

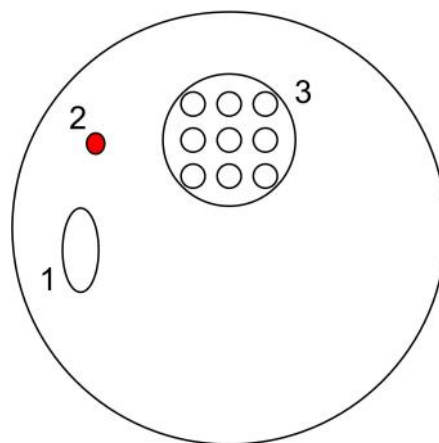


# ***Inner Security Systems, Inc.***

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## **Smoke Detector Operation**

1204 Smoke Alarm



- 1 - Test/Silence Button
- 2 - Indicator LED
- 3 - Sounder

**OPERATION:** The smoke alarm is operating once the power is connected and turned on (the battery must also be installed). When products of combustion are sensed, the unit sounds a loud alarm which continues until the air is cleared.

This alarm incorporates the internationally recognized horn signal for evacuation. During alarm mode, the horn produces three short beeps followed by a two second pause and then repeats.

**STANDBY CONDITION:** The Indicating LED is green whenever AC power is turned on. The Indicating LED flashes red once every 40-60 seconds to indicate the unit is properly functioning.

**LOCAL ALARM CONDITION:** The Indicating LED flashes red rapidly and the unit emits a loud, pulsating alarm sound.

**TESTING:** Test by pushing the **Test/Silence** button on the smoke alarm cover until the alarm sounds, then release. The alarm sounds if all electronic circuitry, horn and battery are working. The alarm may continue to sound for up to 10 seconds after the button is released. If no alarm sounds, the unit may have a defective battery or other failure.  
**Test the smoke alarm weekly to assure proper operation.**

**FALSE ALARMS "SILENCE" CONTROL:** The 1204 smoke alarm has the capability of temporarily reducing the sensitivity of the alarm circuit for approximately 3-5 minutes. This feature is to be used only when a known alarm condition such as smoke from cooking activates the smoke alarm. The smoke alarm is deactivated by pushing the **Test/Silence** button on the smoke alarm cover for at least three seconds. The smoke alarm will automatically reduce sensitivity and "beep" every 30-40 seconds for approximately 3-5 minutes to indicate the alarm is in the temporary silent condition. The smoke alarm will gradually reactivate and sound the alarm if particles of combustion are still present.

The "silence" feature may be used repeatedly until the air has cleared.

**Caution!** Before using the alarm "silence" feature, identify the source of smoke and be certain that safe conditions exist.

## **BACKUP BATTERY REPLACEMENT:**

**Warning!** Disconnect AC power before changing battery.

The smoke alarm uses a 9 Volt battery. It is recommended that the smoke alarm battery be replaced twice per year. The rule of thumb is to change your smoke alarm battery when changing your clocks to and from daylight savings time. The smoke alarm has a low battery indicator, an audible "beep." It will operate at 30-40 second intervals for a minimum of 7 days. When this indication occurs, replace the battery with an Alkaline type Eveready Energizer #522, Duracell #MN1604, Carbon-Zinc type (Gold Peak #1604P, Eveready #216).

To replace the battery, remove the smoke alarm from the base by turning it counter-clockwise. The battery compartment is located on the inside of the smoke alarm. Push and lift the battery door latch and remove the battery from the battery door. While observing polarity, push the replacement battery into the battery door until it is held securely in place. Carefully close and latch the battery door. Reconnect the AC power to the detector.

## **Notes:**

1. The low battery indicator may beep at 30 – 40 second intervals for 3-5 minutes after battery replacement.
2. The **Test/Silence** button will not silence the low battery indicator beep.
3. The smoke alarm will not work without live power connected to it. If the smoke alarm must be removed from the electrical wiring in your home, please contact a qualified electrician to perform this service.

**Warning!** Failure to turn off the power before service may result in serious electrical shock, injury or death.