Smoke Alarm with 520Hz Base GS565 User Manual

Thank you for purchasing our smoke alarm. Please take a few minutes to read the user’s manual thoroughly and familiarize yourself with the alarm and its operation. And save it for future reference.

Product Specifications

- **Smoke Alarm** built-in 12V@2A Li-ion battery (battery not replaceable, up to 10 years life time)
- **520Hz Base** built-in 12V@2A Panasonic CR-A2G2C5/2 Li-ion battery (battery not replaceable, up to 10 years life time)
- **Smoke Alarm OPERATION CURRENT**: 80uA (standby), 50mA (alarm)
- **520Hz Base OPERATION CURRENT**: 2uA (standby), 50mA (alarm)
- **Smoke Alarm VOLUME**: 85 dB (A) at 3 meters (2.3-5.5KHz)
- **520Hz Base VOLUME**: 84 dB (A) at 3 meters(520Hz)
- **ALARM SENSITIVITY**: 2.07 2.87KHz / 0.85
- **SILENCE TIME**: approx. 8 minutes
- **Smoke Alarm SOUND PATTERN**: Temporal 3 BI 0.5s - 1 BI 0.1s - 1 BI 0.5s - 5 BI 0.5s - 1 BI 0.1s + 5 BI 0.5s + 1 red LED, the Red LED flash, repeat this alarm pattern.

**Smoke Alarm COMPLIES WITH**: UL217 & CAN/ULC-S531

**Built**: built-in DC3V(Panasonic CR-AGC22N)Lithium battery (battery not replaceable, up to 10 years life time)

**Sin**e the alarm is not operating properly, and is still under warranty, return it to the original place of purchase. The warranty is void if the alarm is not returned to the original place of purchase.

**Maintenance and Cleaning**

In addition to weekly testing, the alarm requires periodic cleaning to remove dust, dirt, and debris. Clean the alarm once a year to remove dust, dirt, or debris. Use a vacuum cleaner with a soft brush, wash the alarm cover, and replace the cover of the smoke alarm. This alarm has a low battery monitor which will cause the alarm to “chirp” every 48 seconds and the red LED flash once at the same time for a minimum of thirty days when the battery gets low. There is a defective battery or other failures, you can refer to “Trouble shooting” for solution, if there are still failures during warranty, you can return to your retailer.

**Repair**

Do not attempt to remove the cover to clean inside. This will void the warranty.

**WHAT TO DO WHEN THE ALARM SOUNDS**

1. Alert small children in the home to quickly follow the family escape plan.
2. Leave immediately by your escape plan. Every second counts, so don’t waste time getting dressed or picking up valuables.
3. In leaking, don’t open any inside door without first feeling its surface. If hot, or if you see smoke seeping through cracks, don’t open that door! Instead, use your alternate exit. If the inside of the door is cool, place your shoulder against it, open it slowly, shut and hold it shut if heat and fire exist.
4. Stay close to the floor if the air is smoky. Breathe shallowly through a cloth, wet if possible.
5. Stay outside, go to your selected meeting place and make sure everyone is there.
6. Call the fire department from your neighbor’s home -not from yours!
7. Do not return to your home until the official says that it is all right to do so. Then, if you do see fire - it is too late to attempt to save your home or even your life! The smoke alarm may not be effective to protect against fire as stated in the NFPA Standard 72.
8. For instance:
   a) Smoking in bed
   b) Leaving children home alone
   c) Cleaning with flammable liquids, such as gasoline

**Note:** These tips will assist you in the event of a fire, however, to reduce the chance that fires will start, practice fire safety rules and prevent hazardous situations.

**Repair**

**Caution:** Do not attempt to repair the alarm. This will void your warranty. If the alarm is not operating properly, and is still under warranty, return it to the original place of purchase. Pack it in a well-padded carton, and ship to the original place of purchase you buy. If the alarm is no longer under warranty, have a licensed electrician replace it immediately with a comparable alarm.

