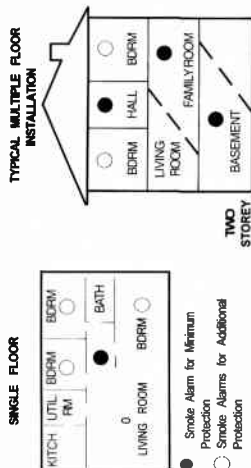


# SMOKE DETECTORS

## RECOMMENDED LOCATIONS OF ALARMS

The Clipsal Lifesaver® 755 Series Smoke Alarms are domestic units designed to be mounted on ceilings in single or multi-storey residential dwellings, such as houses, home units and apartments. If the alarm cannot be installed on the ceiling, wall mounting is acceptable in most instances. Recommended locations are as follows:



● Smoke Alarm for Minimum Protection  
○ Smoke Alarms for Additional Protection

- Install at least one Smoke Alarm on each level or storey of a multi-storey dwelling.
- A Smoke Alarm should be installed in the immediate vicinity of the bedrooms. If there is more than one sleeping area, locate additional alarms in the immediate vicinity of each of these areas.
- Sleeping areas are often located furthest from the exits of a house. Therefore, Smoke Alarms should be installed on all exit routes from bedrooms.
- A Smoke Alarm should be installed inside every room in which a smoker sleeps and inside any room where a person sleeps with the door closed.
- A closed door can stop smoke easily reaching the alarm and can prevent the occupant hearing the alarm sounding.
- Install additional alarms in hallways that are longer than 9 metres (30 feet).
- Smoke Alarms should preferably be mounted on the ceiling, not less than 600mm (2 feet) from any corner.
- If the alarm is to be mounted on a wall, install it not less than 300mm and not more than 500mm from the ceiling and no closer than 600mm from any corner.

## SMOKE ALARM DESCRIPTION

Model 755P Photoelectric 240V - Smoke Alarm with 9V non-rechargeable alkaline battery backup.  
Model 755RP Photoelectric 240V - Smoke Alarm with 12V rechargeable lithium battery backup.

Thank you for purchasing a quality Clipsal Lifesaver® 755 Series Smoke Alarm. The 755 Series are mains powered smoke alarms, with a battery backup that will operate in the event of a mains power failure. The alarm will sound when smoke produced at the start of a fire enters the unit's detection chamber.

These units are not designed to detect heat or flame. A 5 year warranty (excluding batteries) is included.

Please read the following instructions carefully to ensure correct installation and maintenance.

Installation of the Clipsal Lifesaver® 755 Series Smoke Alarm must be carried out by a licensed electrician or similarly qualified person to SAA Wiring Rules (AS3000) and relevant Building Codes.

## SMOKE ALARMS HAVE LIMITATIONS

The Clipsal Lifesaver® Series Smoke Alarm is not foot-proof and is not warranted to protect lives or property from fire. Smoke Alarms are not a substitute for insurance. In addition, it is possible for the Smoke Alarm to fail at any time.

**FOR THIS REASON YOU MUST TEST THE SMOKE ALARM WEEKLY AND REPLACE EVERY TEN YEARS.**

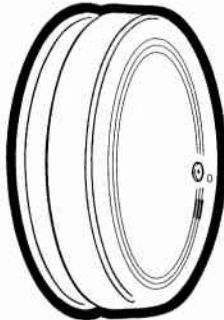


## Clipsal Lifesaver® Smoke Alarm

### Installation/Operating Instructions and Warranty 755 Photoelectric Series

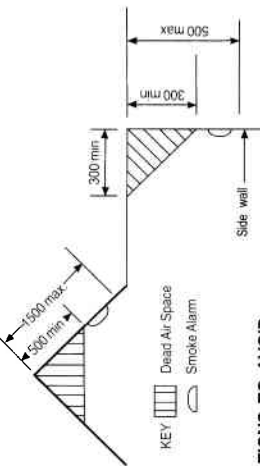
#### 240V a.c. Photoelectric Smoke Alarm with battery backup

Suitable for single use or interconnection of up to 40 alarms. Tested and passed to AS3786 - 1993.



**IMPORTANT:** Please leave this manual with the owner.

110-647C



**LOCATIONS TO AVOID**

Installing a Smoke Alarm in an unsuitable location creates two main problems.

