



## SERENE CA-AX Wireless Audio Sensor User Manual

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### CA-AX Wireless Audio Sensor User Manual



Thank you for purchasing this product, please read it before use (Keep this manual for future reference)

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## CA-AX Wireless Audio Sensor

Model CA-AX is an optional accessory for CentralAlert™ Wireless Notification System. It is a wireless audio sensor for monitoring alarm sounds. Any loud alarm sound of 15 seconds or longer triggers Model CA-AX. Upon triggering, it sends a wireless signal to activate a CentralAlert™ Master Unit and any receiver units in the system. Model CA-AX can detect alarm sounds used in smoke detectors (T3: beep-beep-beep-pause; in carbon monoxide detectors (T4: beep-beep-beep-beep-long pause), and various continuous sounds. The trigger time will range from 6 to 15 seconds depending on the sounds detected.

Model CA-AX is designed to transmit a “Battery OK” signal every 2 hours to the CentralAlert Master Unit. During normal operations, its transmit indicator blinks once every 15 seconds. When it has detected a low battery condition, its transmit indicator will blink once every 3 seconds. Note: The new CA-AXv2 will transmit a low battery signal to the CentralAlert Master Unit once every 30 minutes.

Note: Please replace the batteries in the CA-AX immediately when the above low battery indication has been observed. Install batteries:

1. Install (2) AA-size alkaline batteries (user provided) and then turn on their power.
2. Verify that the (red) “TRANSMIT” indicator blinks when the “TEST” button is pressed

### Registering Model CA-AX:

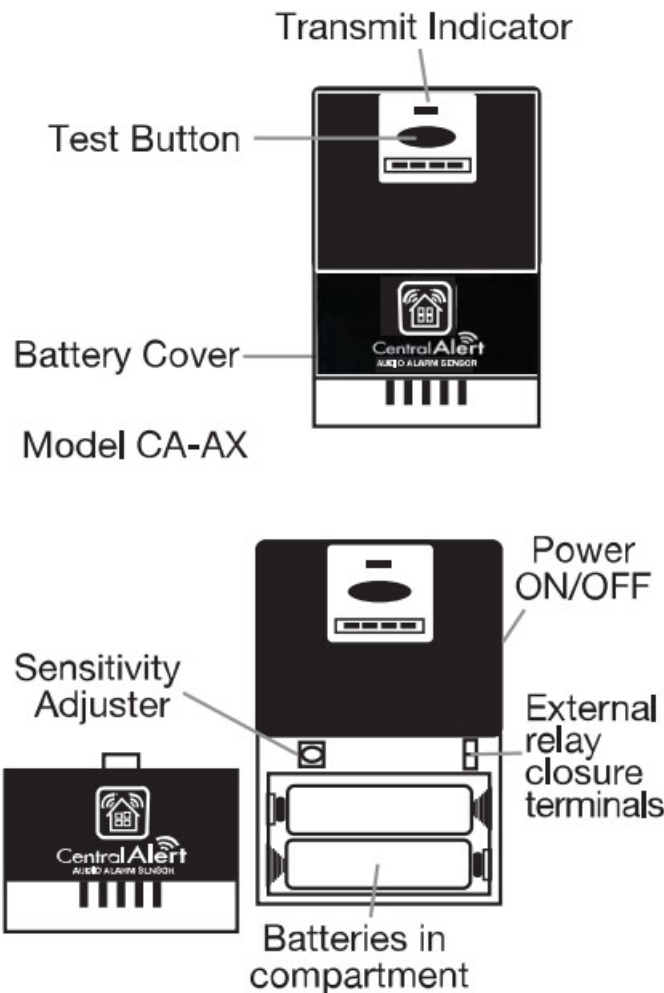
This optional accessory must be learned by a Master Unit in order to work within the system.

1. Press and hold the “SOS/Test ” button on the Master Unit for about 6 seconds to set it to Learn mode, and the digital display shows “LEAr.” (Time SET button must be in RUN position)
2. Press and hold the Model CA-AX “TEST” button for about 5 seconds until the Master Unit beeps twice. (Speaker must be ON)
3. Registration is now complete. Press the “SNOOZE / RESET” button on the Master Unit to end the Learn mode.

### Installation & Test:

1. Place Model CA-AX so that its microphone port is pointing toward an audio CentralAlert™ device or a smoke detector (about 2 inches away).
2. Secure Model CA-AX next to the detector with two screws in its mounting holes.
3. During normal operation, its transmit indicator blinks once every 15 seconds.
4. To test, push and hold the Test button on your audio alarm device so it beeps for about 15 seconds continuously. Verify that CentralAlert™ alerting outputs are activated in response.

**Note:** Test the unit weekly by pushing the smoke detector button for 15 seconds.



### Specifications:

1. Advanced technology: 2.4GHz SmartCode
2. Sound Detect Activation time: 6-15 seconds
3. Operating range: Up to 200ft. open space-actual distance may vary according to house construction.
4. Up to 10 Model CA-AX can be supported by a CentralAlert™ Master Unit.
5. Battery type: (2) AA-size alkaline batteries
6. Battery life: up to 10 months
7. Operating temperature: +10'to 40°C
8. Size: 2.5"x3.8"x1" (64x96x23mm)


### Notes:

1. To adjust the CA-AX sensitivity, use a small flat-head screwdriver and rotate the Sensitivity Adjuster in a clockwise direction to increase its sensitivity. To prevent false triggering from noisy surroundings, turn counterclockwise to decrease sensitivity.
2. "External relay closure terminals" are for special applications where an external relay contact closure signal is available. A momentary short across these two terminals immediately triggers a wireless transmission.
3. Model CA-AX sends a "Battery OK" signal to the Master Unit every 2 hours. If two consecutive "Battery OK" signals are not received, the Master Unit will flash a "bAtt" warning message and a unit number. Please change batteries immediately in the CA-AX unit(s).

4. Press and hold the “SNOOZE/REST” button on the CentralAlert- Master Unit for 2 seconds to temporarily reset the “bAtt” warning message. The display will show “STOP” momentarily. The CA-AX low battery signal will continue sending every 30 minutes until new batteries are installed.

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## **Documents / Resources**

	<p><b><a href="#">SERENE CA-AX Wireless Audio Sensor</a></b> [pdf] User Manual CA-AX Wireless Audio Sensor, CA-AX, Wireless Audio Sensor, Audio Sensor, Sensor</p>
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