



SMOKE ALARM CONTROLLER USER MANUAL

MODEL NUMBER: EP-SA-CONT-RF

Thank you for choosing and installing the smoke alarm controller. Please read the manual thoroughly to familiarise yourself with its functionality with the smoke alarms.

MODEL NUMBER:	EP-SA-CONT-RF
POWER SUPPLY:	CR2450
BATTERY LIFE TIME:	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

DESCRIPTION

The Smoke alarm controller is a wireless device that can easily be interconnected to RF Smoke Alarms and control them through an RF connection. The controller can be used to test the smoke alarms, silence the smoke alarms and locate to find the triggered smoke alarm in the premises, alarms and locate to find the triggered smoke alarm in the premises.



Australian State Based Smoke Alarm Regulations/Recommendations

NSW
fire.nsw.gov.au/page.php?id=80

QLD
www.qfes.qld.gov.au/community-safety/smokealarms

SA
mfs.sa.gov.au/site/community_safety/home_fire_and_life_safety_information_sheets_domestic/smoke_alarms_what_you_need_to_know.jsp

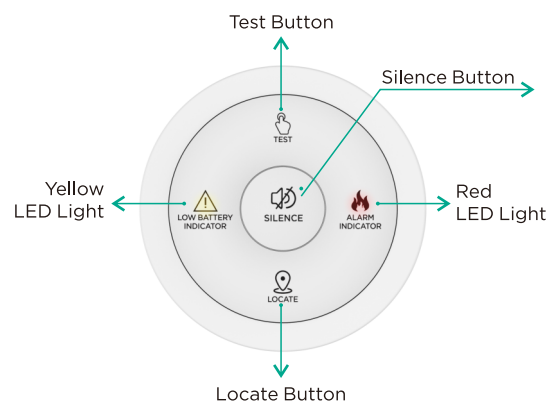
WA
dfes.wa.gov.au/safetyinformation/fire/fireinthehome/FireintheHomeManualsGuidelines/DFES_FireintheHome-SmokeAlarm-Legislative-Requirements-LAWS.pdf

TAS
tfseducation.com.au/resources/publications

ACT
esa.act.gov.au/community-information/home-fire-safety/smoke-alarms/

NT
<https://nt.gov.au/emergency/community-safety/fire-safety-at-home/smoke-alarms>

ALARM CONTROLLER FUNCTIONALITY



Test	Press the "TEST" button with red LED flashes once, all interlinked smoke alarms will beep for 7 seconds.
Locate	Press the "LOCATE" button with red LED flashes once, silence all smoke alarms except the one sensing fire.
Silence	Press the "SILENCE" button with red LED flashes once, all smoke alarms will be silenced for 8 minutes.
Alarm Indicator	When the smoke alarm is alarming while sensing fire, the red LED will flash twice in a second.
Low Battery Indicator	When the smoke alarm controller is running low on battery, the yellow LED will flash once every 9 seconds.

INSTALLATION

We suggest to mount the smoke alarm controller on the wall and should be installed about 1.4m above from floor level to ensure the best wireless transmission with the surrounding smoke alarms.



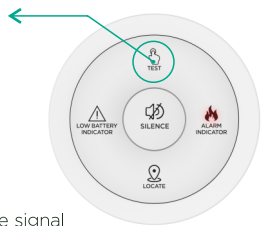
ACTIVATION

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 need to be activated the first time when you use it.

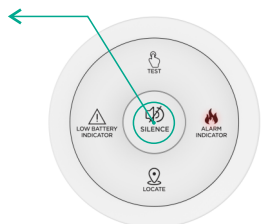
TESTING MODE

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 interlinked 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.



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.



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.



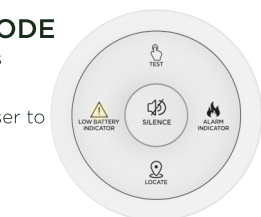
ALARM INDICATOR MODE

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 their batteries.



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 10 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.

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

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TROUBLE SHOOTING

Problem	General situation	Checks	Appropriate solution
No react when press test button	Press test button without red LED flashing	Checks the battery installation	Please check if the battery is installed correctly.
	Press the test button, the red LED flashes but not alarming	Checks the interconnection between smoke alarm and smoke alarm controller	Please clear the interconnection between the smoke alarm and smoke alarm controller. After that, please pair them again and test it.
		Checks alarms working status	Please see if the alarms are working correctly and have an RF installed.
		Checks whether the alarm is within the control range of smoke alarm controller, or whether there are metal parts, wires and other interference around	Change the position of smoke alarm
Yellow LED flashes	Yellow LED flashes once every 8 seconds		Please change the battery