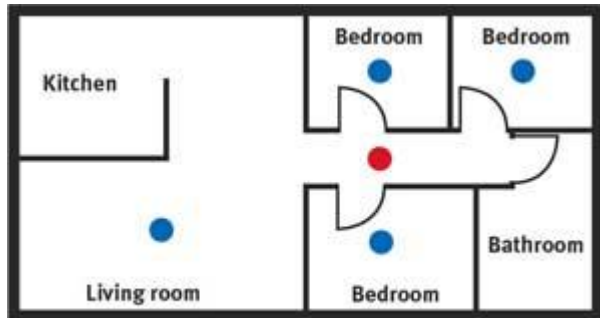


## Suggested Mounting Locations

Smoke alarms must be located in escape routes on all levels within the household unit.

On levels containing sleeping spaces, they must be installed within the sleeping space, or within 3 metres of every sleeping space door. And they must be audible through closed doors.

Always Refer to NZS 4514:2009 or the latest standard for full installation recommendations.



● Minimum ● Also recommended by the Fire Service

## Operation & Testing

Pressing the Test Button will activate test mode, triggering both the Relay and the Buzzer. The HM-MINI-12V smoke detector should be tested every month.

The smoke detector sounder will automatically reset, when all the smoke has cleared.

The alarm system sounders, may need to be deactivated from the control keypad.

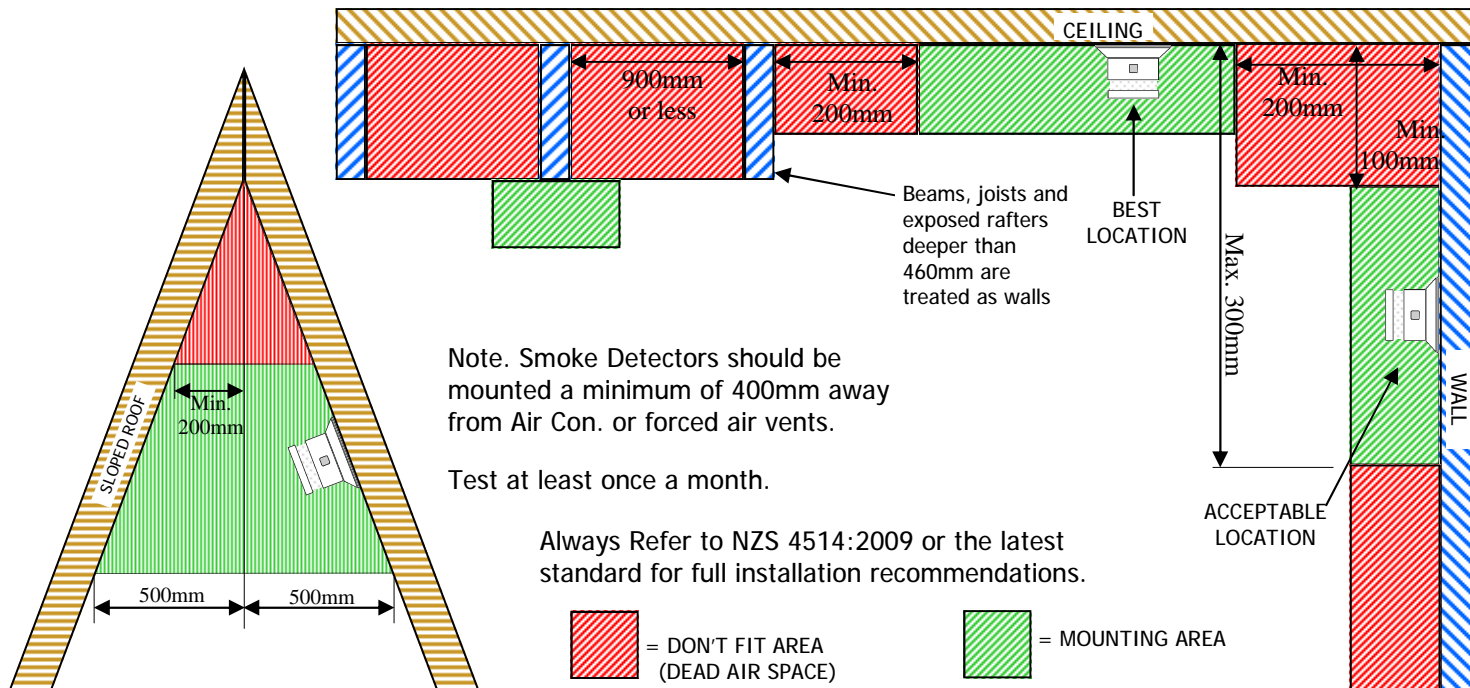
**Hush feature.** Whilst the smoke detector is in activated, pressing the test button for 1 second, will silence that smoke detectors sounder. *This will not hush the controllers, sounders or other smoke detectors connected.*

