fire, this interlink module will wirelessly trigger another smoke alarm fitted with a wireless interlink module. This will provide an early warning to the dangers of fire and simple installation without cabling the Switch (SW) or interlink wire.

LIFWMB – Wireless base plate to suit PSA  
LIFESAVER LIF5000, LIF5800  
and LIF5800RL Smoke alarm

Installation instructions and product information can be found within this manual. Please leave this manual with the home owner.

**Please read these instructions thoroughly before proceeding.**

## INTRODUCTION

Be sure to use the wireless base plates with the compatible smoke alarms. Failing to use the correct base plate may render the system inoperable.

Compatible list:

Wireless Base Plate	Smoke Alarm
LIFWMB	Lifesaver LIF5000 Lifesaver LIF5800 Lifesaver LIF5800RL Tradeforce TRFSD240I Tradeforce TRFSD240PE TRFSD240PERL

Up to 24 smoke alarms can be fitted in a wireless system.

The wireless signal uses radio frequency to create an interlinked network of smoke alarms. When programmed and installed, once a smoke alarm activates it will trigger other smoke alarms within the same network.

When using the wireless base plate, it is not required to cable the SW terminal.

**Warning: Do not interconnect 2 wireless base plates AND cable the SW together. This will cause damage to the system.**

### PLEASE NOTE:

**When connecting the LIFWMB base plate. Ensure the 2 blue wires are connected to the N terminal of the base plate before programming and installation.** 2

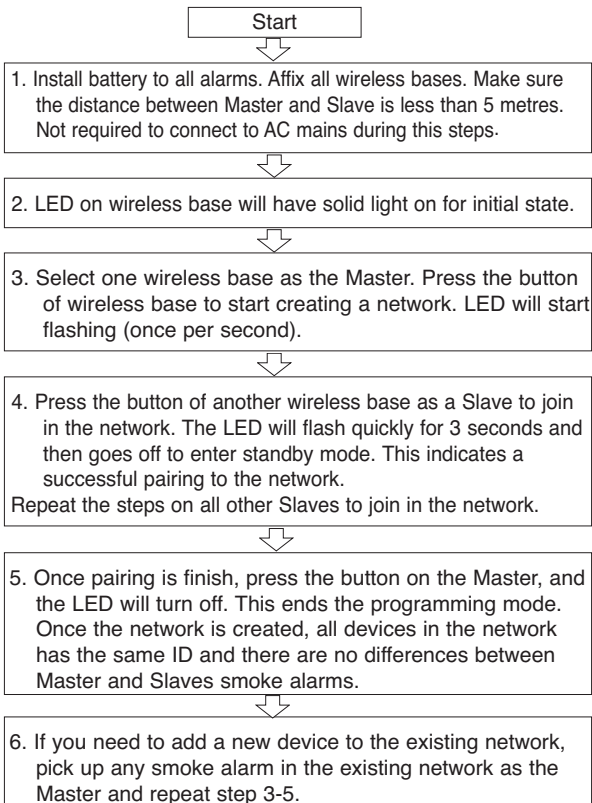
## PROGRAMMING THE NETWORK

**Before installing the smoke alarm and base plate to the ceiling , you need to program the wireless base plate to create a network.**

How to create a network?

Master unit creates the network and Slave units joins the master network.

Follow the steps below:



## LED indicate instruction

Operate	LED status	Note
N/A	Constant on	Factory state, no network information
N/A	OFF	Standby state, with network information
Master (Create a network)	Continuously flashing	Waiting for other devices to join in.
	On 3s then off	Can't create a new network because another Master nearby is creating a network.
Slaves (Join in the network)	Fast flash 3 seconds then off	Join in the network successfully
	Continuously flashing	If no network is found in 2 to 3 seconds, the base will create a new network and let others to join in.
Clear network information	Flash for 6 seconds then constant on	Press and hold button for 6s.

## INSTALLATION INSTRUCTION

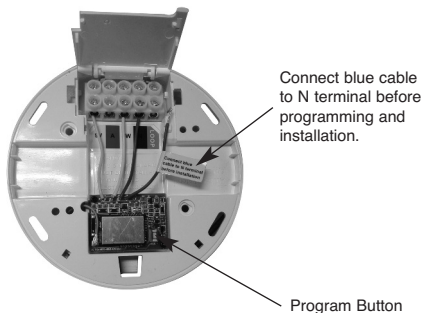
**WARNING: THIS Wireless base MUST BE INSTALLED BY QUALIFIED (LICENSED) ELECTRICIANS ONLY.**

### Wiring Instructions:

- In the interests of safety, this wireless base and all wiring must be installed by a licensed electrician in accordance with the relevant requirements of the SAA Wiring Rules - AS3000.
- This wireless base plate can only interconnect with compatible smoke alarm as listed in the table on page 2. Interconnection with other brands may cause damage or result in a shock or fire risk and void warranty.

