

# Smoke Detector

## PRODUCT SPECIFICATION

### 4. Low battery detecting

When the battery voltage is lower than the normal operating voltage, the buzzer will make a sound like "Di" every 20 seconds. You'd better replace the battery in this case, or it will affect the normal work.

### F. NOTICE

1. Clean the detector surface with soft bristled brush every 6 months to assure the detecting sensitivity. Remember to cut off the power source before cleaning.
2. If there have a malfunction during use. Please contact with the dealer in time. Do not attempt to remove and repair the detector personally to prevent incidents.
3. If the detector is not used for a long time, remove the detector, take out the battery from the cabinet and store it in a cool and dry place.
4. The detector can reduce the happening rate of disasters. But it can not guarantee a hundred percent safe and heighten vigilance and safety consciousness to take preventive measures.



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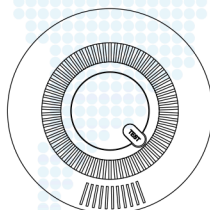
## Smoke Detector

### User Guide for Smoke Detector

#### A. PRODUCT INTRODUCTION

The product is a new smoke detector, Unique structure design and an intelligent MCU to process photoelectric signals, it is provided with dust-proof, mothproof and anti-light interference etc. functions, ensuring the detector stability from design basis and suitable for all kinds of installation environments and also with the optional wireless interconnection function. It reacts very quick to visible smoke released by smoldering fire and flaming fire, and suitable for fire alarm in house, factories, shopping malls, hotels, restaurants, office buildings, teaching buildings, banks, libraries, warehouses, etc..

#### B. PRODUCT APPEARANCE



#### C. PRODUCT FEATURE

- Adopts MCU Auto-Processing Technology
- Low-battery warning
- Auto-Reset after trigger
- Infrared Photoelectric Sensor
- Sound & Flash Alarm & LED indicating Alarm
- SMT Manufacture Technology, Reliable Stability
- Dust-proof, Mothproof and Anti White light interference

#### Technical parameter

Power Supply: 2\*1.5V AA batteries  
Static current: <10uA  
Alarm current: <35mA  
Alarm indication: LED flashes in Red  
Alarm Sound: 85dB/3m  
Temperature: -10~50℃  
Relative Humidity: ≤95%RH  
Dimensions: Φ105\*38mm  
Detecting area: 80m<sup>2</sup> at 6-12m installation height; 60m<sup>2</sup> at installation height <6m

#### D. INSTALLATION

1. Avoid installing in places with stagnating smoke, heavy dust, heavy water mist, heavy oil mist, great humidity(95%) and high wind speed(>5m/s).
2. Insert the ready battery into the battery cabinet, notice the place of anode and cathode
3. Choose a proper position. Normally, the center of the detection area ceiling is recommended. Fix the detector base into the chosen position. Then put the detector into the base and twist to fasten it. Be sure it is fastened tightly.

#### E. OPERATION INSTRUSION

##### 1. Usage

- 1) Insert the ready battery into the battery cabinet and keeping the battery power supply.
- 2) Connect the power, the detector enters into normal working status. The indicator flashes once per 30 seconds.

##### 2. Sensitivity Test

The detector should be tested periodically to assure normal operation. Once per month is recommended. Press and hold the TEST BUTTON to make the detector enter into testing status. If the alarm indicator flashes rapidly and the buzzer gives out alarm sound, then the detector works properly.

##### 3. Alarm

When smoke density in surrounding reaches the alarm threshold of the detector, the buzzer will make a sound and the indicator also flashes rapidly at the same time.