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› Hapippofa PG-S11 Photoelectric Smoke Detector Instruction Manual

Hapippofa PG-S11

Hapippofa PG-S11 Photoelectric Smoke Detector Instruction Manual

Model: PG-S11

1. INTRODUCTION

This instruction manual provides essential information for the proper installation, operation, and maintenance of your Hapippofa PG-S11 Photoelectric Smoke Detector. Please read this manual thoroughly before installation and retain it for future reference. This device is designed to detect smoke and alert occupants to potential fire hazards, providing crucial time for evacuation.

2. IMPORTANT SAFETY INFORMATION

- This smoke detector is intended for residential use.
- Regularly test the smoke detector as described in this manual.
- Do not paint the smoke detector. Paint can clog the sensing chambers and prevent the alarm from operating correctly.
- Do not attempt to repair this unit. Refer all servicing to qualified personnel.
- This smoke detector is not a substitute for property insurance.
- Familiarize yourself with your home's evacuation plan and practice it regularly.

3. PRODUCT OVERVIEW

The Hapippofa PG-S11 is a battery-powered photoelectric smoke detector designed for reliable fire detection. It features a 10-year sensor life and an integrated test/mute button for easy operation and maintenance.

3.1 Components

- **Smoke Detector Unit:** Main device housing the sensor and alarm.
- **Test/Mute Button:** Used for testing the alarm and silencing false alarms.
- **LED Indicator:** Provides visual status of the detector.
- **Battery Compartment:** Holds two AA batteries.
- **Mounting Bracket:** For securing the detector to a wall or ceiling.

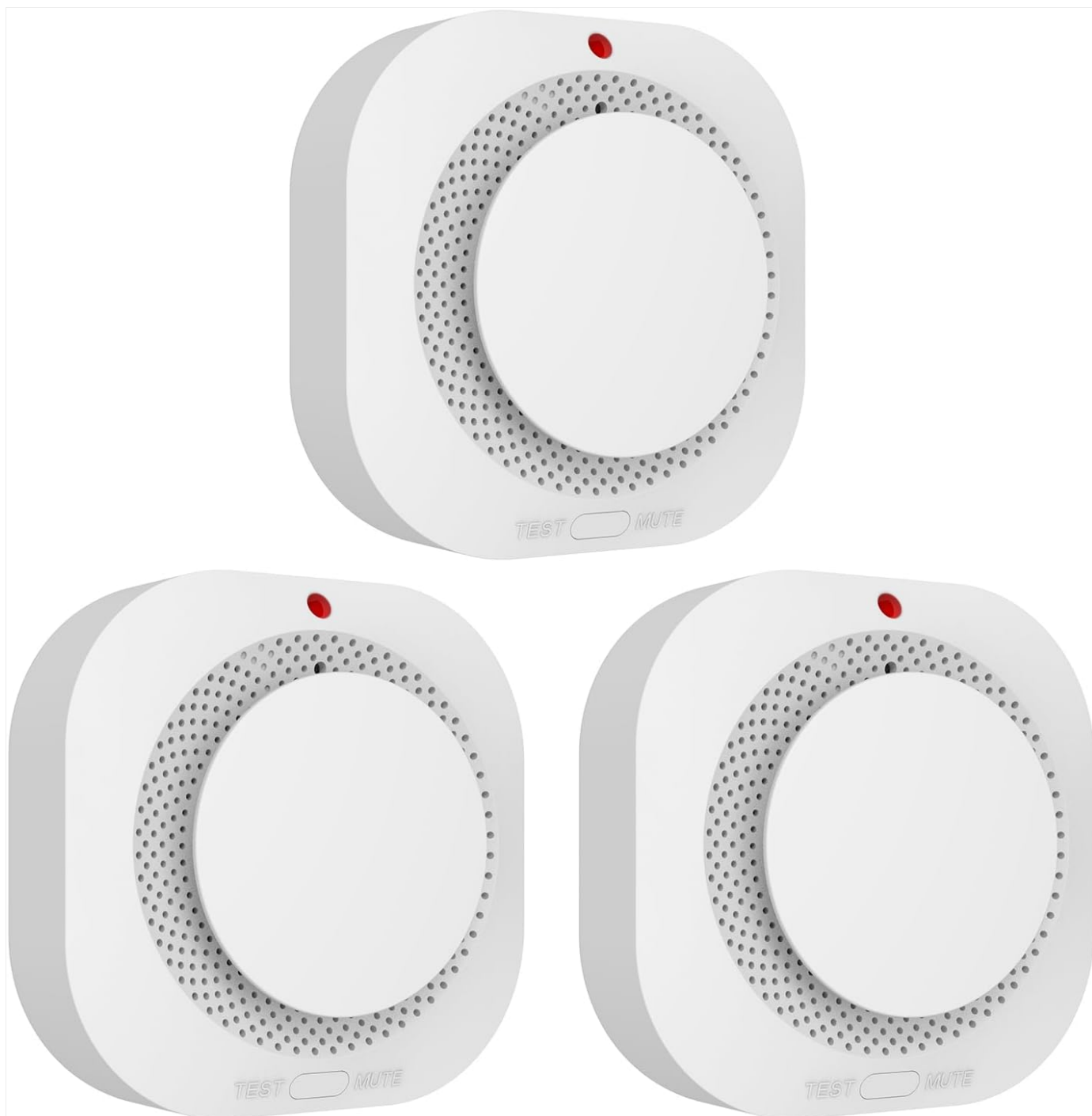


Image: Three Hapippofa PG-S11 smoke detectors, showing their compact design and the visible test/mute button on the front.

Replaceable AA Batteries



Low Battery Warning



Regular AA Battery Size



Image: The underside of the Hapippofa PG-S11 smoke detector with the battery compartment open, revealing two 1.5V AA batteries.

4. SETUP AND INSTALLATION

4.1 Battery Installation

1. Remove the mounting bracket from the back of the smoke detector by twisting it counter-clockwise.
2. Open the battery compartment cover.
3. Insert two new AA alkaline batteries, ensuring correct polarity (+ and -).
4. Close the battery compartment cover.
5. The detector will emit a short beep and the LED indicator will flash, indicating it is powered on.

4.2 Recommended Placement

For optimal protection, install smoke detectors in every sleeping room and on every level of your home, including the basement. Place them in hallways outside of sleeping areas. When mounting on a ceiling, place the detector at least 4 inches (10 cm) from any wall. When mounting on a wall, place the detector between 4 and 12 inches (10-30 cm) from the ceiling.

4.3 Areas to Avoid

Avoid installing smoke detectors in the following locations to prevent false alarms or improper operation:

- **Kitchens:** Cooking fumes can trigger false alarms.
- **Bathrooms:** Steam from showers can cause false alarms.
- **Garages:** Vehicle exhaust can trigger false alarms.
- Near heating appliances, vents, or fans.
- In extremely dusty, dirty, or insect-infested areas.
- In areas with extreme temperatures (below 40°F / 4°C or above 100°F / 38°C).

Easy To Install And Test



Image: A person installing a Hapippofa PG-S11 smoke detector on a ceiling, demonstrating the ease of installation.

Some Tips for Install

Somke Alarms Recommended ✓

Smoke Alarms Not Recommended ✗



Image: A multi-story house diagram illustrating recommended (green checkmarks) and not recommended (red X marks) locations for smoke alarm installation, specifically advising against kitchens, bathrooms, and underground garages.

4.4 Mounting the Detector

1. After selecting a suitable location, use the mounting bracket as a template to mark the screw holes on the ceiling or wall.
2. Drill holes and insert wall anchors if necessary.
3. Secure the mounting bracket with the provided screws. Alternatively, use the included double-sided adhesive tape for mounting on smooth, clean surfaces.
4. Align the smoke detector with the mounting bracket and twist clockwise until it locks securely into place.
5. Test the alarm immediately after installation.

5. OPERATING INSTRUCTIONS

5.1 Normal Operation

During normal operation, the LED indicator will flash approximately once every 40-60 seconds to confirm the unit is functioning correctly.

5.2 Testing the Alarm

Test the smoke detector weekly to ensure proper operation:

- Press and hold the Test/Mute button for a few seconds.
- The alarm will sound a loud, pulsating signal (approximately 85dB), and the LED indicator will flash rapidly.
- Release the button. The alarm will stop.
- If the alarm does not sound, refer to the Troubleshooting section.



Image: A Hapippofa PG-S11 smoke detector mounted on a ceiling, with visual effects indicating an 85dB alarm sound, signifying real-time protection.

5.3 Mute Function

In case of a non-emergency alarm (e.g., from cooking fumes), you can temporarily silence the alarm:

- Press the Test/Mute button briefly.

- The alarm will silence for approximately 8-10 minutes. The LED indicator will continue to flash every 10 seconds to indicate it is in mute mode.
- If the smoke condition persists after the mute period, the alarm will reactivate.
- If the smoke clears, the alarm will return to normal operation.

6. MAINTENANCE

6.1 Battery Replacement

The smoke detector is powered by two AA alkaline batteries. When the batteries are low, the unit will chirp approximately once every 40-60 seconds, and the LED indicator will flash, indicating that the batteries need to be replaced. Replace both batteries immediately with new AA alkaline batteries.

1. Twist the detector counter-clockwise to remove it from the mounting bracket.
2. Open the battery compartment cover.
3. Remove the old batteries and dispose of them properly.
4. Insert two new AA alkaline batteries, observing correct polarity.
5. Close the battery compartment cover.
6. Reattach the detector to the mounting bracket by twisting clockwise until it locks.
7. Test the alarm after battery replacement.

6.2 Cleaning Your Smoke Detector

Clean your smoke detector at least once a month to remove dust and debris. Dust can interfere with the sensor's operation.

1. Twist the detector counter-clockwise to remove it from the mounting bracket.
2. Gently vacuum the exterior of the detector, especially around the sensing chamber openings, using a soft brush attachment.
3. Do not use water, cleaners, or solvents, as these can damage the unit.
4. Reattach the detector to the mounting bracket.
5. Test the alarm after cleaning.



**Without Flash LED
Disturb Sleep**



Image: The Hapippofa PG-S11 smoke detector with its outer cover detached, illustrating how it can be opened for cleaning to reduce false alarms.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Alarm chirps every 40-60 seconds.	Low battery.	Replace both AA batteries immediately.
Alarm sounds frequently without smoke.	Dust or debris in the sensing chamber; high humidity; cooking fumes; improper placement.	Clean the detector (see Section 6.2). Relocate the detector if it's in an area prone to false alarms (see Section 4.3). Use the mute button for temporary silencing.

Problem	Possible Cause	Solution
Alarm does not sound during test.	Dead or improperly installed batteries; unit malfunction.	Check battery installation and replace if necessary. If the problem persists, the unit may be faulty and needs replacement.
LED indicator does not flash.	No power; unit malfunction.	Check battery installation and replace if necessary. If the problem persists, the unit may be faulty and needs replacement.

8. SPECIFICATIONS

- Model:** PG-S11
- Detection Type:** Photoelectric
- Power Source:** 2 x AA Alkaline Batteries (included)
- Sensor Life:** 10 Years
- Alarm Loudness:** 85dB at 3 meters (10 feet)
- Operating Temperature:** 40°F (4°C) to 100°F (38°C)
- Operating Humidity:** 10% to 95% RH (non-condensing)
- Dimensions:** Approximately 5.16 x 4.41 x 3.9 inches (Package Dimensions)
- Weight:** Approximately 14 ounces
- Manufacturer:** SZ PGST CO., LTD
- Certifications:** UL report, FCC compliant

9. WARRANTY AND SUPPORT

Hapippofa products are designed for reliability and performance. For specific warranty details, please refer to the warranty card included with your product or contact Hapippofa customer support. If you encounter any issues or have questions regarding your PG-S11 smoke detector, please contact our customer service team for assistance.

Customer Support: Please visit the official Hapippofa website or refer to your product packaging for contact information.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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