

**Model Number: FSA-30000**

Thank you for purchasing the FSA-30000 smoke alarm with Wireless Interconnect function. Please take a few minute's to read this user's manual thoroughly.



## PRODUCT SPECIFICATIONS

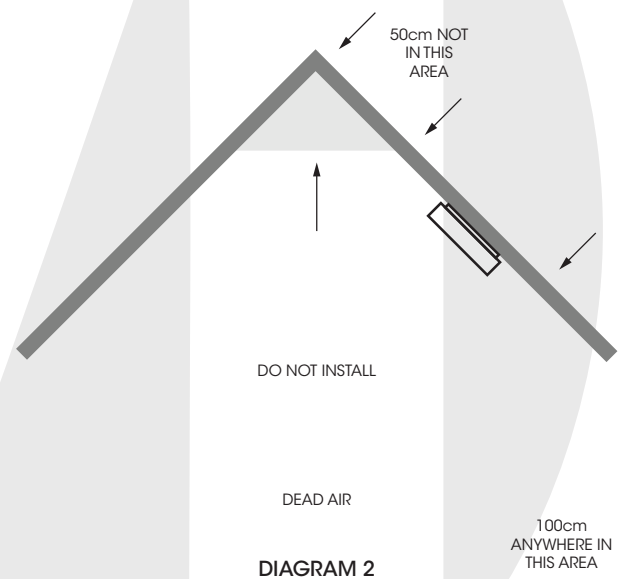
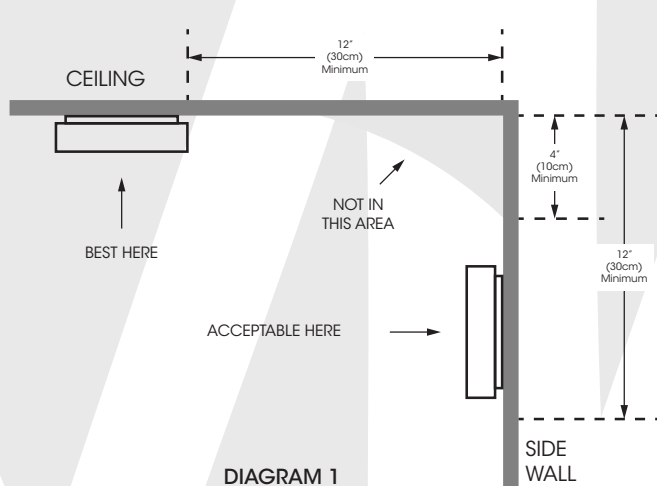
<b>Power:</b>	Built in 3VDC (CR17450) Lithium Battery (non-replaceable)
<b>Operational Current:</b>	<70mA
<b>Alarm Volume:</b>	>85dB(A) at 3m
<b>Smoke Sensitivity:</b>	0.090-0.15dB/m
<b>Inconnectibility:</b>	Up to 40 units
<b>Local alarm Sound Pattern:</b>	ISO 8201 . Alarm sounds for 0.5 seconds, red LED flashing, pattern repeated.
<b>Wireless alarm Soun Pattern:</b>	Alarms twice, pause 1 sec, red LED flashing, pattern repeated.

## DESCRIPTION

This unit is a photoelectric type smoke alarm, and conforms to AS3786:2014.

## SUGGESTED SMOKE ALARM LOCATIONS

1. Smoke alarms must be installed in accordance with local and national regulations. Please check your state fire department requirements prior to installation.
2. As a minimum, smoke alarms should be located between sleeping areas and potential sources of fire such as a kitchen, heater or basement. In single story homes with one sleeping area, an alarm should be installed in the hallway outside the room. In single story homes with two or more sleeping areas, a minimum one alarm for each area is required. In multilevel dwellings, an alarm should be installed outside and inside each sleeping area, in the basement, and on every level of the home.
3. Smoke alarms are best installed as close to the centre of the ceiling as possible. As a minimum, the alarms should be located *at least* 30cm from walls. If wall mounted, it should be *at least* 30cm from the ceiling. (Diagram 1.)
4. Larger rooms, in excess of 10m in length, should have multiple alarms installed.
5. For buildings with a peaked, or cathedral type ceiling, the alarm must be installed at least 50cm from the apex. (Diagram 2.)
6. Do not mount the alarm on an external wall of a mobile home, as they may be subjected to excessive heat.



