

What causes intermittent beeping or chirping?

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NOTE: Several things could be causing your alarm(s) to alarm briefly or Chirp randomly without a regular pattern. Verify how your alarm is chirping or sounding by referring to the following:

- Consistently at regular time intervals
- Randomly without a regular pattern

**If your alarm is chirping or sounding randomly, change the battery to see if it fixes the problem.*

Loose, or Improperly Installed Battery

Refer to the following checklist and determine if one of these conditions might be the cause of your problem:

- Verify that a battery of the recommended type is securely installed.
- Make sure to use a battery with a use-by date no later than four to five years in the future.
- Check that the battery is snapped in completely so it cannot be shaken loose. NOTE: It is possible that battery connections may not be making good contact with the battery. Disconnecting and re-connecting the battery once or twice will likely fix this condition.
- On units with a front-load battery, be sure that the battery compartment door is closed completely as well. NOTE: Loose white neutral wire can cause an echoing chirp from one unit to the next.

Smoke Alarm Sensing Chamber May be Dirty

NOTE: Dust and insects can collect in the sensing chamber of the alarm. An accumulation of dust in the sensing chamber can cause the unit to chirp. It is good practice to clean the smoke alarm when you change the battery. Static electricity from the ac quick connector attracts dust and can cause false alarms. To clean your smoke alarm, perform the following steps:

1. Remove your alarm from the mounting bracket as outlined in How to Remove Your Smoke Alarm.
2. Clean the interior of your alarm (sensing chamber) by using compressed air or a vacuum cleaner hose and blowing or vacuuming through the openings around the perimeter of the alarm.
3. Clean the outside of the alarm by wiping it down with a damp cloth.
4. After cleaning, reinstall your alarm, verify the green LED is on and test your alarm by using the Test button. NOTE: If cleaning does not restore the alarm to normal operation, the alarm should be replaced.

Environmental Conditions

Refer to the following environmental conditions for possible solutions to an alarm's random chirping:

- Humidity, steam and condensation

NOTE: Causes of condensation are:

- Extreme temperatures changes.
- High ambient humidity.
- Unit being installed in an insulated electrical box mounted on a ceiling beneath an attic.

NOTE: If this condition exists you will want to move the alarm. View the correct alarm placement in your user's manual.

- Excess airflow. Check to see if there is a cooling/heating register, a ceiling fan or an open window within 3 feet of the alarm. If there is, move the alarm away from the source of the increased airflow. NOTE: View the correct alarm placement in your user's manual.
- Temperature
- Check the temperature of the room. Smoke alarms operate at 40 degrees to 95 degrees Fahrenheit. Carbon monoxide alarms operate at 40 degrees to 100 degrees Fahrenheit.