

photoelectric smoke+ heat alarm User's Manual

PLEASE READ AND SAVE THIS MANUAL

Specification:

Power supplied can use two style of DC9V battery & DC12V together; But if connected power DC12V, then power 9V battery will stop working, and if DC12V off power, then 9V battery as back battery keep to work continuously.

Photoelectric sensor

Alarm temperature for heat sensor :adjustable(MAX. 58℃)

Red LED indicate alarm

Unique "battery missing" lockout

Low battery alarm

High sensitivity

Built in sounder to give a minimum sound output of 85dB at 3m

Senses smoke using the light scatter principle-quick response to visible Smouldering smoke, test button simulates smoke – use to check performance at least monthly, option current ≤10uA, alarm current ≤30mA.

5 year guarantee (limited)

IPMORTANT SAFETY INFORMATION

1. The test button accurately tests all smoke+heat alarm/heat alarm functions. Do not use any other test method. Test smoke/heat alarm weekly to ensure proper operation.
2. DO NOT remove or disconnect battery. This will remove your protection. Open windows or fan the air around smoke+heat alarm silence it.
3. This smoke+heat alarm should be installed only by a licensed, qualified electrician. Observe and follow all local and national electrical and building codes for installation.
4. This smoke+heat alarm is designed to be used inside a single family only. In multifamily buildings, each individual living unit should have its own smoke+heat alarms. Do not install in non-residential buildings. And this smoke+heat alarm is not a substitute for a complete alarm system.
5. Install a smoke+heat alarm in every room and on every level of the home. Smoke may not reach the smoke+heat alarm for many reasons. For example, if a fire starts in a remote part of the home, on another level, in a chimney, wall, roof, or on the other side of a closed door, smoke may not reach the smoke+heat alarm in time to alert household members. A smoke+heat alarm will not promptly detect a fire except in the area or room in which it is installed.
6. Smoke+heat alarm may not alert every household member every time. The alarm horn is loud in order to alert individuals to a potential danger. However, there may be limiting circumstances where a household member may not hear the alarm (i. e. outdoor or indoor noise, sound sleepers, drug or alcohol usage, the hard of hearing, etc.). If you suspect that this smoke+heat alarm may not alert a household member, install and maintain specialty smoke+heat alarms. Household member must hear the alarm's warning sound and quickly respond to it to reduce the risk of damage, injury, or death that may result from fire. If a household member is hard of hearing, install special smoke+heat alarms with lights or vibrating devices to alert occupants.
7. Smoke+heat alarms can only sound their alarms when they detect smoke or fire. Smoke+heat alarms detect combustion particles or heat in the air. They do not sense flame, or gas. This smoke+heat alarm is designed to give audible warning

of a developing fire. However, many fires are fast - burning, explosive, or intentional. Others are caused by carelessness or safety hazards. Smoke or heat may not reach the smoke+heat alarm QUICKLY ENOUGH to ensure safe escape.

8. Smoke+heat alarms have limitations. This smoke+heat alarm is not foolproof and is not warranted to protect lives or property from fire. Smoke+heat alarms are not a substitute for insurance. Homeowners and renters should insure their lives and property. In addition, it is possible for the smoke+heat alarm to fail at any time. For this reason, you must test the smoke+heat alarm weekly and replace every 5 years.

FOR BEST PROTECTION, WE RECOMMEND THAT YOU INSTALL A SMOKE+HEAT ALARM IN EVERY ROOM

Typical single storey dwelling with recommended

Install a smoke+heat alarm on the ceiling of wall inside each bedroom and in the hallway outside each separate sleeping area. If a bedroom area hallway is more than 30 feet long, install a smoke+heat alarm at each end. If there is a basement: install a smoke+heat alarm on the basement ceiling at the bottom of the stairwell.

Typical multi storey dwelling with recommended protection Install a smoke+heat alarm on the ceiling of wall inside each bedroom and in the hallway outside each separate sleeping area. If a bedroom area hallway is more than 30 feet long, install a smoke+heat alarm at each end install a smoke+heat alarm at the top of a first – to- second floor stairwell.

CONNECT TO PANELS:

RED	_____ +	POWER	Orange	NC	_____
			Yellow	COM	_____
BLACK	_____ -		Green	NO	_____

DO NOT INSTALL SMOKE+HEAT ALARMS

1. Near appliances or areas where normal combustion regularly occurs (kitchens, near furnaces, hot water heaters). Use specialized smoke+heat alarm with unwanted alarm control for this areas.
2. In areas with high humidity, like bathrooms or areas near dishwashers or washing machines. Install at least 10feet away from these areas.
3. Near air returns or heating and cooling supply vents. Install at least 3 feet away from these areas. The air could blow smoke away from the detector, interrupting its alarm.
4. In rooms where temperatures may fall below 40°F or rise above 100°F.
5. In extremely dusty, dirty, or insect – infested areas oilse particles interfere with smoke+heat alarm operation.

TESTING THE SMOKE+HEAT ALARM

Test each smoke+heat alarm to be sure it is installed correctly and operating properly.

1. The push – to – test button accurately tests functions. Do not use and open flame to test this smoke+heat alarm. You may ignite and damage the smoke+heat alarm or your home.
2. Test smoke+heat alarms weekly and upon returning from vacation or when no one has been in the household for several days.
3. Stand at arm's length from the smoke+heat alarm when testing.
Test all smoke+heat alarms weekly by doing the following.
 1. Firmly depress the push – to –test button for at least 5

seconds. The smoke+heat alarm will sound 3 short beeps followed by a 2-second pause and then repeats. The alarm may sound for up to a few of seconds after releasing the push – to – test button..