- 1 Obstructions can prevent the alarm from giving early warning in the event of a fire.
  - 2 Its location may lead to nuisance (false) alarms. To avoid these situations, Clipsal Lifesaver® 755 Series Smoke Alarms should not be installed in any of the following locations:
    - The garage. Combustible products are present in the air when you start and run your vehicle's engine.
    - In front of forced air movement from air-conditioners, heaters, fans, etc.
    - In dead air spaces where early smoke may not enter, e.g. upper sections of sloping or 'A' frame ceilings or exposed ceiling beams, where air does not circulate.
    - In dusty areas. Dust may cause a Smoke Alarm to false alarm or even fail to alarm.
    - In spray painting areas.
    - In areas where temperatures may fall below 5°C or rise above 45°C.
    - In areas where relative humidity may fall below 10% or rise above 93%.
    - In or near very humid areas such as bathrooms. Moisture can cause false alarms.
    - Near hot water heaters, space heaters or fireplaces.
    - In any area that attracts insects. Some lights attract insects, particularly fluorescent and mercury vapour lamps.
    - When installing a Smoke Alarm on the ceiling, do not install it near any protrusions that may prevent smoke spreading quickly to the alarm.
- LOCATING A SMOKE ALARM IN A CARAVAN OR MOBILE HOME**
- Many mobile homes may not be well insulated, enabling extreme heat or cold to be transferred from outside the home through the walls and roof. This may create a thermal barrier which can prevent smoke from reaching a Smoke Alarm mounted on the ceiling. If this situation

- exists, install the Smoke Alarm on an inside partition between 300mm and 500mm from the ceiling. If you are not sure about insulation in a mobile home, or if you notice the walls and ceilings are either hot or cold, install the alarm on an inside wall. For minimum protection, install one alarm close to the bedrooms. For additional protection, refer to the single floor plan on page 3.
- In mobile homes and caravans it is particularly important to install Smoke Alarms as far away as possible from cooking areas to reduce the potential for nuisance alarms.
- Other areas to avoid are listed under the heading "Locations to Avoid".

**BUILT-IN HUSH CONTROL – Warning**

Before using the alarm's Hush feature, fully identify the source of the smoke and make certain that the area is safe. Nuisance sources such as kitchen cooking areas can cause nuisance or false alarms. Built into Clipsal Lifesaver® 755 Series Smoke Alarms is a special Hush feature that lets you silence false alarms from nuisance sources.

**Features**

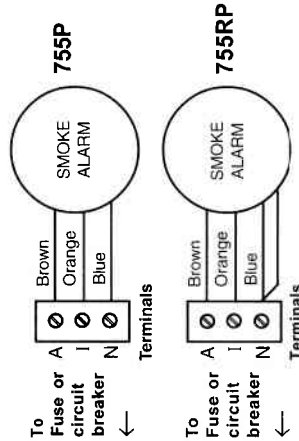
- The Hush control will temporarily silence the alarm for approximately 15 minutes.
- After 15 minutes the unit will automatically revert to the fully alert mode.
- Very dense smoke will override the Hush control and sound the alarm.
- The Hush feature can be used repeatedly to silence the alarm until the air is cleared.
- This feature is to be used only when a known condition (e.g. smoke from cooking) activates the alarm. To operate, push the HUSH/TEST button. The alarm will silence immediately and the red light blinks approximately every 10 seconds for the next 15 minutes.
- It will then automatically revert to the fully alert condition. If smoke particles are still present, the alarm will sound again.
- If interconnected alarms are installed, the unit that detects the smoke and sounds the alarm cannot be inadvertently silenced by the HUSH/TEST button of other units. In this case all of the alarms will continue to sound for as long as smoke is detected or until the HUSH/TEST button of the triggering alarm is pressed. The Smoke Alarm produces an audible sound of 85 decibel alarm at 3 metres.

**INSTALLATION**

The Clipsal Lifesaver® 755 Series Smoke Alarms are 240V a.c. unit with 9V d.c. battery backup. Unless a 9V d.c. battery is installed, disconnection of this unit from its mounting plate or loss of mains power will render this device inoperative. This Smoke Alarm must be connected to a continuous 240V a.c. 50Hz supply which cannot be inadvertently switched off. Interconnected alarms must be wired on the same final sub-circuit.

**WIRING INSTRUCTIONS**

- 240V a.c. installation must be carried out by a licensed electrician or similarly qualified person in accordance with the SAA Wiring Rules (AS3000). Do not connect mains to the I terminal. Permanent damage may result.
- Do not conduct an insulation resistance test to any circuit with the Smoke Alarms connected.
- It is important that the alarm is wired correctly and fitted with a 9V d.c. battery backup to ensure correct operation.



