

CAUTION

Smoke detectors are not to be used with detector guards unless the combination has been evaluated and found suitable for that purpose.

WHAT TO DO IN CASE OF FIRE

1. **DON'T PANIC** — escape may depend on clear thinking.
2. Get out of the house following the planned escape routes, if possible. Do not stop to dress or to collect anything.
3. Open doors carefully only after feeling them to see if they are hot. If a door is hot, do not open it— follow an alternate escape route.
4. Keep close to the floor — smoke and hot gases rise. Breathe through a cloth (wet, if possible) and take short shallow breaths.
5. Keep doors and windows closed unless it is necessary to open them for escape.
6. Meet at your meeting place after leaving your home.
7. Call the local fire department as soon as possible from outside the home.
8. Never re-enter a burning building.

For more information about fire safety, contact your local fire department. They can supply more detailed information about making your home as free from fire hazards as possible and about planning for escape in case of fire.

MOUNTING

First, determine the best location for the smoke detector; a location that provides strong wireless transmission paths and proper smoke detection. **A GOOD TRANSMISSION PATH MUST BE ESTABLISHED FROM THE PROPOSED MOUNTING LOCATION BEFORE PERMANENTLY INSTALLING THE DETECTOR.** To check, perform the test described in the TESTING TRANSMITTER SIGNAL section of this manual. To mount the detector:

1. Once a suitable location has been determined, install the mounting bracket on the ceiling or on the wall (if local ordinances permit). Use the two screws and anchors provided.
2. Prior to mounting the detector to the mounting bracket, the system must "enroll" the detector's ID. See the PROGRAMMING section for the steps to follow.
3. Turn the detector in a clockwise direction in the mounting bracket until it clicks into place.
4. Test the detector immediately after completing the installation (as described in the TESTING section of this manual) and refer to the control system's instructions for additional information concerning the use of wireless smoke detectors.

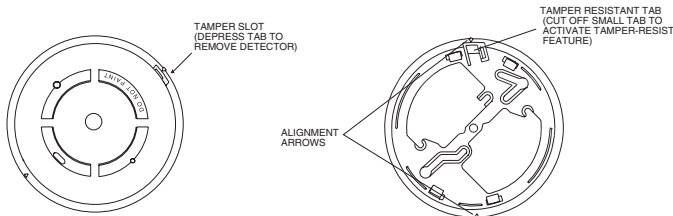


Figure 2. Detector Mounting Bracket

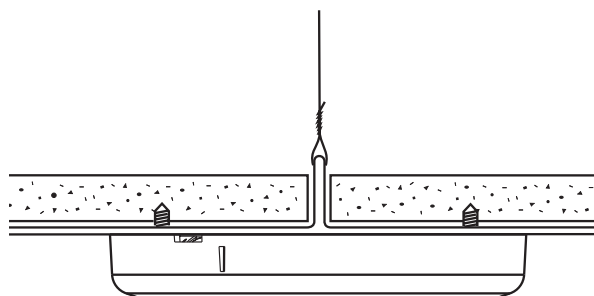


Figure 3. Mount Detector Across Ceiling Panel Support

CAUTION

DO NOT attach the detector to removable ceiling panels. Attach the detector across panel support as shown in Figure 3.

TAMPER PROTECTION

This detector has a built-in tamper switch that will cause a CHECK signal to be displayed at the console of the detector if it is removed from its installation bracket. The mounting bracket can also be made tamperproof by breaking off the smaller tab at the scribed line (see Figure 2), thus preventing removal of the detector without a tool. To remove the detector, use a small screwdriver to depress the tamperproof tab and turn the detector counterclockwise.

TESTING

NOTE: Before testing, notify the proper authorities that the smoke detector system is undergoing maintenance and will temporarily be out of service. Disable the zone or system undergoing maintenance to prevent unwanted alarms.

Detectors must be tested after installation and following periodic maintenance. The 5808LST may be tested as follows:

A. TEST SWITCH

1. A recessed test switch is located on the detector housing.
2. Push and hold the recessed test switch for a **minimum of 5 seconds**. Use a small screwdriver or allen key maximum diameter of .18" (The alarm panel will trigger and then the smoke detector will go into alarm. If the tool is removed from the recessed switch the sounder will shut off.)
3. The LED on the detector should blink once per second and the horn should sound within 3 seconds.

B. SMOKE ENTRY TEST

Hold a smoldering punk stick or cotton wick at the side of the detector and gently blow smoke through the detector until the unit alarms.

