

# AAP-SMOKE Manual v1.0

433MHz Wireless Interconnect smoke detector with optional relay receiver for connection with alarm systems (AAP-RECEIVER)



## Specifications

Detection Type	Photoelectric chamber
Voltage	3VDC (non replaceable)
Low Voltage	2.6V & below
Battery Life	Up to 10 years
Buzzer Volume	85dB @ 3m
Current Draw	60mA max/10mA standby
IP Rating	IPX0 (indoor use only)
Frequency	433MHz
Interconnect range	Up to 50m apart
Warranty	2 Years
Dimensions	H40 x W110mm
Standards	EN14604:2005/AC:2008, AS3786:2014 & CE

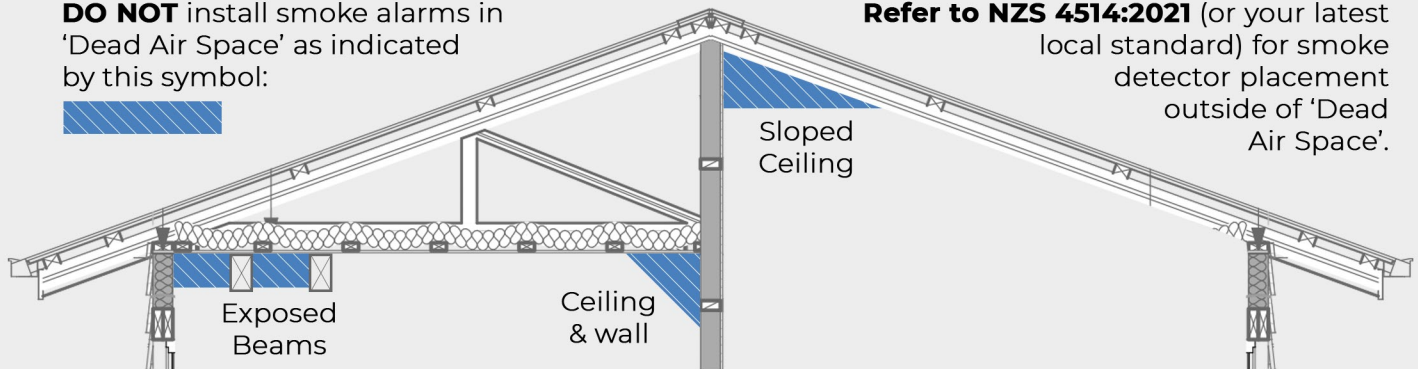
## Fitment



- Securely fit mounting plate with suitable screws to the wall or ceiling.
- Push and twist the smoke detector into the base as shown.
- The smoke detector will automatically power on when twisted into the base.
- **Do not solely rely on this manual.** It is imperative to consult & follow your local council fire regulations before fitment.

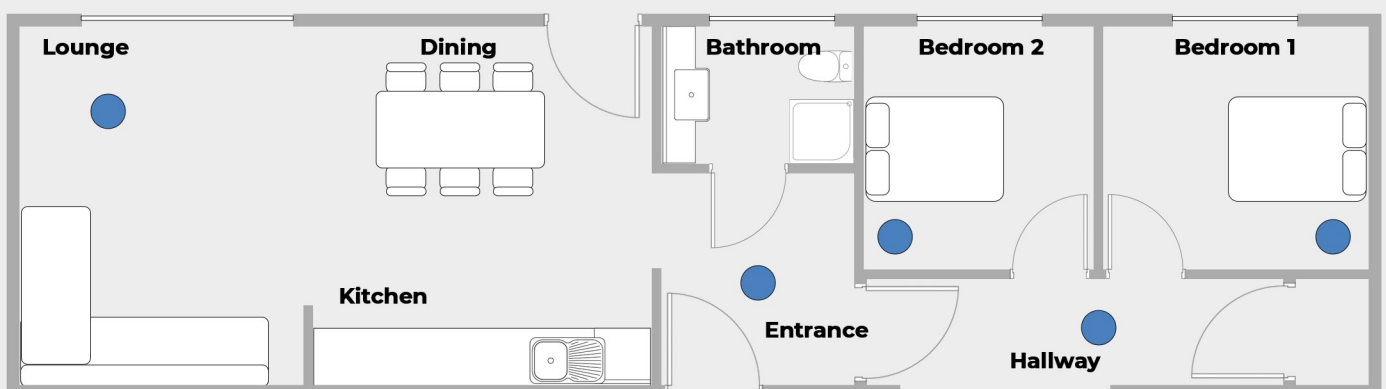
## 'Dead Air Space'