**Attention:** Caution. Gela annonne votre garantie. Quand le déteceur ne fonctionne pas correctement et vous trouve en meme dans la periode de garantie, retournez-le au detailleur chez qui vous l'avez achete. Emballez-le dans un carton bien eteint et envoyez-le vers la place o’uz-vous l’avez
achèt. Si la garantie est déjà expirée, contactez un électricien autorisé pour le remplacer avec un détecteur identique.

Trouble shooting:

- **Problem**
  - Cause and remedy

  1. Smoke alarm does not sound when tested.
     - Smoke alarm does not sound.
     - Check for the “maintenance and cleaning” section.
     - If problems persist and the unit is still under warranty, you can return to your retailer.

  2. The unit is out of warranty—please replace another new alarm.

- **An intermittent “chirp”**
  - Accompanied by a red LED
  - Flash every 48 seconds.

  - The battery is depleted, please replace the smoke alarm.

- **Smoke alarm chirp occurs every 48 seconds**
  - (Alarm goes in fault mode)

  - Clean smoke alarm. Please refer to the “maintenance and cleaning” section.

  - Replace smoke alarm if the problem persists.

- **Smoke alarm sounds unwanted alarms**
  - Intermittently or when residents are cooking, taking showers, etc.

  - Press test button to silence alarm.
  - Clean smoke alarm. Please refer to the “maintenance and cleaning” section.
  - Move smoke alarm to new location and press test button.

- **The alarm sounds different**
  - from its use at your retailer and stops.

  - Clean smoke alarm. Please refer to the “maintenance and cleaning” section.
  - If the problem persists during warranty, you can return to your retailer.

  - If the unit is out of warranty—please replace another new alarm.

**DEVELOP AND PRACTICE A PLAN OF ESCAPE**

- Install and maintain fire extinguishers on every level of the home and in the kitchen, basement and garage. Know how to use a fire extinguisher prior to an emergency.

- Make a floor plan indicating all doors and windows and at least two (2) escape routes from each room. Second story windows may need a rope or chain ladder.

- Have a family meeting and discuss your escape plan, showing everyone what to do in case of fire.

- Determine a place outside your home where you all can meet if a fire occurs.

- Familiarize everyone with the sound of the smoke alarm and train them to leave your home when they hear it.

- Practice a fire drill at least every six months, including fire drills at night. Ensure that small children hear the alarm and wake when it sounds. They must wake up in order to execute the escape plan. Practice allows all occupants to test your plan before an emergency. You may not be able to reach your children. It is important they know what to do.

- Current studies have shown smoke alarms may not awaken all sleeping individuals, and that it is the responsibility of individuals in the household that are capable of assisting others to provide assistance to those who may not be awakened by the alarm sound, or to those who may be incapable of safely evacuating the area unnoticed.

**RECOMMENDED LOCATIONS FOR ALARMS**

- Locate the first alarm in the immediate area of the bedrooms. To try to monitor the exit path as the bedrooms are usually farthest from the front door. If more than one sleeping area exists, locate additional alarms in each sleeping area.

- Locate additional alarms to monitor any stairway as stairways act like chimneys for smoke and heat.

- Locate at least one alarm on every floor level.

- Locate an alarm in every bedroom.

- Locate an alarm in every room where electrical appliances are operated (i.e. portable heaters or humidifiers).

- Locate an alarm in every room where someone sleeps with the door closed. The closed door may prevent an alarm not located in that room from waking the sleeper.

- **Smoke, heat, and combustion products rise to the ceiling and spread horizontally.**
  - Mounting the smoke alarm on the ceiling in the center of the room places it closest to all points in the room. Ceiling mounting is preferred in ordinary residential construction.

- For mobile home installation, select locations carefully to avoid thermal barriers that may form at the ceiling. For more details, see MOBILE HOME INSTALLATION below.

- When mounting an alarm on the ceiling, locate it at a minimum of 4” (10cm) from the side wall (Refer to Diagram 2).

- When mounting the alarm on the wall, use an inside wall with the top edge of the alarm at a minimum of 12” (30.5cm) below the ceiling (Refer to Diagram 2).

- Put smoke alarms at both ends of a bedroom hallway or large room if the hallway is more than 30 feet (9m) long.

