Natural Gas Detector Manual

CONTACT

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1 Product Introduction

Airradio natural gas detector is for natural gas. If there is gas at home, once the concentration of the detected gas reaches the dangerous value, the detector will send out the audible and visual alarm signal, prompting you to take effective measures quickly to eliminate the danger and effectively avoid the accidents such as fire and explosion.

● Sensor
The core of the original – sensors, gas–sensing electrodes with 100% pure platinum precious metal manufacturing.

● Double alarm
Up to 70 dB of audible alarm, 360 ° ring warning lights.

● Design
Radian design is not only simple and elegant, more to improve the efficiency of intake, so that detectors 7x24 hours keep sensitive and stable.

Carefully selected polycarbonate, strict implementation of fire safety requirements.
Just right of the matte process, the design has long been full of sense of ether home security products.

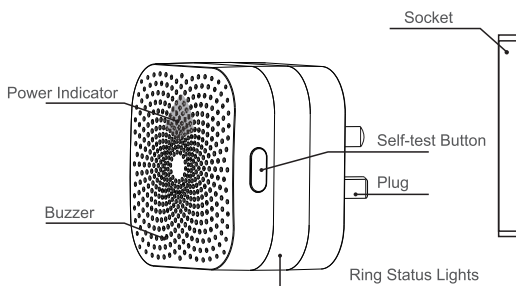### ● Indicator State Description
Power indicator light is on, indicating that the detector is working normally.
Green light flashes, indicating that the detector is self–test and preload.
Yellow light flashes , indicating that the detector is in a fault condition.
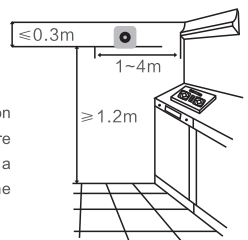Red light flashes, indicating that the detector is alarming.

● Products Schematic

Power Indicator
Buzzer
Socket
Self-test Button
Plug
Ring Status Lights

2 Installation Instructions

Instructions

the standard mounting position is 30cm from the ceiling. If there is no power outlet, install it at a distance of 120cm from the ground.

≤0.3m
1~4m
≥1.2m

● Installation Location
➤ the detector and the gas stove should be located in the same indoor space;

➤ the detector distance may be 1 to 3 meters away from the gas leak source is the best.

➤ the detector should be installed in the distance from the ceiling 30cm height of the wall fixed position.

● Precautions
➤ can not be installed from the gas stove too close to the place!

➤ can not be installed in the place with too much smoke!

➤ can not be installed in the exhaust fan, doors and windows, bathrooms and other large airflow or humidity larger place!

3 The Key Function Introduction

➤ Self–test function: self–test key for detecting the sound and light alarm is abnormal.

➤ No alarm state, press the self–test button, the ring indicator light green, red, yellow flashing, while the buzzer sounds three times.

➤ If the ring indicator light or buzzer is abnormal, please repair it in time.

4 Equipment Maintenance

1. this product after storage and long-distance transport, the first time in need of electricity aging more than 24 hours in order to achieve the best performance.

2. start the product self-checking function every 4-6 months.
IN THE CASE OF SAFETY TO ENSURE THE USE OF A KNOWN CONCENTRATION OF GAS ON THE DETECTOR FOR IMPACT TESTING TO CONFIRM WHETHER THE DETECTOR WORK.
BE SURE TO TEST IN A SAFE ENVIRONMENT!

3. please often use a soft brush, velvet cleaning equipment, surface dust and oil, to ensure that its detection hole breathable, indicating good display. When cleaning, do not use detergents, bleach and so on.

4. This product is designed for indoor use only, please avoid contact with rain or moisture, also need to avoid the detector drop, do not beat, open or change it, otherwise it may lead to product failure.

5. should not be used near the detector volatile substances, such as alcohol, hair gel and so on. If this kind of material causes the false report, please promptly ventilates, causes the detector to return to the normal examination condition.

6. under normal circumstances, the maximum life of the detector for 5 years, more than the use of the period must be replaced with new ones.

5 Main Specifications

Model	JT-KBI1
Applicable Gas	Natural Gas (methane - CH4)
Weight	100g
Sensor Type	Semiconductor
Overall Dimensions	59mm * 59mm * 40mm
Sampling Method	Natural diffusion
Working Voltage	AC 90V - 260V
Range	0-100% LEL
Warm-up Time	180s ± 10s
Alarm Setpoint	7% ± 3% LEL
Alarm	Visible and Audible alarm
Working Environment	Temperature: -20 to 40℃ Humidity: ≤ 95% RH (no frost)
Alarm Volume	≥70dB
Service Life	5 years（under normal working environment）

6 Common faults and solutions

Failure Phenomenon	Failure Analysis	Treatment Program
The green power indicator does not light	The power cord is not connected well	Please connect the power cord well
	Power indicator has failed	Please contact the seller
Press the self-test button without sound and light alarm	Circuit failure	Please contact the seller
No response to detection of gas	Pre-boot program has not ended	Wait for the program to finish
	Circuit failure	Please contact the seller
After the pre-start procedure, the detector has been in the alarm state	In the environment there are a large number of volatile organic compounds.	Place the detector in a clean air environment and restart the self-test program.
	Storage time is longer	Continue to power aging
	Circuit failur	Please contact the seller

7 After-sales policy and warranty policy

THIS PRODUCT SUPPORTS ONE-YEAR FREE REPLACEMENT, BUT IF NON-NORMAL USE DOES NOT ENJOY THE WARRANTY (FOR EXAMPLE: LIGHTNING, VOLTAGE INSTABILITY, WATER AND OTHER MAN-MADE) .