

# CAVIUS

## WIRELESS

### ALARM FAMILY

# SMART

## REMOTE

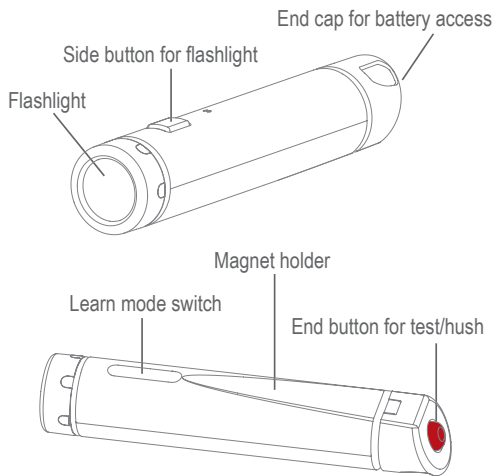


Commercial reference: 9001-003  
Developed by CAVIUS

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

#### General description:

The Smart Remote is designed to alert with a rapid flashing warning light when alarming and to remotely control the CAVIUS Wireless Alarm Family. The torch function can be used to find escape routes at night.



#### Technical information:

The Smart Remote can be used with the alarms from the CAVIUS Wireless Alarm Family: Smoke, Heat, Flood, CO and Mains Power alarms. The maximum number of alarms that can be interlinked with is 32. The minimum range is 100m in open field. RF conditions also depend on the house layout and materials. You should always test it after installation and after changing batteries.

Diameter: 27mm Length: 140mm

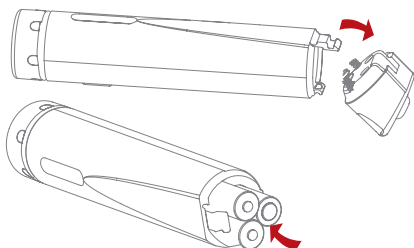
The Smart Remote is powered by 3 replaceable DURACELL AAA Alkaline batteries. Please note that correct operation of the Smart Remote device is ensured by use of DURACELL batteries.

Interlinked by RF: 868 MHz.

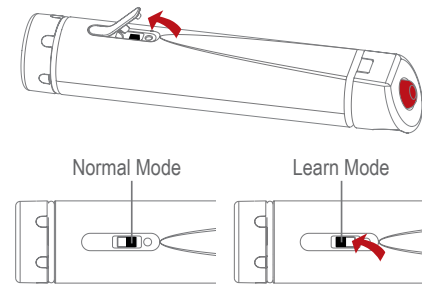
Complies to standards: RoHS, REACH, R&TTE, EN60065, EN300-220.

#### How to connect to the Wireless Alarm Family:

**1.** Open the battery compartment by pressing the snap. Insert the batteries in the battery compartment respecting polarities.



**2.** Slide the learn switch to the "Learn mode" position. The Smart Remote will go into Learn mode. All alarms that need to be connected to the Smart Remote in the house should be put into "Learn mode" by sliding the switch of each device on the "Learn mode" position.

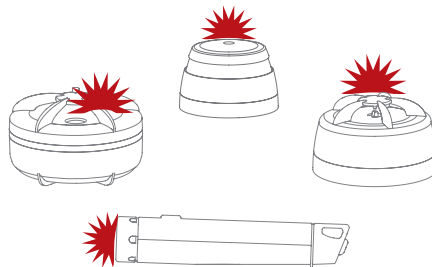


**3.** The flashlight will light up to indicate that "Learn mode" has been selected.

**Please note:** Do not take out the batteries during "Learn mode" as this will interrupt the learn process.

**4.** Press and hold the test button of the Smart Remote only, until it beeps and the flashlight flashes. It will become the master and will start sending out a specific house code to the other alarms.

**5.** As the other alarms receive the specific house code, they will also start flashing their red LED's.



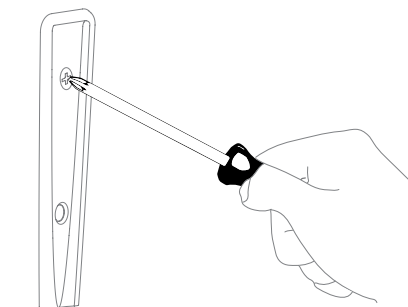
**6.** When all alarms flash the red LED, they are connected and can be switched out of "Learn mode" and installed.

#### Installation:

The body of the Smart Remote has a built-in magnet, so it can be installed on a metal plate mounted on the wall, or on a fridge or other metal surfaces.

The accompanying metal plate can be installed by the double sided tape or the enclosed screw set.