## AVOID THESE LOCATIONS

1. Kitchens or garages
2. Any area subjected to relative humidity outside the range of 10%-93%, for example bathrooms
3. Any area where the temperature may fall below 0°C or exceed 40°C.
4. Within 1m of any heating or cooling vents
5. In any bug or insect infested area

## DEVELOP AN ESCAPE PLAN

As part of your plan, all family members should know and/or practice:

1. The two quickest ways out of each room
2. How to exit from upstairs, for homes with a second story. A rope or chain may be required.
3. An agreed upon meeting place outside, such as the letterbox
4. The sound of the smoke alarm and practice leaving your home when they hear it.
5. A fire drill at least every six months including drills at nights. Practice allows you to test your plan before an emergency. You may not be able to reach your children. It is important that they know what to do!

## WHAT TO DO IF THE ALARM SOUNDS

1. Alert any small children and elderly persons
2. Leave immediately by your plan of escape. Every second counts, so don't waste time getting dressed or picking up valuables.
3. In leaving, don't open any inside door without first feeling its surface. If hot, or if you see smoke seeping through cracks, don't open that door! Instead, use your alternate exit. If inside door is cool, place your shoulder against it, open it slightly and be ready to slam it shut if heat and smoke rush in.
4. Stay close to the floor if air is smoky. Breathe shallowly through a wet cloth if possible.
5. Once outside, go to your selected meeting place and make sure everyone is there.
6. Call the Fire Brigade on 000.
7. Don't return to your home until officials say that it is safe to do so. For further information on fire safety contact your local Fire Brigade.

## INSTALLATION

1. Refer to the location recommendations listed earlier
2. The unit comes with a drilling template for installation. Use this to mark the installation holes of the bracket.
3. Drill 5mm holes, and insert the two supplied plastic wall plugs
4. Attach the bracket to the wall plugs, using the supplied screws.
5. Carefully align the alarm with the bracket (see Diagram 3), and turn the alarm body clockwise. The unit will 'click' into the fully closed position.

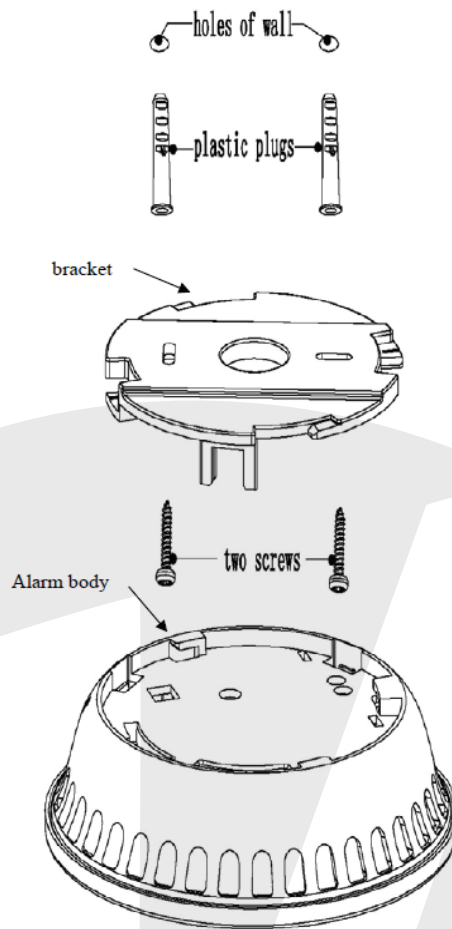


DIAGRAM 3

6. The unit is now fully operational. Press the button for 2 seconds to test. The alarm will sound 3 short beeps, then a 1.5 second pause, then repeat, until the button is released.