- There are wires that are pre-cabled to the terminal. **DO NOT** remove or disconnect these cables.

### Model LIFWMB



- There are five terminals in the supply terminal block, marked 9V, A, SW, N and LOOP. It is important that the alarm be wired correctly to ensure correct operation. Incorrect wiring to the Smoke Alarm will damage the unit and void the warranty.
- Terminals on the back of base plate are marked and colored as follows:

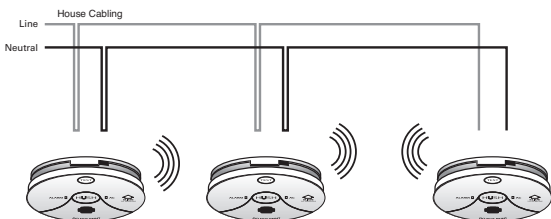
#### MARKINGS

(Yellow)	9V	9Vdc POSITIVE POWER SOURCE
(Red)	A	ACTIVE
(White)	SW	SWITCH WIRE (FOR INTERCONNECTION ONLY)
(Blue)	N	NEUTRAL, <b>for LIFWMB model, must connect 2 Blue wires to N before install to ceiling</b>
(Orange)	LOOP	DEAD TERMINAL

**WARNING:** Connecting the Switch wire terminal to any other supply conductor may result in damage to the alarm, failure to operate or shock hazard and void the warranty of the alarm.

## INSTALLATION INSTRUCTION

To connect all wireless bases use only the Active (Line) and Neutral lines, do not connect to the SW terminal. See diagram below



To expand an existing interconnected system, connect a wireless base to one alarm of the hardwired system and then additional wireless base at each new location. **DO NOT HARDWIRE THE SW TERMINAL OF TWO ALARMS WITH WIRELESS BASE TOGETHER.**



**NOTE:** Smoke alarms can be replaced without replacing the wireless base.

If a wireless base needs to be removed from the system, the wireless base may be reset to factory settings at any time by pressing button for 6 seconds, and then the LED will be constant on.

### Adding an additional wireless unit

Pick up any device in the existing network as the Master and implement set-up process step 3-5. See page 3.

## TESTING

Your smoke alarm is a life saving device and should be checked periodically.

### Manually Testing your Alarms

Alarms with wireless base should be tested weekly to ensure the units are working. This is to determine whether there are sources of interference preventing communication, that the radio paths have not been disrupted by moving furniture or renovations.

- Press and hold the Test Button on the Smoke Alarm until the Alarm sounds and then all the other Alarms in the system will sound.
- Release the Test button. The Alarm and all connected Alarms should stop sounding.
- Repeat this procedure for all other Alarms in the system.

### **WARNING: Do not test with flame.**

PSA recommends to effectively test your smoke alarms using **the Lifesaver Smoke Detector tester LIFLT711**. Test smoke activates the sensing chamber of the smoke alarm.

### Technical Specification

Mains power: 9VDC from Alarm.

Backup Power: From smoke alarm Lithium battery in LIFWMB provides 3 days backup from low battery in smoke alarm.

Temperature (operating): 0 – 40°C

Humidity: 0-95% (non-condensing)

Radio Frequency: 2.4GHz

Wireless range: Greater than 100m in open space. Up to 30m with internal walls.

Test Standards: AS/NZS 4268: 2012

## ENVIRONMENTAL PROTECTION

Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with Local Authority or Installer for recycling advice.

## WARRANTY & 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 12 months 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).
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 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.



## WIRELESS ACCESSORIES

The wireless base is also compatible with LIFESAVER Smoke Alarm Remote Control LIFTHPW. The smoke alarm remote control wirelessly connects with the LIFWMB wireless baseplate to conveniently TEST, HUSH and LOCATE smoke alarms.

The Smoke Alarm Remote Control is ideal for difficult to reach smoke alarms, high ceilings, elderly home occupants and commercial applications.



*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

Email:enquiry@psaproducts.com.au

Website:www.psaproducts.com.au

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