# HM-MINI-12V

AUTO RESETTING SMOKE DETECTOR

## Specifications

Detection Type	Photoelectric Chamber
Power Source	9-16 Volts DC
Standby Current	5mA
Alarm Current	25mA
Buzzer Output	85db @ 3 meters
Output Relay	N/O and N/C Contacts 50mA max (2K2 EOL fitted)
Dimensions	51mm x Ø45mm (smoke) Ø64mm (base)
Standards:	GB4715-2005, EN14604, UL217



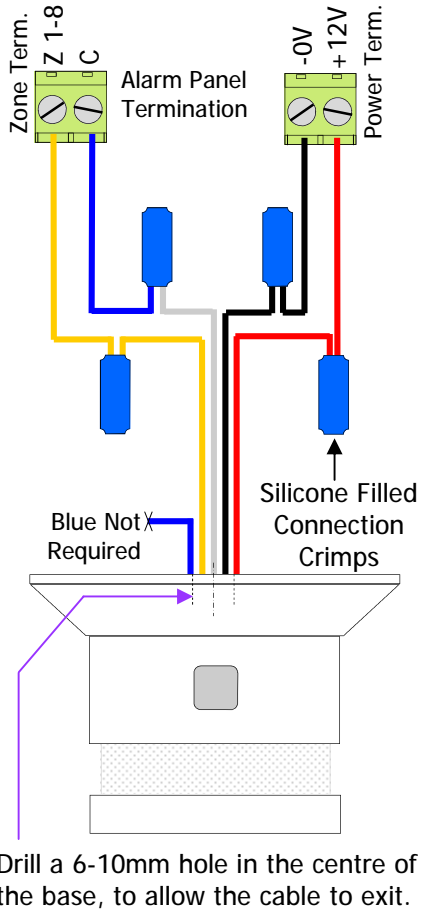
Arrowhead Alarm Products Ltd

ARROWHEAD ALARM PRODUCTS Ltd.  
344b Rosedale Rd,  
Albany,  
Auckland.  
Ph. 09 414 0085  
Fax. 09 414 0088  
[www.aap.co.nz](http://www.aap.co.nz)

v1.02

# Connection Diagram

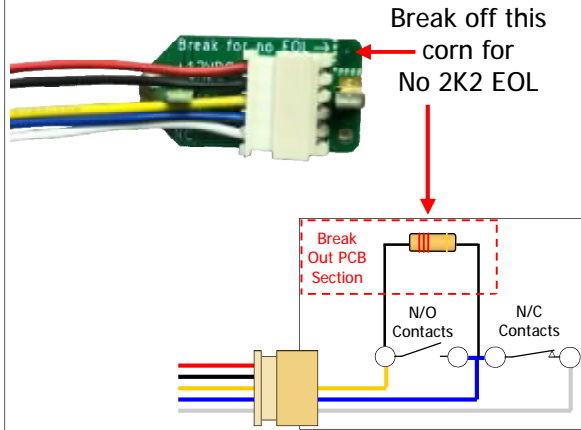
## Simple Wiring for Elite Systems Using Built-in 2K2 EOL \*Diagram A



## Built-in 2K2 EOL

The HM-MINI-12V has a built-in 2K2 EOL resistor. This allows you to easily wire one detector, directly to a Zone Input on an Elite series control panel. (see diagram A)

If you are using a different control panel or wish to wire multiple HM-MINI-12V's to the same zone (see diagram B, C & D) you will need to break off the board 2K2 EOL.