- Install Smoke Alarms on slopes, peaked or cathedral ceilings at or within 3 ft (0.9m) of the highest point (measured horizontally). NFPA 72 states: “Smoke alarms in rooms with ceiling slopes greater than 1 ft in 8 ft (1.3m in 2.4m) horizontally shall be located on the high side of the room.” NFPA 72 states: “A row of alarms shall be spaced and located within 3 ft (0.9m) of the peak of the ceiling measured horizontally” (Refer to Diagram 3).

- **MOBILE HOME INSTALLATION**

  Modern mobile homes have been designed and built to be energy efficient. Install smoke alarms as recommended above (refer to RECOMMENDED LOCATIONS and diagram 2 and 3).

  In older mobile homes that are not well insulated compared to present standards, extreme heat or cold can be transferred from the outside to the inside through poorly insulated walls and roofs. This may create a thermal barrier which can prevent the smoke from reaching an alarm mounted on the ceiling. In such units, install the smoke alarm on an inside wall with the top edge of the alarm at a minimum of 4” (10cm) and a maximum of 12” (30.5cm) below the ceiling (see Diagram 2).

  If you are not sure about the insulation in your mobile home, or if you notice that the outer walls and ceiling are either hot or cold, check the installation position as specified in the Recommended Locations, mark installation holes of the bracket with pencil. 

  Drill the two marked installation holes with a 3/16 inch (5mm) drill bit. Tap the two plastic grommets into holes with hammer.

  Remove locking plug from the bracket with screwdriver if necessary (Refer to Diagram 6). This is an optional additional-locking in place feature.

  Mount the bracket to the ceiling and tighten the supplied screws into plastic grommets. (Refer to Diagram 7).

  Fit the alarm on the bracket and turn the alarm body clockwise, until fully inserted on the bracket.

  Optionally insert locking plug into the gap between bracket and bottom cover for locking alarm in place (Refer to Diagram 8).

  Press the button to test the unit. The alarm should then sounds 3 beeps—1.5 seconds pauses, and will repeat until the button is released, if no sound, it indicates a defective alarm, refer to the “Trouble shooting” section for a solution or return to your retailer during warranty.

  **WARNING:**

  To prevent injury, this unit must be securely attached to the wall or ceiling in accordance with the installation instructions.

  **ATTENTION :**

  Pour éviter de blessures, cet appareil doit être attaché au mur ou plafond comme décrit dans les instructions d’installation.

**Scrap and disposal:**

When the battery is end of life, an intermittent “chirp” with red LED flashes once every 48 seconds: indicates that the smoke alarm device is low battery. Please scrap it according to below following the steps and immediately buy another new alarm to replace it.

- Counter clockwise remove the product from bracket.
- Take out the screws with a slotted screwdriver and remove smoke alarm from the bracket.
- Insert a slotted screwdriver into red plastic part on the base cover (Refer to Diagram 9).
- Rotate a screwdriver from the ON position to the OFF position counter clockwise.
- At this time, a red LED light up and indicating that the battery is discharging.
- Wait for at least One day, allow that the battery inside the product is fully exhausted. You can scrap and dispose it according to the local law.

**Note:**

1. When a red LED is off, it does not mean that the battery is exhausted. Must also allow the battery to fully discharge for at least Seven days.

2. Use this method to scrap the alarm if the is the end of life during out of warranty.

3. Please return to retailer and change another alarm during the Warranty.

4. Cannot install the smoke alarm again once he battery is discharged.

**SERVICE AND WARRANTY**

Company warrants to the original consumer. Purchase each new smoke alarm during the Warranty.

- To prevent injury, this unit must activated prior to installation. Failure to perform step will result in a non functioning smoke alarm.

**ATTENTION:**

Cet appareil doit être activé avant l’installation. Il n’est pas activé le détecteur de fumée ne fonctionne pas !

- Turn the alarm body counter clockwise and take off the bracket.

- Hold the bracket in the installation position at specified in the Recommended Locations, mark installation holes of the bracket with pencil.

- Drill the two marked installation holes with a 3/16 inch (5mm) drill bit. Tap the two plastic grommets into holes with hammer.

- Remove locking plug from the bracket with screwdriver if necessary (Refer to Diagram 6). This is an optional additional-locking in place feature.

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