## LED INDICATOR

1. Under normal operation, the red LED will flash once every 40 seconds. This is a very faint flash, and only visible through the vents on the side of the alarm.
2. If low battery, or battery failure has been detected, the alarm will 'chirp' once every 40 seconds, with the red LED also flashing once every 40 seconds.
3. If the unit is running in 'silence' mode (see next section,) the red LED will flash once every 8 seconds.
4. **Note:** If the unit is chirping once every 40 seconds (low battery,) pressing the test button will pause the warning tone for 10 hours. The unit will operate normally, and alarm if smoke is detected. This gives time to source a new alarm, as the battery cannot be replaced.

## USING THE SILENCE FEATURE

1. If the alarm sounds, first ensure there is NO DANGER. Do not assume it is a false alarm. Carefully check all surrounds for the presence of smoke.
2. Once it has been determined there is no danger, press the button for 2 seconds. The alarm will enter 'silence' mode for approx. 10 minutes. The red LED will flash once every 8 seconds during this time.
3. After 10 minutes the alarm will resume normal operation. If the source of the nuisance alarm is still present (eg insects, burnt toast, etc) the alarm will sound again.
4. The 'silence' mode feature can be repeated as many times as necessary.

## ACTIVATING WIRELESS INTERCONNECT

1. Ensure all units are active and operational. To ensure alarm is active, press the button for 2 seconds and ensure the alarm sounds.
2. To activate the wireless interconnect mode, press the button 3 times within 2 seconds. An internal LED will emit blue light through the casing vents.
3. This Blue light confirms the detector has entered the 'Send Wireless Code' mode. This mode will remain active for 30 seconds.
4. While in this mode, interconnection with a second unit can be set up, by pressing the button on the second unit 3 times within 2 seconds. A Green LED (again viewable through the casing vents) on this second unit, will light up for 3 seconds to indicate successful pairing.
5. The 'Send Wireless Mode' reactivates for another 30 seconds, and the process can be repeated for all remaining units to be interconnected.
6. If 'Send wireless code mode' has timed out (Blue light is no longer shining), the mode can be reactivated by going through the set up steps indicated in point 2 above.

## TESTING WIRELESS INTERCONNECT

1. Once setup, all units MUST be tested for successful interconnect function to ensure they are successfully paired. Select any one unit and press the button for 2 seconds. The alarm will sound on that unit.
2. After a few seconds, all other interconnected alarms will enter the 'interconnect test' mode, upon which the interconnected units will sound for 10 seconds, followed by a flashing RED LED, visible through the front face of the unit. Flashing frequency will be twice per second, (with audible signal every second for only 10 seconds.) This will continue for 5 minutes after which all units will resume normal operation.
3. All alarms should be tested weekly to ensure correct operation.

## CLEARING THE INTERCONNECT CODE

1. This needs to be performed for each unit being disconnected from the paired network.
2. Remove the alarm from the bracket by twisting anti-clockwise.
3. Press and HOLD the button without releasing and .....
4. While pressing the button, reattach the alarm to the bracket. Continue pressing the button until the RED LED will lights up for 3 seconds and .....
5. ONLY AFTER the RED LED has turned off, release the button.
6. The RED LED will light up again for 3 seconds. DURING this time press the button once, and the RED LED will flash a few times, and then turn off.
7. The interconnect code is now cleared.
8. If for any reason the unit does not respond as indicated, restart the process from point 1.

## WARRANTY

- The FSA-30000 smoke alarm is warranted for a period of 5 years, to be free of defects in materials or workmanship, under normal use. In the event of a warranty issue, please contact MATELEC Australia via email, at [info@matelecaustralia.com.au](mailto:info@matelecaustralia.com.au). Please see the warranty card included with the smoke alarm package, for full details of the warranty.