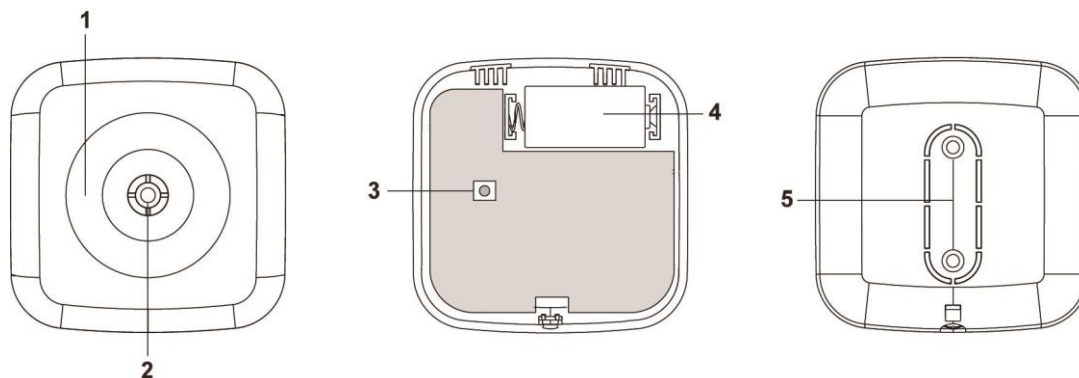


Fire Alarm Audio Detector (SAMS-1)

The Audio Detector is designed to be used with any smoke detector compliant with UL 985 standard. The Audio Detector detects alarm sound raised by the smoke detector and transmits wireless alarm signal to notify Climax security system control panel upon detection.



● **Parts Identification**

1 **Red Indicator (Inside)**

The LED indicators are inside the front cover and only visible when activated.

- Briefly On: Transmitting signal.
- Continuous quick flash: Alarming
- Flashes every 4 seconds: Battery Exhausted.

2 **Microphone**

3 **Learn / Test Button**

- Press the button once to send a learn code.

4 **Battery Compartment**

5 **Wall Mounting Knockouts**

● **Supervision Function**

When the Audio Detector is in normal operation, it will transmit a supervision signal regularly every 30~50 minutes.

● **Battery**

The Audio Detector uses a 3V CR123A Lithium battery.

The Audio Detector can detect low battery voltage. When low battery voltage is detected, a low battery signal will be sent to the Control Panel along with regular signal transmissions for the Control Panel to display the status accordingly. When the battery is exhausted, the device will stop all function and the LED will flash every 4 seconds to indicate.

When changing battery, press the learn/test button a couple times to discharge after removing battery before inserting a new one.

● **Getting Started**

- 1 Insert the battery to power on the device.
- 2 Put the Control Panel into learning mode, refer to panel manual for detail.
- 3 Press the Learn/Test button once to transmit learn code to panel.
- 4 Refer to panel manual to complete learning process.

Note: When learnt into the alarm system, the Audio Detector is recognized as a Smoke Detector in the system.

- **Alarm Detection and Restore**

- The Audio Detector recognizes alarm sound pattern raised by UL certified Smoke Detector. When activated, the Audio Detector will transmit alarm signal to notify the Control Panel of smoke detection. The LED indicator will flash rapidly.
- When the alarm sound from Smoke Detector has stopped, the Audio Detector will check alarm for 12 seconds.
 - If the alarm sounds again within the 12-second period, the Audio Detector will not perform any action.
 - If the alarm does not sound again within the 12 second period, the Audio Detector will wait for another 160 seconds. If 160 seconds passes without any alarm, the Audio detector will transmit an alarm restore signal
 - If the alarm sounds again after the 12-second period, the Audio Detector will resend alarm signal.

- **Installation**

The Audio Detector should be mounted on ceiling or wall. The Detector back cover has mounting knockouts which can be broken for screw mounting. Alternatively, you may also mount the detector with double side adhesive tape provided.

The Audio Detector should be mounted within **15 cm** of the Smoke Detector

Screw Mounting

- 1 Break through the knockouts on back cover and use them as template to mark position on wall/ceiling.
- 2 Drill holes at marked location and screw the back cover onto the wall/ceiling, insert wall plug if needed.
- 3 Replace the Detector main body onto the back cover. Make sure the cover is properly closed and the device is fixed to the wall tightly.

Adhesive Tape Mounting

When using provided double side adhesive tape, make sure to install the detector on flat surface. Do not install on uneven surface or location with cracking paints.

- 1 Clean both the detector back cover and mounting location with suitable degreaser.
- 2 Apply the double side adhesive tape to back cover of detector, then apply to mounting location.