

# SMOKE ALARM R9

Photoelectric Smoke Alarm with 9V Battery & Test Button

## INSTALLATION INSTRUCTIONS



**PLEASE NOTE:** READ ALL INSTRUCTIONS BEFORE INSTALLATION. NO USER SERVICEABLE PARTS INSIDE THIS SMOKE ALARM.

### Specifications:



Main Power Source	9V Battery
Sensing Type	Type A Photoelectric smoke alarm - contains NO radioactive material
Sensitivity to smoke	0.08-0.2db/m
Operation Current	<20mA operation (In Alarm)
Temperature Range	0°C to 40°C
Humidity Range	10% to 90%
Sound Level Alarm	85dB at three metres minimum
Condition Visual Indicators	Audible signal pattern (ISO 8201) Red LED for warning and low battery indication
Approval	AS 3786:2014, UL S36341

### Features:

- DC operated photoelectric type smoke alarm
- Photoelectric sensor for slow smouldering fires
- Test & Hush button
- Environmentally friendly non-radioactive technology High and stable sensitivity
- Quick fix mounting bracket for easy installation
- Extra loud alarm sound over 85 dB
- Low-battery and battery missing warning indicators
- Auto reset when smoke clears

**IMPORTANT:** This manual contains important information about the installation and operation of your smoke alarm. Please read carefully before installation and keep for future reference. Please ensure that this leaflet remains in the household where the alarm is installed.

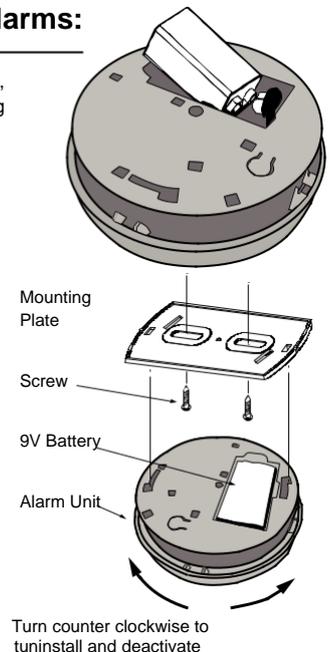
**WARNING:** This smoke alarm is designed to alert you to the presence of smoke. It cannot prevent a fire. There are hazards involved which smoke alarms may not be effective against, such as smoking in bed, explosions, etc. The ultimate responsibility for fire protection rests with you, this responsibility includes escape planning, safety checks and an effective warning system. In case of fire, a well-placed, properly looked after smoke alarm may provide a few vital seconds so that you can escape and call the fire brigade.

### IMPORTANT SAFETY INFORMATION

1. The battery must be operational for correct alarm function. To test the battery, press the test button on this smoke alarm.
2. The test button accurately tests all smoke alarm functions. DO NOT use any other test method.
3. DO NOT remove or disconnect battery to silence unwanted alarms, this will remove your protection. Press hush button or open windows to ventilate the smoke alarm to silence it.
4. This smoke alarm is designed to be used inside a single dwelling only. In buildings with several dwellings/units, each individual living unit should have its own smoke alarms. DO NOT install in non-residential buildings.
5. Install a smoke alarm on every level of the home.
6. Smoke alarms can only sound their alarms when they detect smoke. Smoke alarms detect combustion particles in the air. They do not sense heat, flame or gas. This smoke alarm is designed to give an audible warning of a developing fire; however, many fires are fast burning, explosive or intentional, others are caused by carelessness or safety hazards. Smoke may not reach the smoke alarm quickly enough to ensure safe escape.
7. Smoke alarms have limitations, this smoke alarm is not foolproof and is not warranted to protect lives or property from fire. Smoke alarms are not a substitute for insurance and homeowners and renters should insure their lives and property. 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 10 years.

### Installation of Smoke Alarms:

1. From the back of the smoke alarm, remove the mounting plate by turning it counter clockwise.
2. Secure plate to ceiling or wall with mounting screws appropriate to the surface on which the unit is to be mounted.
3. Connect new 9-volt battery to battery connector inside battery pocket. Be sure battery is securely connected. The red LED may blink briefly when battery is installed.
4. Position smoke alarm to mounting plate and turn clockwise to lock into place.
5. Push test button to test smoke alarm. See OPERATION, TESTING



### Locating and Positioning of Smoke Alarms:

This smoke alarm is a single station photoelectric alarm and should NOT be connected to other smoke alarms.

If your dwelling is on a single storey, for minimum protection you should fit an alarm in the hallway between the living areas (incl. Kitchens) and sleeping areas. Place it as near to the living areas as possible and ensure the alarm is audible when the bedrooms are occupied.

If your dwelling is multi-storey, for minimum protection one alarm should be fitted at the bottom of the staircase with further alarms fitted on each upstairs landing. This includes basements but excludes crawl spaces and unfinished attics.

**NOTE:** For maximum protection, an alarm should be fitted in every room (except kitchen, bathroom, and garage).

**DO NOT FIT AN ALARM IN THE KITCHEN or BATHROOM, as cooking fumes or steam may trigger the alarm.**

**DO NOT FIT ALARM IN A GARAGE, as exhaust fumes are likely to set it off.**

#### Ceiling Mounting

As hot smoke rises and spread out, it is advisable to mount on a ceiling in a central position. Avoid areas where there is no air circulation. E.g., Corners of rooms and keep away from items which may prevent the free flow of air. Place the unit at least 300mm from and light fitting or decorative object which might obstruct smoke / heat entering the alarm. Keep at least 300mm away from walls. See Figure 3i

#### Wall Mounting

Do not mount tight into the corners. Put the top edge of your smoke alarm 300mm below the ceiling. Keep at least 300mm from room corners. See Figure 3i

#### On a Sloping Ceiling

In areas with sloping or peaked ceilings install your Smoke Alarm 900mm from the highest point measured horizontally because "dead air" at the apex may prevent smoke from reaching the unit. See Figure 3ii.

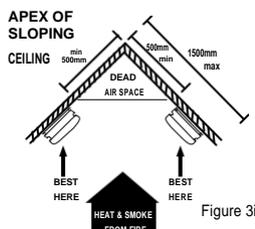


Figure 3ii

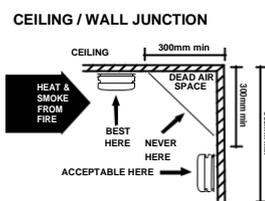
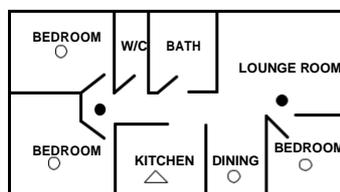
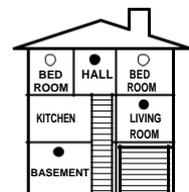


Figure 3i

#### SINGLE-STOREY RESIDENCE, APARTMENT, MOBILE HOME



#### MULTI-STOREY RESIDENCE



- Smoke alarms for minimum protection. △ Smoke alarms with hush features recommended for additional protection
- Smoke alarms for additional protection.