DANGER: If alarm horn sounds, and smoke+heat alarm is not being tested, the smoke+heat alarm is sensing smoke, **THE SOUND OF THE ALARM HORN REQUIRES YOUR IMMEDIATE ATTENTION AND ACTION.**

MAINTENANCE AND CLEANING

In addition to weekly testing, this smoke+heat alarm requires yearly battery replacement and periodic cleaning to remove dust, dirt, and debris.

You'd better use good battery to make the alarm work long, some batteries can use more than 1 year.

1. Turn smoke+heat alarm counterclockwise to detach from mounting plate.

Gently pull down smoke+heat alarm. Be careful not to separate wire connections.

2. Pull out power plug from back of smoke+heat alarm.
3. From back of smoke+heat alarm, lift tab to open battery pocket door.
4. Remove battery from pocket. Disconnect and discard battery from battery connector.
5. Connect a fresh 9-volt battery to connector. The battery will fit only one way. Be sure battery connector is securely attached to battery into battery terminals.
6. Place battery into battery pocket.
7. Close battery pocket door. Push down until it snaps into place.
8. Replace connector plug. Connector will snap into place.
9. Reattach smoke+heat alarm to mounting plate by turning smoke+heat alarm clockwise until it snaps into plate.
10. Turn on power and test smoke+heat alarm using push-to-test button.

CLEANING

Clean the smoke+heat alarm at least once a month to remove dust, dirt, or debris. Always turn off power to smoke+heat alarm before cleaning.

Using the soft brush or wand attachment to a vacuum cleaner, vacuum all sides and cover of smoke+heat alarm. Be sure all the vents are free of debris.

If necessary, turn off power and use a damp cloth to clean smoke+heat alarm cover.

IMPORTANT: Do not attempt to remove the cover of clean inside the smoke+heat alarm. This will void warranty.

REPAIR

Caution: Do not attempt to repair this smoke+heat alarm. Doing this will void your warranty.

If smoke+heat alarm is not operating properly, and is still under warranty, return smoke+heat alarm to our company. Pack it in a well-padded carton, shipping prepaid, to:

If the smoke+heat alarm is no longer under warranty, have a licensed electrician replace the smoke+heat alarm immediately with a comparable **PST** brand smoke+heat alarm.

PRACTICE FIRE SAFETY

If the smoke+heat alarm sounds its alarm horn, and you have not pushed the test button, it is warning of a dangerous situation. Your immediate response is necessary. To prepare for such occurrences, develop family escape plans, discuss them with all household member, and practice them regularly.

1. Expose everyone to the sound of a smoke+heat alarm and explain what the sound means.
2. Determine two exits from each room and an escape route to the outside from each exit.

3. Teach all household members to touch the door and use an alternate exit if the door is hot. Instruct them not to open the door if the door is hot.
4. Teach household members to crawl along the floor to stay below dangerous smoke, fumes and gases.
5. Determine a safe meeting place for all members outside the building.

WHAT TO DO IN CASE OF FIRE

1. Do not be panic; stay calm.
2. Leave the building as quickly as possible. Touch doors to feel if they are hot before opening them. Use an alternate exit if necessary. Crawl along the floor, and do not stop to collect anything.
3. Meet at a pre-arranged meeting place outside the building.
4. Call the fire department from outside the building.
5. Do not go back inside a burning building. Wait for the fire department to arrive.

These guidelines 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.

TROUBLESHOOTING

DANGER: Always turn off power at main fuse box or circuit breaker before taking troubleshooting action.

WARNING: DO NOT disconnect battery or AC power to quiet an unwanted alarm. This will remove your protection. Fan the air or open a window to remove smoke or dust.

PROBLEM	
Smoke+heat alarm does not sound when tested. NOTE: Push test button for at least five seconds while testing!	1. Remove smoke+heat alarm from mounting plate and: Check that connector plug is securely attached. 2. Check that battery is properly attached to connector. 3. Clean smoke+heat alarm.
Smoke+heat alarm beeps about once a minute.	replace battery. See battery replacement in the maintenance and cleaning section.
Smoke+heat alarm sounds unwanted alarms intermittently or when residents are cooking, taking showers, etc.	1. Clean smoke+heat alarm. See cleaning in the maintenance and cleaning section. Hire an electrician to move smoke+heat alarm to a new location. See SMOKE+HEAT ALARM PLACEMENT
The alarm sounds different than I'm used to. It starts and stops.	This alarm is operating correctly. This alarm features the internationally recognized horn signal for evacuation. The horn pattern is 3 short beeps followed by a 2 second pause and then repeats.

WARRANTY INFORMATION

3-year limited smoke+heat alarm warranty

Company warrants to the original consumer

Purchaser each new smoke+heat alarm to be free from defects in material and workmanship under normal use and service for a period of 5 years from the date of purchase. This warranty does not cover damage resulting from accident, misuse or abuse or lack of reasonable care of the product.

In no case shall Company be liable for any incidental or consequential damages for breach of this or any other warranty express or implied, whatsoever. The bad product can be mailed to the following address with a detail explanation of problem:

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