

# USER GUIDE

**CAVIUS**  
**WIRELESS** )))  
ALARM FAMILY



## HEAT ALARM

Thermal Mains powered heat alarm device  
Commercial reference: 3202-008  
Developed by CAVIUS

This Thermal Heat Alarm is designed for areas not suitable for smoke alarms due to high risk of false alarms such as; kitchens, garages or workshops.

**PLEASE READ THE USER GUIDE CAREFULLY BEFORE INSTALLATION AND RETAIN FOR FUTURE USE.**

The maximum number of alarms that can be interlinked within a house group are 32.

**Please note:** These must be alarms from the CAVIUS **WIRELESS** )))  
ALARM FAMILY

### SAFETY INSTRUCTIONS:

The device comes with a 3V lithium battery. Batteries are to be handled with care and battery powered devices should be kept out of reach of children. Do not try to recharge or burn the batteries.

#### 1. TEST FUNCTION:

After installation, and at least once per quarter, test all of your alarms to ensure they are operating correctly and are within range of each other. It is recommended to check visually every week if the LED flashes correctly (every 48sec.)

**Press the test button on any alarm for 2 sweeps of alarm signal 1 (--- ---) - Please refer to section 2. This will send out a test signal from the alarm; all other connected alarms should receive the signal within a short time. The alarms will emit a short beep and the LED will flash every 8 seconds for 2 minutes.**

**NOTE:** Test function also allows to send a depleted RF signal to ensure an optimal operation in normal conditions.

When the test signal is sent out, the alarms will respond in two ways:

1. A single beep every 8 seconds indicates that the alarms are connected and functioning.

2. Three short beeps every 8 seconds indicates a heat sensor fault. If required this indication can be stopped early on each alarm by a short press of the test button. If the problem continues, please visit [www.cavius.com](http://www.cavius.com) for any trouble shooting.

#### 2. NORMAL MODE:

The green LED is on when the alarm is connected to mains power. It may take up to 1 minute to indicate that mains power has been connected. In Normal mode, red LED will flash every 48 seconds, to show correct operations

#### 3. ALARM MODE:

When a rapid and constant change of temperature is detected, the heat alarm will go into 'Alarm Mode'. It will

sound the alarm signal and the LED will flash.

The heat alarm will also transmit the alarm signal to the other connected alarms, which will also sound the alarm signal after a short delay.

The CAVIUS Wireless Family have two different alarm signals:

**Alarm signal 1** (--- ---) is life threatening alarms.

**Alarm signal 2** (- - -) is a non life threatening alarm.

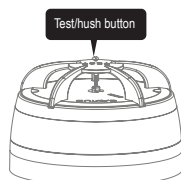
Smoke alarm signal: --- ---

Heat alarm signal: --- ---

*Please note that only the originating alarm's LED will flash, so it can be identified.*

#### 4. PAUSE/HUSH FUNCTION:

If the heat alarms are to set into a false alarm by cooking, fireplace, etc. they can be paused for 10 minutes by pressing the test button on the originating heat alarm only (indicated by the flashing LED).



**NOTE:** The reason of this is that it is necessary to locate the source of the alarm before using the hush function. This is to make sure that it is not a life threatening situation.

#### 5. LOW BATTERY SIGNAL:

Your product has a battery back-up with a 1 year life (without mains power). And 10 years normal life with mains power.

When the battery is starting its end of life, a short beep will sound out every 48 seconds for 30 days.

Only the alarm, effected by the low battery, will sound. The alarm will NOT forget the connection code during battery change process.

It is safe to change batteries in the alarms without going through the learn process again – they will not forget the codes during the battery change process.

#### 6. BATTERY REPLACEMENT:

The battery is not designed to be replaced.

#### 7. TROUBLE SHOOTING:

please visit [www.cavius.com](http://www.cavius.com) for any trouble shooting.

#### 8. OTHER INFORMATION:

Do not paint the alarm.

Disposal: Battery not replaceable. Please dispose properly at the end of life. This is electronic waste which should be recycled.

The heat alarm is not suitable for use as a fire safety device unless it is part of a planned fire safety system, i.e. when interconnected to one or more smoke alarm(s).

Complies to the Radio Equipment Directive 2014/53/EU

RF Frequency: 868 MHz.

Maximum radio-frequency power transmitted: 20 dBm

Full DoC to 2014/53/EU (RED) can be downloaded at [www.cavius.com](http://www.cavius.com)

**WARNING:** All alarms should be assumed as due to actual fire and the dwelling should be evacuated immediately.

**WARNING:** To prevent injury, this apparatus must be securely attached to the ceiling/wall in accordance with the installation instructions.

**WARNING:** Batteries shall not be exposed to excessive heat such as shine, fire, or the like.

**⚠ WARNING:** This is a mains powered unit and can be hazardous to install. We recommend that the installation, together with any associated supply and interconnecting wiring, is only to be done by a professional in accordance with BS 7671.

Note the local country regulations regarding installation.

Screw torque	3-5 KGfCM
Recommended screw tip	PZ2, Flat 1.0x6 mm
Recommended wire range	16-10 AWG 1.3-5.0 mm <sup>2</sup>
Strip length	5-6 mm

The CE mark affixed to the product confirms compliance with all relevant European directives and harmonized requirements in the EN14604 standard and Construction Products Regulation (CPR) 305/2011 along with the Radio Equipment Directive (RED) 2014/53/EU for all wireless family products.



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