**DO NOT** install smoke alarms in 'Dead Air Space' as indicated by this symbol:



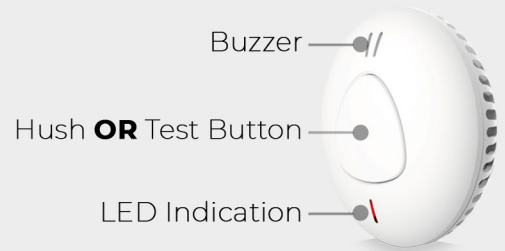
## Required Locations

Interconnected smoke detectors are required inside every bedroom, hallway, living space & landing within a building. Kitchens often also require a heat detector if they can be shut off from the rest of the house.



## Hush Button

When the smoke detector has been activated, pressing the 'Hush Button' for 1 second will silence the smoke detector sounder for roughly 9 minutes.



## LED Indication

**Normal Operation** = GREEN LED flashes every 60 seconds.

**Low Voltage Alarm** = RED LED flashes every 60 seconds, accompanied by a 'Di' sound.

**Smoke Alarm Fault** = RED LED flashes twice every 60 seconds, accompanied by a 'Di' sound.

**Hush Mode** = RED LED flashes every 10 seconds (hush button activates 'Hush Mode' for roughly 9 minutes).

## Operation, Testing & Maintenance

*Smoke detectors should be tested once a month & should be replaced immediately if they fail to test correctly. Routine cleaning is recommended by using your household vacuum soft brush attachment. Never use water, cleaners or solvents as these will damage the detector.*

### Test Button

To test the 'AAP-SMOKE', press the 'Hush/Test Button' for less than 1 second & the sounder should activate (along with any other interconnected device on the system). Interconnected devices may take up to 20 seconds to activate.

### Aerosol Test (Smoke in a Can)

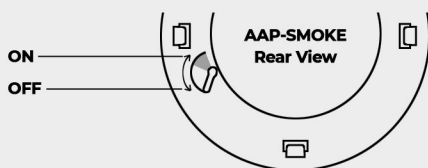
When using artificial aerosol smoke from a can, be sure to follow all instructions provided by the manufacturer to avoid degraded smoke detector performance.

## Pairing AAP-SMOKE Detectors

### Step 1 - Power On

Turn the switch on the bottom of each detector to the ON position.

Note: Locking detectors into their base will automatically turn them ON.



### Step 2 - Clear Memory

Press & hold the test button until the GREEN LED flashes 4 times (then release).

The GREEN LED will then flash 3 times slowly.

It is important to clear the memory on all detectors before pairing.

### Step 3 - Select a Primary Detector

Press & hold the test button on the detector that you wish to be the primary detector until the GREEN LED flashes 3 times (then release).

The RED LED will start to flash to indicate the device is in pairing mode.

Note: Pairing mode lasts for roughly 60 seconds before returning to normal operating mode.

### Step 4 - Learn a Secondary Detector

Press & hold the test button on a secondary detector until the GREEN LED flashes 2 times (then release).

The RED LED will then start flashing while it is trying to pair. The GREEN LED will then flash 3 times to indicate successful pairing.

Repeat step 4 to pair any other secondary detectors.

### Step 5 - Testing

Wait 60 seconds after the pair process before testing.

Press the test button (for less than 1 second) on any of the paired detectors.

All paired detectors should now sound to indicate that they are successfully interconnected.

### Note:

AAP-SMOKE detectors can also be paired/interconnected with the AAP-HEAT, AAP-REMOTE & AAP-RECEIVER to create a more safe, flexible & reliable system.

