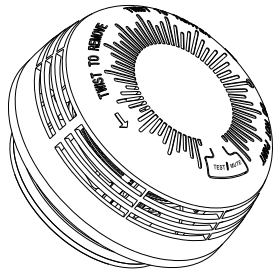


JTY-GF-YB030

## Independent photoelectric smoke fire detection alarm

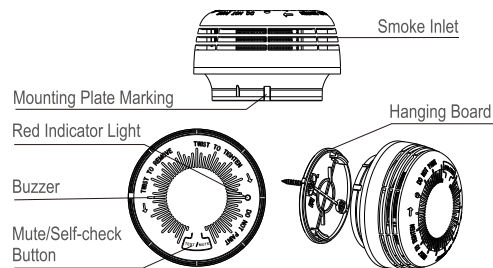
### Product Specification



### 1 Product introduction

The independent photoelectric smoke fire detection alarm detects the fire through the principle of dual optical path scattering. The photoelectric sensor with special structure is used in the smoke detector. Scattered light's intensity can identify whether there is smoke or not. When the smoke reaches a certain concentration, that is, the light intensity received by detector reaches a presetting level, the detector will give an audible and visual alarm. The product can effectively detect the visible smoke generated by the smoldering of the fire at the early stage, so that users can notice the danger in time or organize personnel evacuation. It is suitable for various places such as home, school, store, factory, hotel and so on.

### 2 Product structure description

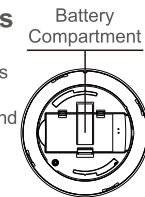


### 3 Main technical parameters

Product name	Independent photoelectric smoke fire detection alarm
Product model	JTY-GF-YB030
Working voltage	DC 9V (alkaline battery; 6LR61; 500mah)
Alarm mode	Audible&visual alarm
Alarm sound	≥85dB@3m
Battery life	≥ 1 year
Working temperature	-10℃~+55℃
Relative humidity	≤95%RH
Alarm classification	Fire alarm, fault alarm and low power alarm
Executive standard	EN 14604 : 2005
Product size	Φ90mm×H56mm

### 4 Installation instructions

1. Take out the alarm, manual, battery, mounting plate and mounting accessories from the packaging box.
2. Make mounting holes on the ceiling and fix the mounting plate of the alarm with expansion screws. It is recommended to install an alarm in each room.
3. Remove the hanging board as shown in the figure below, connect the 9V battery connector with the power connector of the equipment, and then install it into the battery slot. At this time, the buzzer will sound once and the red indicator will flash once.

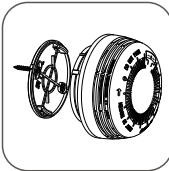


### Contact Us

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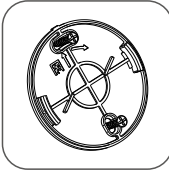
4. Align the markings of the alarm and the mounting plate, close them, and rotate clockwise until you hear the sound of "click". That indicates the installation is successful and the detector enters the normal monitoring state.



5. Self inspection: press and hold the self inspection button, the red indicator of the alarm flashes and gives an alarm.

Two sounds indicate that the alarm works normally.

(the key does not support long press function! Please stop pressing after the alarm sounds)



## 5 Warning

1. Keep more than 1.5m away from lighting equipment, ventilator, air conditioner and vent.
2. Do not install in bathrooms, kitchens and other places where may have non fire smoke such as water vapor and oil fume.

## 6 Instructions

- **Normal working condition**
- The red indicator of the alarm flashes every 5 minutes and the buzzer does not alarm.
- Fire alarm function
- When the smoke concentration reaches the alarm value, the red indicator of the alarm

flashes once per second, and the buzzer sound once at the same time.

If the fire is eliminated, the alarm can be silenced by pressing the silencing / self-test button. The silencing period is about 10 minutes, during which only the red indicator flashes. After about 10 minutes, the alarm returns to normal operation.

- **Analog alarm function**

- Press the mute / self-test button, the red indicator of the alarm flashes and the buzzer sounds. (the key does not support long press function! Please stop pressing after the alarm sound)

- **Fault alarm function**

- When the alarm fault, the red indicator of the alarm flashes twice continuously every 40 seconds, and the buzzer sounds twice at the same time. Please contact your dealer or customer service department to test or repair the alarm as soon as possible.
- **Low battery alarm function**
- When the battery is low, the red indicator of the alarm flashes 3 times every 40 seconds, and the buzzer sounds 3 times at the same time. Please replace the battery as soon as possible.

## 7 Maintenance

1. It is recommended to clean the product every three months. When removing dirt, please wipe it by using a rag with wet water or soapy water and fully wring it dry; When removing dust, please use a vacuum cleaner to clean along the smoke inlet slot.
2. If it fails to work, please contact the supplier as soon as possible. Do not disassemble and repair without permission to avoid accidents. (the company shall not be liable for problems caused by unauthorized disassembly or maintenance).
3. It is recommended to press the self-test key once a week to check whether the function is normal.

## 8 Fault analysis and troubleshooting

Fault phenomenon	Failure cause analysis	Treatment method
3 alarm sounds every 40 seconds	The battery is low	Replace the battery
No response in key self-test	The battery is not connected properly or the battery is exhausted	Install or replace the battery correctly according to the battery polarity
The alarm sounds twice every 40 seconds	Product failure	Repair by professionals
Frequent false alarm	There is much dust at the smoke sensor	Clean with a vacuum cleaner

## 9 Packing list

Serial number	Name	Company	Quantity	Remarks
1	Fire detection alarm	PCS	one	
2	An instruction manual	PCS	one	
3	Certificate	PCS	one	
4	Mounting plate	Block	one	
5	Installation accessories	Bag	one	Two expansion screws Two expansion tubes
6	Battery	Section	one	