



## SMOKE ALARM CONTROLLER USER MANUAL

### MODEL NUMBER: EP-SA-CONT-RF

Thank you for choosing Emerald Alarms.

This leaflet contains important information on the correct installation and operation of your smoke alarm controller.

Please read the information thoroughly to familiarise yourself with its functionality and retain for future reference.

### DESCRIPTION

The Emerald Smoke Alarm Controller provides an effortless method of testing, silencing and locating triggered smoke alarms without the need to reach up to the alarms on the ceiling.

The Emerald Smoke Alarm Controller connects via RF (radio frequency) to Ranger and Vulcan smoke alarms also fitted with an RF module.

POWER SUPPLY:	CR2450
BATTERY LIFETIME:	3 years
FREQUENCY:	433MHz
OPERATING TEMPERATURE:	0 ~40°C
COMPATIBLE WITH:	RF Ranger Series and Vulcan Series with RF Module
RF STANDARD:	AS4268
EMC PERFORMANCE:	EN 301 489-1, EN 301 489-3

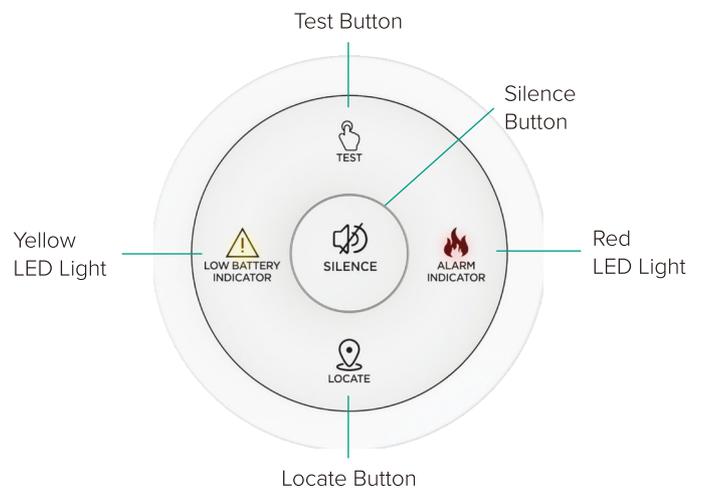
### INSTALLATION AND ACTIVATION

To ensure the best wireless transmission to connected smoke alarms we recommend wall mounting the smoke alarm controller 1.4m above floor level.

To activate the smoke alarm controller press and hold the silence button for 5 seconds until the red and yellow LED flash at the same time then release the button.

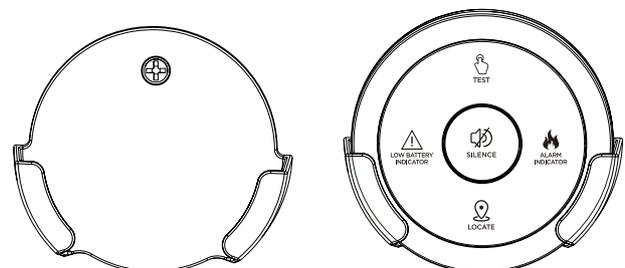
The device is now ready for pairing.

**NOTE:** The smoke alarm controller only needs to be activated the first time you use it.



### SMOKE ALARM CONTROLLER FUNCTIONALITY

<b>TEST</b>	Press the TEST button once and all interconnected alarms will beep for 7 seconds. Press the SILENCE button once to turn off the TEST mode.
<b>LOCATE</b>	Press the LOCATE button to silence all alarms except the activated one.
<b>SILENCE</b>	Press the SILENCE button and all interconnected alarms will be silenced for 8 minutes. Note: There maybe a slight delay in silencing the alarm if it is mid way through the alarming sequence.
<b>ALARM INDICATOR</b>	In the event of a fire, the ALARM INDICATOR will flash twice per second.
<b>LOW BATTERY INDICATOR</b>	When the smoke alarm controller is running low on battery, the yellow LED will flash once every 8 seconds.



## WIRELESS INTERCONNECTION FUNCTION

### Smoke alarm as central for RF connection:

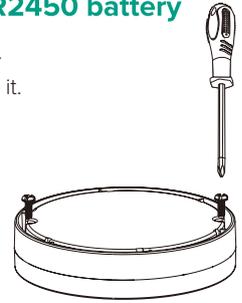
- Press the "PUSH TO TEST" button on the smoke alarm 3 times within 2 seconds until the red LED flashes indicating the smoke alarm is in pairing mode.
- Press the "SILENCE" button on the middle of the Smoke Alarm Controller 3 times within 2 seconds to pair your controller to your alarm network.
- Repeat the process with any alarms and/or controllers that you wish to be added to this alarms network.

## CLEAR WIRELESS CONNECTION FUNCTION

To clear all the connected smoke alarms from the smoke alarm controller, press and hold the "TEST" and "LOCATE" buttons simultaneously for 10 seconds until the red LED flashes once, then release.

## BATTERY REPLACEMENT - 1 x CR2450 battery

- Loosen the two screws on the back cover.
- Twist the back cover clockwise to remove it.
- Take out the battery.
- Insert a new CR2450 battery.
- Put the back cover back in place, twist it to secure, and tighten the two screws.
- Dispose of the old battery safely.



### Keep new and used batteries away from children.

This product contains a replaceable (coin/button) battery which poses a risk to children and can cause injury.

If the smoke alarm controller is damaged, or the battery compartment (back cover) does not close securely, dispose of the defective smoke alarm controller and replace with a new one.

If you think a battery has been swallowed, seek medical attention immediately.

Do not ingest battery - chemical burn hazard. If the coin/button cell battery is swallowed, it can cause severe internal burns in just two hours and can lead to death.



## WARNING

### KEEP OUT OF REACH OF CHILDREN

Swallowing can lead to chemical burns, perforation of soft tissue, and death. Severe burns can occur within 2 hours of ingestion. Seek medical attention immediately.



## TROUBLESHOOTING

PROBLEM	GENERAL SITUATION	CHECKS	APPROPRIATE SOLUTION
No reaction when the test button is pressed	Press test button without red LED flashing	Check the battery installation	Check if the battery is installed correctly
	Press the test button, the red LED flashes but no alarming	Check the interconnection between the smoke alarm and smoke alarm controller	Clear the interconnection between the smoke alarm and smoke alarm controller. Then pair and test again
		Check alarms working status	Check if the alarms are working correctly and have an RF installed
		Check whether the alarm is within the control range of the smoke alarm controller, or whether there are metal parts, wires and other interference	Change the position of the smoke alarm
Yellow LED flashes	Yellow LED flashes once every 8 seconds		Change the smoke alarm controller battery

## WARRANTY INFORMATION

K.P.S. AUSTRALIA PTY LTD warrants this smoke alarm controller to the original purchaser.

K.P.S. AUSTRALIA PTY LTD warrants each new smoke alarm controller is free from defects in material and workmanship under normal use and service for a period of 3 years from the date of purchase.

This warranty does not cover damage resulting from accident, misuse or abuse or lack of reasonable care of the product.

In no case shall K.P.S. AUSTRALIA PTY LTD be liable for any incidental or consequential damages for breach of this or any other warranty express or implied whatsoever. Faulty product can be mailed to the following address with a detailed explanation of problem.

### K.P.S. AUSTRALIA PTY LTD

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