- Turn to remove the mounting plate as indicated by arrows.
- Fix mounting plate in position.
- Connect 9V battery (included with Model 755P )
- Connect circuit wiring to terminal block as set out in diagram and close the cover over the terminal block.
- Fit the Smoke Alarm to the mounting plate, rotate until it snaps into place.
- Turn on power and check the green light on alarm cover. It should be lit when mains connected.
- Test alarm by pushing on HUSH/TEST button in indicated location, the alarm will sound by holding down the HUSH/TEST button for 5 seconds.

exists, install the Smoke Alarm on an inside partition between 300mm and 500mm from the ceiling. If you are not sure about insulation in a mobile home, or if you notice the walls and ceilings are either hot or cold, install the alarm on an inside wall. For minimum protection, install one alarm close to the bedrooms. For additional protection, refer to the single floor plan on page 3.

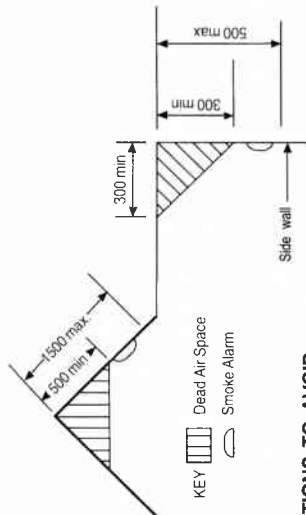
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- After 15 minutes the unit will automatically revert to the fully alert mode.
- Very dense smoke will override the Hush control and sound the alarm.
- The Hush feature can be used repeatedly to silence the alarm until the air is cleared.
- This feature is to be used only when a known condition (e.g. smoke from cooking) activates the alarm. To operate, push the HUSH/TEST button. The alarm will silence immediately and the red light blinks approximately every 10 seconds for the next 15 minutes.
- It will then automatically revert to the fully alert condition. If smoke particles are still present, the alarm will sound again.
- If interconnected alarms are installed, the unit that detects the smoke and sounds the alarm cannot be inadvertently silenced by the HUSH/TEST button of other units. In this case all of the alarms will continue to sound for as long as smoke is detected or until the HUSH/TEST button of the triggering alarm is pressed. The Smoke Alarm produces an audible sound of 85 decibel alarm at 3 metres.



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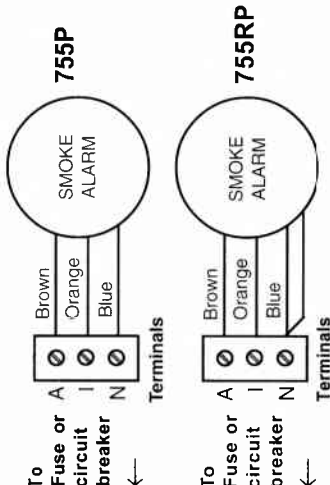
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- Turn to remove the mounting plate as indicated by arrows.
- Fix mounting plate in position.
- Fit off the terminal block.
- Connect 9V battery (included with Model 755P ).
- Connect circuit wiring to terminal block as set out in diagram and close the cover over the terminal block.
- Fit the Smoke Alarm to the mounting plate, rotate until it snaps into place.
- Turn on power and check the green light on alarm cover. It should be lit when mains connected.
- Test alarm by pushing on HUSH/TEST button in indicated location, the alarm will sound by holding down the HUSH/TEST button for 5 seconds.

**DEVELOPING AN ESCAPE PLAN**

A mains powered Smoke Alarm with battery backup, correctly installed and maintained is the most effective way of giving your family early warning of a fire. Other precautions are to reduce the risks of a fire starting in your home and to develop a fire escape plan with all family members.

Here are some suggestions for developing your escape plan:

1. Make a floor plan which clearly indicates all doors and windows in your home and at least two escape routes from each room. Multi-storey dwellings require special attention. For instance, upper storey windows may need a chain ladder or other fire stairway as a means of exit.
2. Determine a place outside your home (e.g. the letter box or front fence) where all family members can assemble if a fire occurs.
3. Discuss your escape plan with all members of your family. Show everyone, particularly young children, what to do in case of a fire.
4. Make sure all family members are familiar with the sound of the Smoke Alarm.
5. At least every six months, sound the alarm and practice your family's fire drill.

**Remember:**

In the event of a fire, you may not be able to reach your children. Therefore, it is important for all family members, including small children, to know exactly what to do.

**WHAT TO DO IF THE ALARM SOUNDS**

1. Leave immediately, following your family's escape plan.
2. As you leave, don't open any inside doors without first feeling its surface.  
If the door is hot, or if you see smoke coming through the cracks, do not open the door. Use an alternative exit.
3. 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.
4. If the air is smoky, stay as close to the floor as possible.
5. Breathe shallowly through a cloth, which if possible should be wet.
6. Once outside, go to your pre-selected assembly area and make sure everyone else is there.
7. Call the Fire Service from a neighbour's home - never from your own.
8. Do not return to your home until fire officials give you permission to do so.

**For further information on fire safety, contact your local Fire Service.**

**TROUBLESHOOTING**

To be carried out by a licensed electrician or similarly qualified person.

**▲ DANGER:** Always turn off power at main fuse box or circuit breaker before taking trouble shooting action.

**▲ WARNING:** DO NOT disconnect battery or a.c. power to quieten an unwanted alarm. This will remove your protection. Fan the air or open a window to remove smoke or dust.

PROBLEM	SOLUTION
Smoke Alarm does not sound when tested.  <b>NOTE:</b> Push Hush/TEST button for at least five (5) seconds while testing!	<ol style="list-style-type: none"> <li>1. Check that a.c. power is turned on and the green light is on.</li> <li>2. Turn off power. Remove Smoke Alarm from mounting plate and:                             <ol style="list-style-type: none"> <li>a. check that connector plug is securely attached.</li> <li>b. check that battery is properly attached to connector. (Model 755P only)</li> </ol> </li> <li>3. Vacuum Smoke Alarm.</li> </ol>
Smoke Alarm beeps about once a minute. (Model 755 only)	<ol style="list-style-type: none"> <li>1. Turn off power and replace battery in the "Battery Installation and Replacement" section.</li> <li>2. Vacuum Smoke Alarm.</li> <li>3. Verify that the unit has been under mains operation for a minimum of 2 full days. If the beeping persists after the required charging period, return the unit for service.</li> </ol>
Model 755RP	<ol style="list-style-type: none"> <li>1. Get an electrician to move Smoke Alarm to a new location. See "Recommended locations of alarms."</li> <li>2. Vacuum Smoke Alarm.</li> </ol>
Smoke Alarm sounds unwanted alarms when residents are cooking, taking showers, etc	<ol style="list-style-type: none"> <li>1. Press and hold TEST/HUSH button for at least three seconds after the first unit sounds.</li> <li>2. Have an electrician check the connections if interconnected alarms still do not sound.</li> </ol>
Interconnected Smoke Alarms do not sound when system is tested.	<ol style="list-style-type: none"> <li>1. Press and hold TEST/HUSH button for at least three seconds after the first unit sounds.</li> <li>2. Have an electrician check the connections if interconnected alarms still do not sound.</li> </ol>

**WARRANTY**

The benefits conferred by this warranty are in addition to all other rights and remedies in respect of the product which the consumer has under the Trade Practices Act and similar State and Territory Laws.

The original purchaser of this Clipsal Lifesaver® 755 Series Smoke Alarm is provided with the following warranty and subject to the following conditions. Gerard Industries Pty Ltd warrant this product for a period of 5 years from the date of purchase for all parts defective in workmanship or materials. All defective parts will be replaced free of charge. The following exclusions do not preclude the purchaser from those statutory rights consumers have under the Trade Practices Act and similar State and Territory Laws.

**WARRANTY CONDITIONS**

1. This warranty is only valid for products installed according to the manufacturer's instructions.
2. This product must not be modified or changed in any way.
3. All wiring must be carried out by a licensed electrician or similarly qualified person and must be connected to the voltage requirements as specified in the ratings label.
4. The manufacturer does not accept liability for any direct or consequential damage, loss or other expense arising from misuse or incorrect installation and operation of this product.
5. Warranty will only be given on products with proof of purchase date e.g. original invoice.
6. This warranty does not extend to cover batteries or any faults caused by batteries when incorrectly installed, leaking or otherwise installed in non accordance with manufacturer's directions.

**Note:** It is illegal to send radioactive material through Australia Post. Send by courier.

Check for similar conditions with any forwarding agency before sending this product.

As a record of purchase, please complete the following details and file this information with your purchase invoice.

**Clipsal Lifesaver® Smoke Alarm**

MODEL 755P  755RP

Serial Alarm \_\_\_\_\_  
Purchased From \_\_\_\_\_  
Date of Purchase \_\_\_\_\_

Product of Gerard Industries Pty Ltd Registered offices in all States:  
ACN007673529 New South Wales (02) 9794 9200  
Head Office Victoria (03) 9207 3200  
12 Park Terrace, Bowden, Queensland (07) 3244 7477  
South Australia 5007 (08) 8269 0555  
Telephone (08) 8289 0511 Western Australia (08) 9442 4444  
Facsimile (08) 8340 1724 Northern Territory (08) 8947 0278  
Tasmania (003) 31 6951