The end cap has a hole in which a lanyard can be added so the remote can hang from a hook etc.



#### Test of alarms:

After installation, and at least once per quarter, test all your alarms by pressing the test button on the remote 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 on the alarm (every 48sec.).

The Smart Remote can activate the RF test function of the alarms by sending out the a test signal by pressing the button at the end for two sound sweeps of alarm signal 1 (--- ---) for about 7 sec. The Smart Remote will flash/beep every 8 seconds for 120 seconds to indicate that the test signal is being transmitted. If the Smart Remote is receiving a test signal from another device, it will flash/beep every 8 seconds for 120 seconds to indicate that it is part of the group. Indication can be stopped by pressing the end button.

**Please note:** To ensure an optimal operation in normal conditions, test function sends out a reduced power RF signal.

#### Alarm mode:

When one of the connected alarms is going into alarm and sending out the RF alarm signal, the Smart Remote's flashlight will start flashing rapidly (stroboscopic).

The Smart Remote also has a built in vibrator which will follow the sound pattern of the sounder. During alarm the vibrator will vibrate.

The torch can be switched from stroboscopic flashing to constant on by pressing the side button.

**Please note:** Flashlight will flash at 2 Hertz (2 times each second) to avoid photo sensitive epilepsy to be triggered.

The CAVIUS Wireless Family has two different alarm signals:

**Alarm signal 1** (--- ---) is life threatening alarms, like a smoke alarm.

**Alarm signal 2** (- - -) is a non life threatening alarm, like a flooding alarm:

Smoke alarm signal: --- ---

Heat alarm signal: --- ---

Flood alarm signal: - - -

CO alarm low level signal: - - -

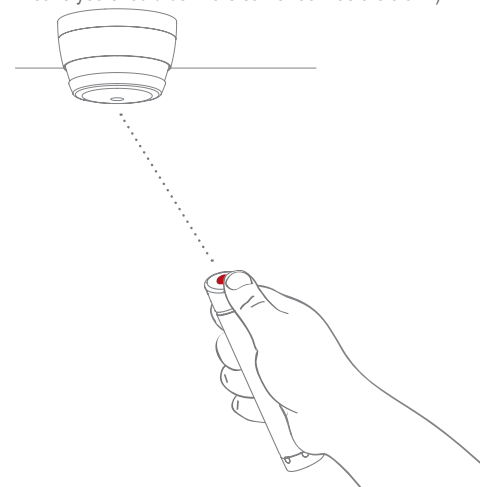
CO alarm high level signal: --- ---

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

#### Alarm silence:

When the alarms from the Wireless Alarm Family go into alarm, they can be silenced by pressing end button of the Smart Remote.

**Please note:** Due to coming legislation, the hush signal is transmitted with reduced power (the remote must be within short range from the silenced alarm, which means you should be in the same room as the alarm).



You can silence any of your alarms in the system, as long as you are in the same room and within short range of the alarm.

When you silence the source of the alarm, the alarm that originally went into alarm with flashing red LED, all the other devices will be silenced too.

If you silence an alarm other than the source of the alarm, the remaining alarms will still sound. The Smart Remote can only stop the alarmed device after 30 seconds in alarm stage. This will be indicated by a short flash. The reason for that is to make sure you have identified the source of the fire before using the hush function.

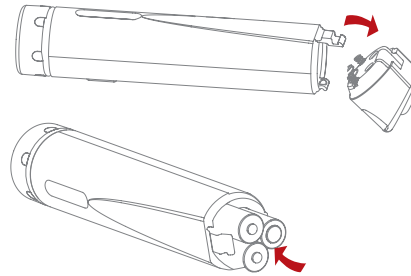
**Please note:** the Smart Remote can't receive while sending.

**Flashlight:** The flashlight can be activated by pressing the side button. By pressing again you turn off the light.

**Please note:** The light will go out automatically after 5 minutes.

**Low battery signal:** When the battery is starting its end of life, a short beep will sound out every 48 seconds for 30 days. Only the device affected by the low battery will beep, no other connected devices will sound. It is safe to change batteries in the Smart Remote without going through the learn process again – it will not forget the codes during the battery change process.

**Batteries replacement:** You can access the 3 x AAA batteries by removing the end cap. Replace the batteries respecting polarities. Always test the Smart Remote after battery replacement.



**Maintenance & troubleshooting:** If the Smart Remote does not work when the test/Hush button is pushed, the probable cause is faulty batteries which must be replaced. Please refer to troubleshooting at [www.cavius.com](http://www.cavius.com).



The CE mark affixed to this product confirms its compliance with the European Directives which apply to the product.

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