C. DIRECT HEAT METHOD (Hair dryer of 1000-1500 watts)

Direct the heat toward either side thermistor. Be sure to hold the heat source about 12 inches from the detector to avoid damage to the plastic. The detector will reset only after it has time to cool.

Smoke detection testing is recommended for verifying system protection capability.

A detector that fails to activate with any of these tests should first be cleaned as outlined in this manual's MAINTENANCE section. If the detector still fails to activate, return for repair.

Notify the proper authorities that the system is back on line.

TESTING TRANSMITTER SIGNAL

NOTE: Remove battery tab before installation.

This test should be performed before installation to determine a strong communication path with the control panel and after installation is complete. Also, the owner/user should test the unit at least weekly.

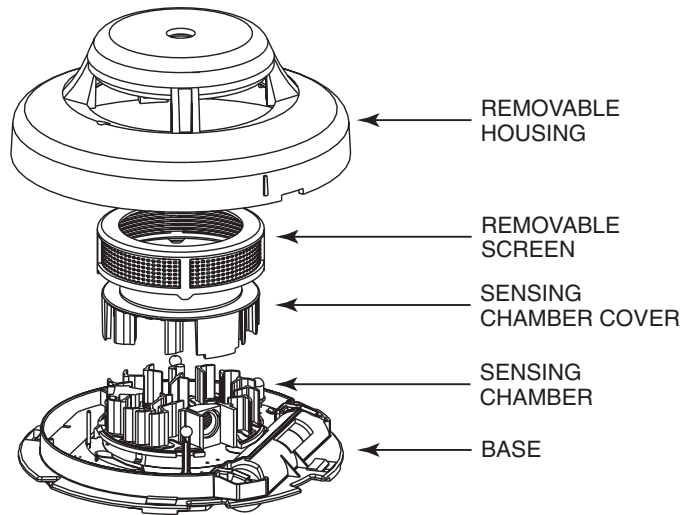
1. Activate the wireless system's TEST mode from the console.
2. Depress and hold the smoke detector's TEST switch and the detector should immediately transmit an alarm signal to the control panel. The built-in horn will start to sound about 2.5 seconds after depressing the button.
3. The wireless system's console should emit at least 3 audible sounds when the alarm transmission is received and will display the transmitting detector's ID number.
4. When the console has received the test signal, release the TEST switch. The horn will immediately stop and a few seconds later the detector's ID number will clear from the console display.
5. If the console does not respond as noted, check the polarity of the batteries and be sure they are fresh. If this is an initial installation, try moving the detector to another location that provides proper reception. Also be sure that the detector's ID has been "enrolled" by the control panel (see PROGRAMMING). Then, repeat the test.
6. Turn off the system's TEST mode from the console (security code + OFF).

MAINTENANCE

NOTE: Before removing the detector, notify the proper authorities that the smoke detector system is undergoing maintenance and will be temporarily out of service. Disable the zone or system undergoing maintenance to prevent unwanted alarms.

NOTE: Before removing the detector cover, note the position of the thermistors. Make sure the thermistors are not bent over when the housing is replaced.

1. Remove the detector housing by gently prying the four housing tabs on the bottom of the base with a small-bladed screwdriver and pull the housing from the base. Use caution to avoid damaging the thermistors.
2. Vacuum the screen carefully without removing it.
3. Remove screen assembly, pulling straight out (please see Figure 4).
4. Remove the sensing chamber cover.
5. Clean the sensing chamber by vacuuming or blowing out dust and particles.
6. Replace the sensing chamber cover, aligning the arrow on the cover top with the arrow on the printed circuit board.
7. Replace the screen by placing the screen assembly over the sensing chamber cover and twisting until it snaps into place.
8. Replace the housing by aligning the two triangular slots on the base with their counterparts on the housing. Gently press the housing until it locks in place. Check to make sure that the thermistors are in the upright position.
9. Reinstall the detector.
10. Notify the proper authorities that the system is back in operation.



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Figure 4. Removal of Cover and Screen for Cleaning

Please refer to insert for the Limitations of Fire Alarm Systems

ed after being in service for 10 years. However, any smoke detector, fire alarm equipment, or any component of that system which d or replaced as soon as possible. Batteries shall be replaced upon indication of a pre-low battery condition.

LIMITED WARRANTY

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USER CAUTION: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC ID: CFS8DL5808AP
FCC PART 15 STATEMENT

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation