Photoelectric Smoke Alarm

User Manual

Model: PG-S05,PG-S06,PG-S07,PG-S08,PG-S09

This user manual contains important information regarding the operation of your smoke alarm.Ensure you read this user manual fully before installing and operating the alarm.If you are installing this smoke alarm for use by others,youmust leave this manual (or a copy of it) with the end user.

Introduction

This smoke alarm is manufactured in accordance to the EN 14604:2005+AC:2008 Standard and is designed to detect smoke.Our products are constantly being improved and expanded.

● Battery Operated
The alarm's use long-life lithium battery ensures a 10-year lifespan when not in use.
● Low Battery Warning
The alarm beeps once every 60 seconds and LED indicator flashes every 60 seconds when the battery is low.
● Silence Mode
Silence your smoke alarm by moment arily pressing the test button when non-emergency smoke (e.g.steam)causes nuisance alarms. The red LED flashes continuously to remind you that the smoke alarm has been silenced. wait 10 minutes for the alarm to automatically exit the silence mode.

Package Contents

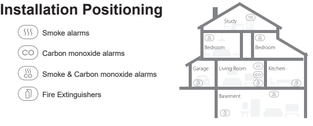
1 X Alarm Unit | 1X Mounting Bracket | 2x Screws | 2X Anchor Plugs | 1 x User Manual | 1 x battery

Safety Information

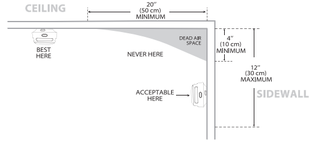
⚠ IMPORTANT!
1.DANGERS,WARNINGS,AND CAUTIONS ALERT YOU TO IMPORTANT OPERATING INSTRUCTIONS OR TO POTENTIALLY HAZARDOUS SITUATIONS.PAY SPECIAL ATTENTIONTO THESE SITUATIONS.
2.THIS ALARM IS NOT INTENDED TO ALERT HEARING IMPAIRED INDIVIDUALS.THE USE OF ALCOHOL OR DRUGS MAY ALSO IMPAIR ONE'S ABILITY TO HEAR THE SMOKE ALARM.
3.FIRES IN CHIMNEYS,WALLS,ROOFS,DIFFERENT LEVELS OR BEHIND CLOSED DOORS MIGHT NOT BE DETECTED.
4.THIS DEVICE DOES NOT DETECT FLAMES,HEAT,CARBON MONOXIDE OR OTHER HAZARDOUS GASES.

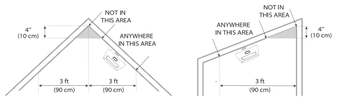
⚠ WARNING!
1.NEVER IGNORE ANY ALARM.FAILURE TO RESPOND CAN RESULTIN SERIOUS INJURY OR DEATH.
2.THE SILENCE FEATURE IS ONLY FOR YOUR CONVENIENCE AND WILL NOT CORRECT A PROBLEM.ALWAYS CHECK YOUR HOME FOR A POTENTIAL PROBLEM AFTER ANY ALARM. FAILURE TO DO SO CAN RESULT IN INJURY OR DEATH.
3.TEST THIS SMOKE ALARM ONCE A WEEK.IF THE ALARM EVER FAILS TO TEST CORRECTLY,REPLACE IT IMMEDIATELY! IF THE ALARM CANNOT WORK PROPERLY,IT WILL NOT ALERT YOU TO A PROBLEM.

Installation Positioning



1.Prioritize the installation of a smoke alarm in the bedroom and walkways,and make sure you can hear the alarm from all sleeping areas.In a home with several bedrooms,install an alarm in every bedroom.If you install only one smoke alarm in your home,install the alarm near to all bedrooms where possible,and not in a basement or furnace room.
2.Install an alarm above the stairway and on every floor of the house.
3.Smoke,heat and anything burning will spread horizontally after rising to the ceiling,so install the alarm in the middle of the ceiling where possible.Ensure that the alarm is installed at the minimum distance away from corner.
4.If an alarm cannot be installed in the middle of a ceiling,install it at a distance of 20 inches (50 cm)away from the corners of the room.
5.If an alarm is installed onto a wall,a distance of 4-12 inches (10-30 cm)should be kept below the ceiling.
6.If the length of a room or hall is beyond 30 feet (900 cm),several alarms should be installed in the same room.
7.When the wall or ceiling is angled,the alarm needs to be installed within 3 feet(90 cm) of the highest wall or ceiling point(measured horizontally)in the room.

