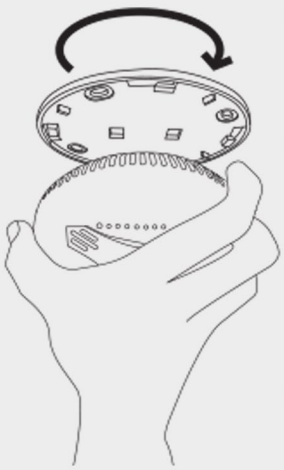
AAP-HEAT Manual V1.0

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

Specifications

Alarm Temperature	54 - 65°C/Min (rate of rise)
Voltage	3VDC (non replaceable)
Low Voltage	2.6V & below
Battery Life	Up to 10 years
Buzzer Volume	85dB @ 3m
Current Draw	60mA max/10uA standby
IP Rating	IPX0 (indoor use only)
Frequency	433MHz
Interconnect range	Up to 50m apart
Warranty	2 Years
Dimensions	H45 x W113mm
Standards	EN14604:2005, AS3786:2014 & CE

Fitment

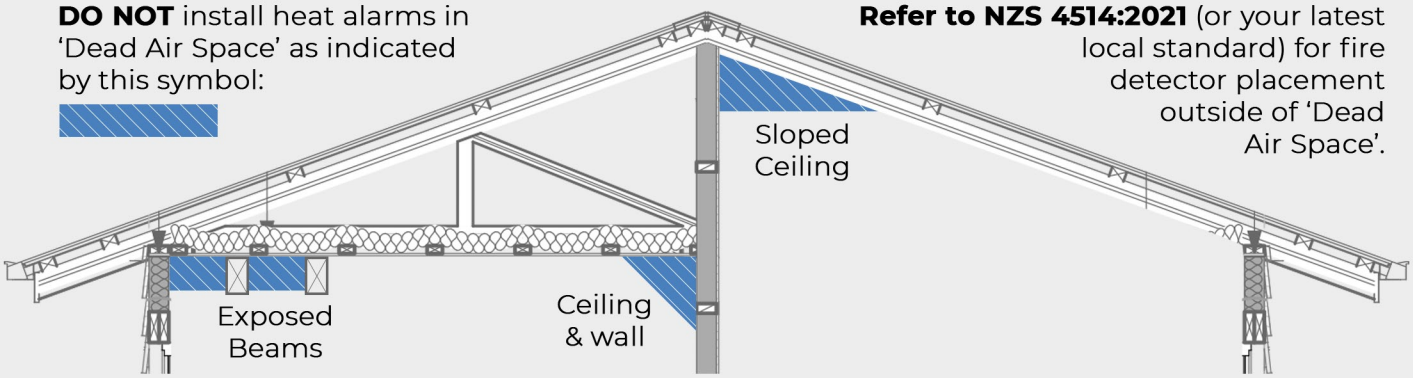


- Securely fit mounting plate with suitable screws to the wall or ceiling.
- Turn the AAP-HEAT on via the small black switch on the base of the unit.
- Push and twist the heat detector into the base as shown.
- **Do not solely rely on this manual**. It is imperative to consult & follow your local council fire regulations before fitment.

'Dead Air Space'

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

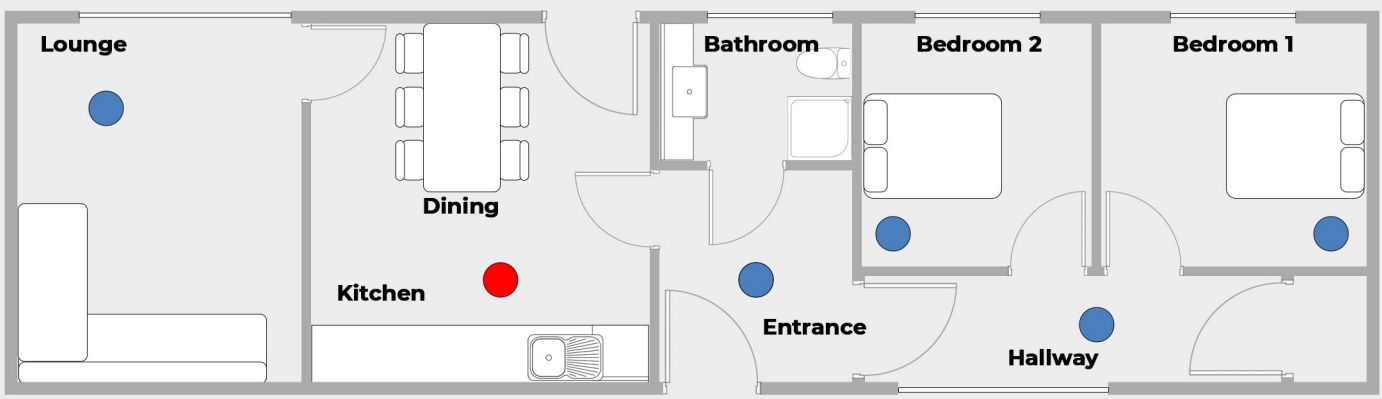
Refer to NZS 4514:2021 (or your latest local standard) for fire detector placement outside of 'Dead Air Space'.



Required Locations

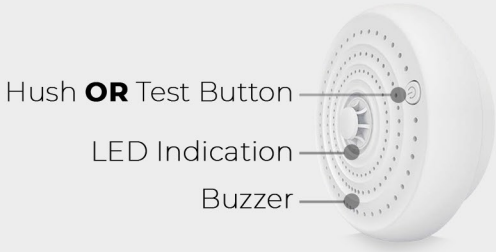
= Smoke = Heat

Interconnected heat detectors are to be installed in areas such as kitchens which can be closed off from the rest of the house (as detailed in the diagram below). This will help to avoid nuisance alarms in cooking and other similar areas of a house.



Hush Button

When the 'AAP-HEAT' detector has been activated, pressing the 'Hush Button' for 1 second will silence the heat 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 once 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

Heat detectors should be tested once every week & 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-HEAT', 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.

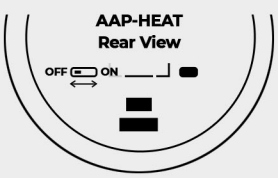
Heat Test

Heat (from 54 - 65°C rate of rise) can be applied to the detector to simulate a real fire situation. Be careful not to apply too much heat as this can damage the detector.

Pairing AAP-HEAT Detectors - *You can pair a maximum of 20 devices up to 50m apart*

Step 1 - Power On
Turn the switch on the bottom of each detector to the ON position.

Note: The default position of the power switch should be in the OFF position.



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