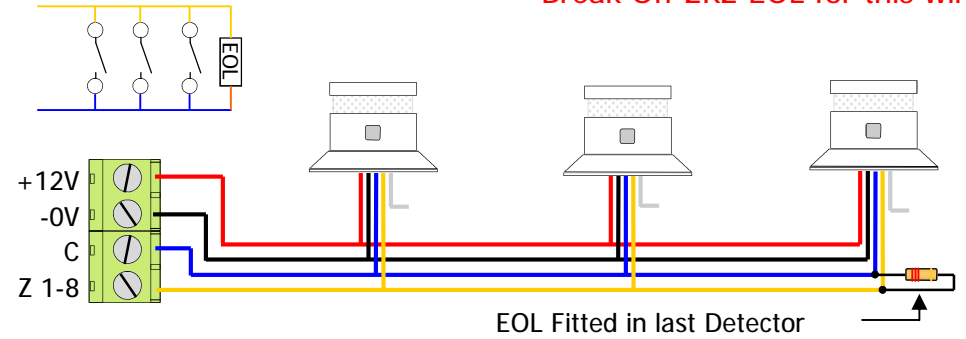
## Panel Programming (ESL, ESX, Elite S & S-Lite only)

You will need to tell the panel what zone the smoke detector is connected to. In Program mode press <PROGRAM> <123> <ENTER> then put in the zone (1-8) that the smoke is on <1-8> <ENTER> now turn On option <5> <ENTER>. With this feature turned On, when the smoke detector is triggered the Alarm will activate even if the system is disarmed. Also the sirens will pulse On and Off making a different sound to a normal burglar alarm. The user will have to clear the alarm with their normal alarm code.  
i.e. P 123 E 8 E 5 E (zone 8 is now a 24 Hour Fire zone)

## Multiple Detectors in Parallel Connection (using N/O Contacts) \*Diagram B

\*Diagram B

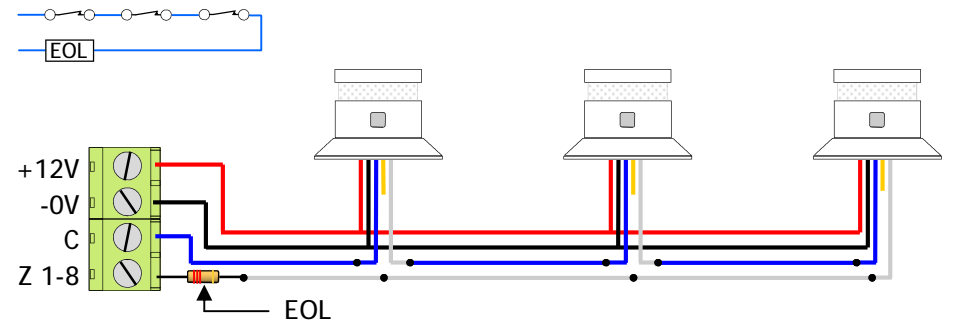
**\*Break Off 2K2 EOL for this wiring**



## Multiple Detectors in Series Connection (using N/C Contacts) Daisy-chain wiring \*Diagram C

\*Diagram C

**\*Break Off 2K2 EOL for this wiring**



## Multiple Detectors in Series Connection (using N/C Contacts) Individual wiring \*Diagram D

\*Diagram D

**\*Break Off 2K2 EOL for this wiring**