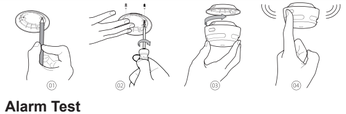




⚠ WARNING!
1.THIS ALARM SHOULD BE INSTALLED BY A COMPETENT PERSON.
2.ALARMS SHOULD NOT BE USED AS A SUBSTITUTE FOR PROPER INSTALLATION,USE AND MAINTENANCE OF FUEL BURNING APPLIANCES INCLUDING APPROPRIATE VENTILATION AND EXHAUST SYSTEMS.

Installation Method

1.Use the mounting bracket to mark the screw holes on the ceiling or the wall.
2.Drill holes at the 2 marks using an appropriately-sized drill bit. Insert the anchor plugs and screw the mounting bracket using the screws provided.
3.Attach the alarm to the mounting bracket and turn clockwise to lock the alarm.
4.Test the smoke alarm according to the steps in the section below.



Alarm Test

The alarm must be properly attached to the mounting bracket before it can be tested.
1.Press the test button.
2.The unit beeps 3 times.
3.The red LED will flash continuously during the audible signal.
NOTE:The test function accurately tests the alarm's smoke sensing circuit without the need of test smoke.If your smoke alarm fails to give an audible test signal,please refer immediately to the troubleshooting guide at the end of this manual.

Battery Replacement
1.To replace the battery,detach the smoke alarm from the mounting bracketby twisting counter clockwise.
2.Pull the battery removal tab to remove the battery,and then install a new battery,matching the correct polarity markings.
3.Test the alarm,and then mount the alarm onto the mounting bracket by twisting clock wise to lock the alarm.

LED Indicator and Audible Alarm

Status	LED indicator	Audible alarm
Normal	Red LED flashes once every 60 seconds	None
Test	Red LED flashes continuously	3 short quick beeps
Alarm	Red LED flashes continuously	Short quick beeps
Silence Mode	Red LED flashes continuously	None
Low Battery	Red LED flashes once every 60 seconds	1 beep every 60 seconds

Technical Specifications

Power Supply	3V CR123A lithium battery
Operating Life	10 years
Battery Life	5 years
Sensor Type	Photoelectric
Safety Standard	EN 14604:2005+AC:2008
Standby Current	<15 uA(avg.)
Alarm Current	<150 mA(avg.)
Coverage Area	20-40m²
Operating Ambient Temperature	(0-55℃)
Operating Relative Humidity	≤95%(non-condensing)
Alarm Loudness	≥85 dB at 3m@3.2±0.3 kHz pulsing alarm
Silence Duration	About 10minutes

Maintenance

To keep your smoke alarm in good working order,follow these simple steps:
1.Verify the unit's alarm sound and indicator are working properly by testing the unit once a week.
2.As a minimum your smoke alarm should be cleaned once every 3 months:Remove the unit from the ceiling and clean the alarm cover and vents with your vacuum cleaner fitted with the soft brush attachment to remove dust and dirt.
3.Never use deergents or other solvents to clean the unit.
4.Avoid spraying air fresheners,hair spray or other aerosols near the alarm.
5.Do not paint the unit.Paint will seal the vents and interfere with the sensor's ability to detect fire.
6.Never attempt to disassemble the unit or clean inside.Doing so will void your warranty.
7.When removed,place the smoke alarm back in its proper location as soon as possible,to assure continuous protection from fire.
8.When household cleaning supplies or similar contaminants are used,the areas hould be ventilated.

Troubleshooting

PROBLEM	SOLUTION
Your smoke alarm does not sound during testing	·Please check whether the alarm is properly attached to the mounting bracket. ·Make sure you push the test button firmly.
False alarms triggered intermittently or when residents are cooking, taking showers,etc.	·Check the location of your smoke alarm (see"Installation Positioning"). ·Clean the smoke alarm (see"Maintenance").
Red LED flashes and the alarm sounds 1 beep every 60 seconds.	The battery is low.Replace immediately

Environmental Protection

Waste electrical products should not be disposed of with household waste.Please recycle where facilities exist.Check with Local Authority or retailer for recycling advice.

Manufacturer and Service Information

PGST CO.,LTD
Address: Building 9, Huafu Industrial Park, Longkou Community, Dalang Street, Longhua District, Shenzhen, Guangdong, China

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

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.

NOTE:
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.
However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception,which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the followingmeasures:
-- Reorient or relocate the receiving antenna.
-- Increase the separation between the equipment and receiver.
-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-- Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement
This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.