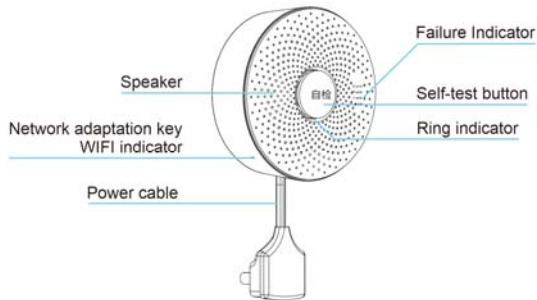


## Home Combustible Gas Detector N1 User Manual

### 1. Product Introduction

Air Radio N1 is a combustible gas detector that is for indoor environment where natural gas exists. Once the concentration of detected gas reaches the dangerous level, the detector would send out visual and audible alarm signal to prompt the user to take effective measures to avoid disastrous accidents like fire, explosion, etc.



#### Indicator Status Description

The ring indicator turns breath status with green light - Detect status

The ring indicator keep emitting with green light- Warm up status

The ring indicator blinks with yellow light- Fault status

The ring indicator blinks with yellow light-Alarm Status

### 2. Network Adaptation

- 1) Download the mobile App.
  - A. Make sure there is a router.
  - B. Make sure the router is connected to WIFI.
  - C. Make sure your mobile device is connected to WIFI.
  - D. Scan the below QR code and download App.
- 2) Account registration and logging in.
- 3) Scan QR code.
- 4) Install combustible gas detector.
- 5) Network adaptation.
- 6) Network adaptation finishes.
- 7) Start detecting

### 3. Self-test Function

Self-test button is to detect whether the alarm is normal.

Press the "Test button" when the device is on normal detecting status, the ring indicator would display the green, red and yellow light sequentially and the alarm sounds (be sure that the indicator and buzzer work normally).

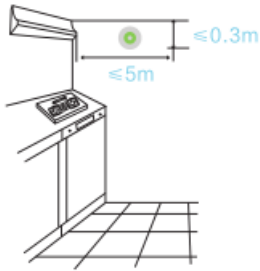
### 4. Installation Instructions

Installation location:

- 1) The detector and gas source should be located in the same indoor space.
- 2) The detector distance may be 1~3 meters away from the possible gas leak source is the best.

3) The detector should be installed less than 30cm from the ceiling.

Kitchen installation illustration



Installation method:

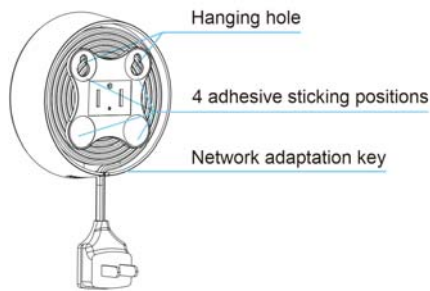
A. Adhesive backed

- 1) Applicable to tile, glass, new wooden, stainless steel wall, etc.
- 2) Keep the wall clean and paste on the fixed position.
- 3) Press the device for 10 seconds to keep it stable

B. Hang on

- 1) Applicable to concrete wall, putty powder wall, etc.
- 2) Hanging on the fixed nail.

Precautions:



Don't install in the following location:

- 1) Close the gas stove.
- 2) Where steam or oil smoke exit.
- 3) Near door or window where the air current makes difference

## 5. Maintenance

1) After storage and long time transport, the first time in use needs electricity aging more than 24 hours in order to achieve the best performance.

2) During the usage period, activate the self-test at least once six month to confirm that the device works normally. In the case of safety, please use a known concentrate gas for impacting test to confirm that the device work normally.

3) It's suggested to clean the shell of the combustible gas detector frequently to prevent its air hole being blocked by dust. When cleaning the shell of the device, use clean soft brush or dry fluffy cloth without detergent, decolorizer and polish. Cut off power supply when cleaning the shell.

4) N1 is designed for indoor use only. Please avoid contacting with rain, moisture, also need to avoid drop. Do not beat, open or modification it, otherwise it may lead to product failure.

5) The detector should not be used near the volatile substance such as alcohol, hair gel, etc.

If false report caused, please open the ventilation device to make sure the detector return to normal

detecting conditions.

6) Under normal circumstance, the service is 5 years. Please replace with new ones if exceed the lifespan.

#### 6. Technology Specification

Model	N1(JT-KBI2)
Detecting Gas	Natural gas ( CH4, Methane)
Working Environment	Temperature: 0 ~ 40 degree Celsius Humidity: <95%RH (No Frost)
Gas Sampling	Natural diffusion
Testing Range	0~100% LEL
Alarm Presetting Level	7% LEL
Warm Up Time	180±10S
Sensor Type	Semiconductor
Life Span	5 Yeas
Working Voltage	AC 100V-240V
Weight	190g
Dimension	Diameter 90mm
Alarm Method	Visual , audible , network information push
Alarm Sound	70dB

#### 7. 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