



emerald
alarms

SMOKE ALARM CONTROLLER USER MANUAL

MODEL NUMBER: EP-SA-CONT-RF

Thank you for choosing Emerald Alarms.

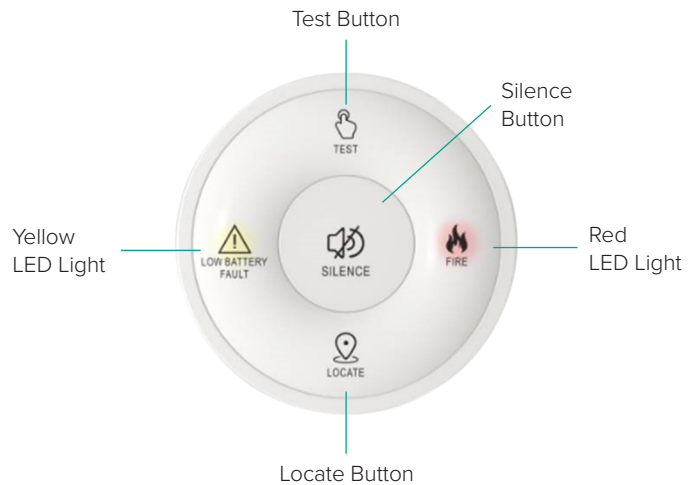
This leaflet contains important information on the correct installation and operation of your smoke alarm controller.

Please read the information thoroughly to familiarise yourself with its functionality and retain it 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.



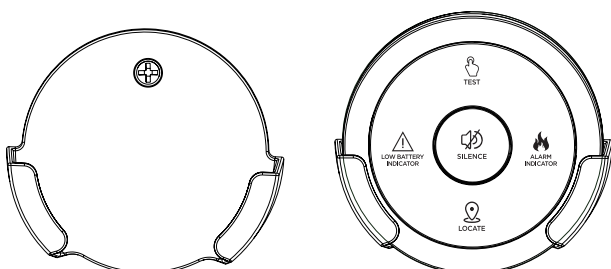
SMOKE ALARM CONTROLLER FUNCTIONALITY

TEST	Press the test button once and all interconnected alarms will beep for 7 seconds.
LOCATE	Press the LOCATE button to silence all alarms except the activated one
SILENCE	Press the SILENCE button and all alarms will be silenced for 8 minutes
ALARM INDICATOR	In the event of a fire, the Alarm Indicator will flash twice per second
LOW BATTERY INDICATOR	When the smoke alarm controller is running low on battery, the yellow LED will flash once every 9 seconds.

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

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



ACTIVATION

Press and hold the silence button for 5 seconds until the red and yellow LED flash at the same time and then release the button. This will activate the device and is ready for pairing.

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

WIRELESS INTERCONNECTION FUNCTION

Method A:

1. Press the "TEST" button of the wireless smoke alarm three times within 2 seconds, until the red LED flashes quickly, now the smoke alarm is the MASTER unit. The controller and the other smoke alarms are the SLAVE units.
2. Press the "SILENCE" button on the smoke alarm controller three times within 2 seconds, the controller flashes three times when the connection is successful. Press the "TEST" button on the smoke alarm controller to test the connection.

Method B:

1. Press the "SILENCE" button of the controller three times within 2 seconds, the red LED will flash quickly for 30 seconds, it means the smoke alarm controller is in sending pairing mode. Then the controller is the MASTER unit. And the other smoke alarms are the SLAVE units.
2. Press the "TEST" button on the SLAVE three times within 2 seconds, the SLAVE units lean this signal and completes the pairing after a "beep" sound and a light flashed once.

CLEAR WIRELESS CONNECTION FUNCTION

Press "TEST" button and "LOCATE" button at the same time, and hold them for 70 seconds until the red LED flashes once, then release the buttons. This operation will clear all the wireless connections of the smoke alarm controller with the smoke alarms.

BATTERY REPLACEMENT - 1 x CR2450 battery

1. Remove the back of the controller by loosening x2 screws.
2. Remove the battery.
3. Replace with a CR2450 battery
4. Return the back cover and tighten the x2 screws securely.
5. Safely dispose of the old battery.

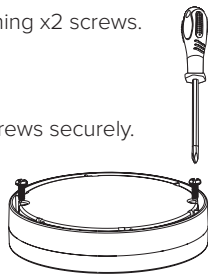
WARNING This product contains a replaceable (coin/button) battery. Batteries pose a risk to children and can cause injury. If the smoke alarm controller is damaged or the battery (back cover) compartment does not close securely, replace the controller and dispose of the defective controller. If you think a battery has been swallowed, seek medical attention immediately.

Do not ingest battery, Chemical Burn Hazard.

The remote control supplied with a coin/button cell battery.

If the coin/button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.

Keep new and used batteries away from children.



OPERATION MODES

TESTING MODE

1. Press the "TEST" button once with the red LED flashes once on the smoke alarm controller, indicating the smoke alarm controller is in testing mode. The smoke alarm controller will send signal for 7 seconds to all interlinked smoke alarms.
2. All interconnected smoke alarms will receive the signal and beep for about 7 seconds to complete the testing functionality.
3. Press the "SILENCE" button once with red LED flashes once to turn off the controller from "TESTING" mode.
4. If not, please repeat Step 1.



LOCATE MODE

In an event of fire, all the smoke alarms will alarm.

1. Press "LOCATE" button with red led flashes once on the smoke alarm controller.
2. After 5 seconds, the controller will silence all the smoke alarms except the one sensing fire.
3. If not, please repeat Step 1.



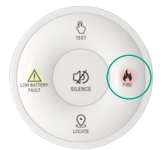
SILENCE MODE

1. Press the "SILENCE" button once with the red LED flashes once on the smoke alarm controller.
2. After 3 seconds, all interlinked smoke alarms will stop alarming for 8 minutes.
3. If not, please repeat Step 1.



ALARM INDICATOR MODE

When the smoke alarm is alarming, the red LED will flash twice to second.



LOW BATTERY INDICATOR MODE

When the smoke alarm controller battery is below 15% then the yellow LED will flash after every 8 seconds to inform the user to change the battery of smoke alarm controller.



WARRANTY INFORMATION

Emerald Alarms Pty Ltd warrants this smoke alarm to the original purchaser.

Emerald Alarms Pty Ltd warrants each new smoke alarm is free from defects in material and workmanship under normal use and service for a period of 7 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 Emerald Alarms 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.

Emerald Alarms Pty Ltd
ABN 50 632 601 453 2/29 Mitchell Rd Brookvale NSW 2100

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