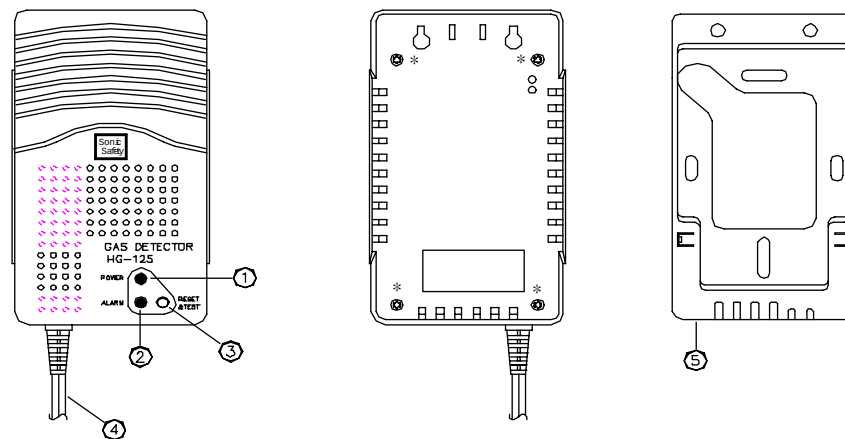


HG-125 Gas Detector

This sensor is armed in 24 hour status and designed to detect either City gas (methane) or LPG (propane and butane).



Wireless Gas Detector
HG-125

NO.	DESCRIPTION
1	POWER LED
2	ALARM LED
3	RESET & TEST KEY
4	AC CORD
5	MOUNT HOLDER

1. Power(Green) LED: will flash for 1 minute or light up constantly
2. Alarm (Red) LED: When the red LED is flashing, the sensor has detected
A gas leak, and is activating the alarm.
3. RESET/TEST Button: Press this button will activate the alarm with an audible sound.

Main Functions

1. Whenever the gas detector detects flammable gas up to 25% of lower explosive limits, the red light and audio alarm sound will automatically turn on in 5 seconds. When audio alarm sounds, the this event you must at once follow the regular gas alarm procedure.
2. If the gas level reaches 10% of lower explosive limits, the red light and audio alarm sound will automatically turn on in 20 seconds.
3. If the gas level reduces to 5% of lower explosive limits, the red light and audio alarm sound will automatically turn off in 5 seconds.

Gas	Lower explosive limits
Natural gas (methane)	3.8% by volume in air
LP-gas (propane)	2.1% by volume in air

Gas	Alarm will activate before
Natural gas (methane)	25% of lower explosive limits
LP-gas (propane)	25% of lower explosive limits

Gas	Alarm will activate before
Natural gas (methane)	0.95% by volume in air
LP-gas (propane)	0.52% by volume in air

Gas	Alarm will activate in
0.95% by volume of Natural gas (methane) in air	5 seconds
0.95% by volume of LP-gas (propane) in air	5 seconds

Gas	Alarm will activate in
0.2% by volume of Natural gas (methane) in air	20 seconds
0.1% by volume of LP-gas (propane) in air	20 seconds

Gas	Alarm will turn off at
Natural gas (methane)	0.10% by volume in air
LP-gas (propane)	0.05% by volume in air

Powering up the system

The Gas Detector is powered by AC. Therefore, it is necessary to mount the detector to a wall (but after learning into the system) where is easily within reach of an AC

power point.

Setting the Gas Detector

Under Learning Mode, to press the Test/Reset button and the main console will sound 'beep' to complete the setting successfully.

Notes – It takes one minute to warm up the sensor to start detecting.

Installation Instructions

1. Mount the Detector onto the wall with screws provided.
2. Mount in 1 foot, measured vertically from the highest point of the ceiling (for natural Gas detect), and measured horizontally between 3 feet 3 feet to 10 feet (for both gas Detect). Depending on which flammable gas will be detected. This gas detector is Designed for use inside a single family home, apartment of garage.
3. Do not install – this gas detector in the following areas:
 - a) where the temperature is usually below 40°F (4.4°C) or exceeds 140°(49°C) humidity over 95%.
 - b) Within 3 feet (1m) of any cooking appliance.
 - c) In unventilated rooms where paint or thinner or contaminant such as cleaning supplies may be stored.
 - d) Boats or RVs. Multiple family bldg., unless there is a detector in each family unit.
 - e) In a hazardous location as defined in the National Electrical code.

CAUTION: This gas detector will only indicate the presence of gas at the sensor. Gas may be present in other areas.

LCD display on the Main Console for HG-125

When trigger out the alarm system on emergency, or the status of low battery, the LCD display shown as below:

63	GAS	System
01	Zone	

63	GAS	System
01	Low Battery	

Notes when activating

When a gas leak is detected (i.e. the Gas Detector has activated the alarm):

1. Do not turn on any electrical appliance (i.e. switch of light) or any appliances that Can strike a spark until alarm sound automatically turn off.
2. Turn off gas appliances, or other sources of combustion at once. (furnace, water heater, gas burning stove or heater).
3. Immediately get fresh air into premises.
4. Fix the gas source problem before restarting gas appliances.

Fire and Gas Safety

- **Minimize fire risks around your home** – Common cause of household fires are smoking in bed, cleaning or cooking with flammable liquids, such as methylated spirits/gasoline, leaving children home alone, and unsafe Christmas decorations.
- **Test your Smoke & Fire and Gas Detectors regularly** – Dust built-up can seriously impair your detector's performance, so remember to wipe it regularly, checking batteries at the same time. Check gas appliances regularly to ensure safe functioning.
- **Plan and practice an escape route** – Your Smoke and Fire Detector will warn you of danger, but this wasted if you have not planned how to react to it. When considering your alternative escape route and meeting place. Remember that stairs and doorways may be blocked in the event of a fire.

Note

1. The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
2. 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.