

CONTACT

Address:

169 Xuesong Road, National High-Tech zone, Zhengzhou, 450001, China

Tel: +86-371-67169566

Email: sales@airradio.cn

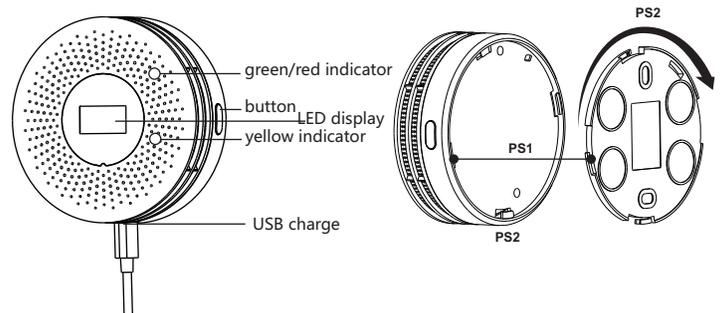
Web: <http://www.weiguopay.com>

The Independent Combustible Gas Detector

JT-KBC2

1. Product Introduction

The independent combustible gas detector JT-KBC2, measuring 0~100%LEL, is an intelligent monitoring device for natural gas and liquefied petroleum gas. The alarm and red warning signals will be issued once the concentration of the monitored gas reaches a dangerous level due to leakage and other reasons. Ensure that gas leakage information is transmitted promptly and without dead ends, while closing the solenoid valve, cutting off the leakage source and protecting the user's family safety.



PS1: Attach the wall plate to a groove in the back of the main engine.

PS2: The installation is completed by rotating the wall plate in accordance with the indicated direction of the groove.

PS3: 5V MicroUSB interface charging line is used for power supply.

2. Indicator State Description

- **Self check status:** Green, red and yellow indicator lights turn out in turn, then LCD screen gradually displays "8.88", and finally buzzer rings.
- **Preheating state:** Green indicator light flickers once per second.
- **Normal monitoring status:** The green indicator gradually darkens, then gradually brightens and circulate repeatedly.
- **Alarm status:** Red indicator is fast flashing, buzzer ringing quickly, LCD display methane concentration value (unit:%LEL).
- **Fault status:** Yellow indicator lights flicker, buzzer once a second, LCD screen shows "Err".

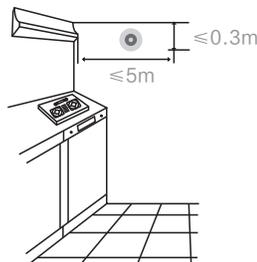
3. Function Introduction

- After power on, the detector self examines, then enters the preheating state, the preheating state continues 180s, at this time the detector has no monitoring function.
- After the preheating is over, the detector enters the normal monitoring state. Under this condition, the detector will inspect itself by pressing the key.
- When the indoor gas or LPG gas concentration exceeds the alarm value, the detector enters the alarm state, and the normal monitoring state is restored when the indoor gas or LPG concentration is lower than the alarm value.
- When the sensor failure, the detector will enter the failure state, re power off, again on power, if still a state of failure, please call after-sales service phone for maintenance.

4. Installation Instructions

● Installation Location

1. Equipment and gas cookers should be located in the same indoor space;
2. Equipment distance from flammable gas leakage is best maintained at 1 to 3 meters;
3. It should be fixed at a fixed position at a height of 30 centimeters from the ceiling.



● Installation method

➤ Installation method A (adhesive back glue)

- 1) Used for ceramic tile, glass, wood new building materials, stainless steel and other wall.
- 2) Before installation, please keep the wall clean.
- 3) Please install and fix the location before installing.
- 4) Please stick to the equipment and keep it for more than 10 seconds to maintain. Paste stability.

➤ Installation method B (hanging nail)

- 1) Suitable for cement surface, putty wall, etc.
- 2) Fix the equipment on the nail according to the position of hanging hole.

● Matters needing attention

- 1) It is not suitable to be installed too close to the stove.
- 2) It is not suitable to be installed in the place where the smoke is too large.
- 3) It is not suitable to be installed near the exhaust fan, doors and windows, bathroom and other water vapor, gas. Where the flow is larger.

5. Equipment Maintenance

1. Please start a self check button every 6 months to ensure the working condition of the equipment is normal .
2. Please use soft brush and dry flannel to clean the surface dust and oil to ensure good air permeability and good indication. Do not use cleaning agent, bleach powder or polish when cleaning.
3. This product is designed for indoor use only. Please avoid equipment contact with rain or wet gas. At the same time, avoid falling equipment, do not knock, open or change equipment, otherwise it may cause product failure.
4. Under normal use, the maximum useful life of the equipment is 5 years. New equipment should be replaced over the period of use.

6. Problems and Solutions

Problem	Cause Analysis	Solution
Green power indicator does not work	Connectivity of power supply	Check the connectivity
	Power indicator breaks	Call customer service
Press "self-test/mute" button but no response	Circuit breaks	Call customer service
No response to target gas	Warm-up does not finish	Wait till warm-up finishes
	Circuit breaks	Call customer service
Keep alarming after warm-up	Work environment filled with organics like smoke, alcohol steam, fume, perfume and so on	Move the device to clean air the test if it work normally
	The storage period is too long	Supply power to age for over 2 hours
	Circuit breaks	Call customer service

7. Technology Specification

Model	JT-KBC2
Detecting Gas	Natural gas (CH ₄ , Methane)
Working Environment	Temperature: 0 ~ 40 degree Celsius Humidity: <95%RH (No Frost)
Sampling Method	Natural diffusion
Testing Range	0~100% LEL
Alarm Presetting Level	7% LEL
Warm-up Time	180
Sensor Type	Semiconductor
Life Span	5 Yeas(Under normal working environment)
Working Voltage	5±0.1V
Weight	71g
Dimension	86mmXH29mm
Alarm Method	Visual, audible signals alarm
Alarm Sound	≥70dB

8. 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) .