

# GAS LEAKAGE ALARM USER'S MANUAL

## Product Specifications:

**POWER:** AC110~240V/50Hz,60Hz

**MOUNTING:** Accessories supplied for wall mounting.

**ALARM VOLUME :** ≥85db@100cm

**ALARM PATTERN:** "BI" 0.5s--pause 0.5s repeat this pattern

**OPERATING CONDITION :**

Operating Temperature : -10°C ~ 50°C

Ambient Humidity : 10%~ 90% RH

**Power Consumption :** ≤4W

**DETECTION GAS TYPE :**

LPG AND NG

**ALARM SENSITIVITY :** ≤10%LEL

**OUTPUT SIGNAL (optional):**

electromagnetism valve (9V pulse voltage)

nature open and nature close

AC voltage same as input power supply

**Installation Instructions :**

- 1: The gas alarm must be mounted above the ground and more than 30cm height.
- 2: Ventilation hole should be installed down.
- 3: Locate at least 5 feet away from fuel burning appliances.
- 4: Insure the all vents of the unit are unobstructed.
- 5: If the output signal is electromagnetism valve,then the output signal line be connected with auto-valve matched.
- 6: Drill one hole,and put the plastic stopper into hole.
- 7: Insert the screw provided until the screw heads are approximately 5mm(3/16") from wall.
- 8: Hook the GAS Alarm unit over the screw onto keyholes in back of unit.
- 9:Installation work is over, power-on,waiting for about 4 minutes.then press test/reset button for testing.
- 10:If the alarm sound is 1 short beep--followed by 4 seconds of silence--followed by 1 short beep with a corresponding red LED flash. that indicate the sensor or the circuit is noneffective.here,please call our agent or contact our company.

**Caution: Power-on, the unit self-detection for about 4 minutes. Within this course, the red LED flashes.**

## Maintenance and safety action:

- 1: Don't let dust and oil block the ventilation slots.
- 2: Don't install product near hot, humid and oiling sources
- 3: Don't install it near window or fan, because where leakage gas can be quickly disappeared.

- 4: Monthly checking if equipment can work well by pushing a little gas from a cigar lighter near the ventilation slots. if the unit is working normally, the unit will output alarm pattern.
- 5: Before clean the unit, please turn off the power, then vacuum the alarm cover with a soft brush attachment.
- 6: Every month to remove accumulated dust.
- 7: If the alarm sounds,please turn off all gas valve and gas bottle, then open all doors and windows.
- 8: If there's something wrong with the equipment. don't repair or dismantle by unprofessional persons.

## Silence Function:

- 1: If the unit is sounding, pressing the test/reset button will stop the unit for about 5 minutes. But red LED flash still.
- 2: Within this silence time, if you press test/reset again, this action will cancel the silence time. the unit monitor gas concentration at once.
- 3: It will reset the unit automatically after about 5 minutes.

## Output Connection :

1: Electromagnetism valve :

Black line ----negative power line

White line-----positive power line

2: nature-open(NO) and nature-close(NC)

Black line and yellow line----NO

Red line and yellow line-----NC

3: if the output signal is high voltage(same as input AC power supply),please note :

**A :The output connection line can not be shorted !**

**B :During installation,you must shut-off this unit power supply.**

**C:Ensure the output connection line is not be shorted,then power-on.**

## Product Overview :

