



Senzor de fum wireless PNI A023

Manual de utilizare

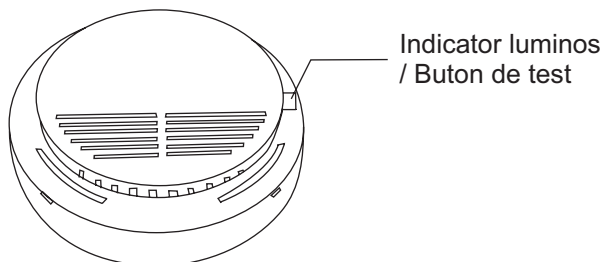
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Introducere

Produsul reprezinta un detector fotoelectronic de fum fara fir. Cu un design unic si o micro-unitate de control inteligenta, detectorul este imun la particule de praf sau interferente ale luminii albe asigurandu-i stabilitatea. Acesta poate fi utilizat impreuna cu un sistem de alarma wireless, putand fi instalat in mai multe tipuri de medii alertand utilizatorii cand exista o alarma.

Detectorul reactioneaza foarte rapid la fumul emis de un foc mocnit sau cu flacari si poate fi utilizat acasa, la birou, in mall-uri, hoteluri, restaurante, scoli, banci, biblioteci, depozite, etc.

Descriere produs



Caracteristici

- Conexiune wireless la un sistem de alarma sau functionare independenta
- Testare manuala
- Resetare automata dupa indepartarea cauzei declansarii
- Senzor fotoelectronic infrarosu
- Avertizare acustica si vizuala
- Stabilitate crescuta
- Imun la particule de praf si interferente ale luminii albe
- Utilizare la interior

Specificatii tehnice:

- Frecventa comunicare wireless cu centrala de efracție: 433 MHz
- Alimentare: baterie 9V
- Consum: standby: $\leq 10 \mu A$ / in alarma: $\leq 20 \text{ mA}$
- Indicator alarma: LED rosu
- Nivel sunet alarma: $\geq 85 \text{ dB/m}$
- Suprafata detectie: pana la 20 mp
- Distaanta comunicare wireless: pana la 100m in camp deschis
- Mediu de utilizare: temperatura: $-10 \sim 50 \text{ }^{\circ}\text{C}$
- Dimensiuni/greutate: $\varnothing 105 \times 30 \text{ mm}$ / 125 g (cu tot cu baterie)

Instructiuni de instalare

1. Evitati instalarea detectorului in spatii cu fum permanent, praf mult, depuneri de ulei, umiditate ridicata sau vant puternic (>5m/s)
2. Alegeti pozitia potrivita pentru detector, in general pe mijlocul tavanului spatiului ales pentru protejare. Fixati baza detectorului in pozitia aleasa.
3. Introduceti bateria in detector.
4. Insurubati detectorul in baza.
5. Efectuati un test manual pentru a verifica functionarea corespunzatoare a detectorului

Instructiuni de utilizare

1. Testare sensibilitate: periodic trebuie efectuat un test de functionare a detectorului pentru a va asigura ca nu sunt probleme.

Pentru a efectua testul de functionare apasati butonul de test si mentineti pentru cateva secunde. Daca indicatorul de alarma clipeste rapid iar buzzer-ul emite un sunet de alarma inseamna ca detectorul functioneaza corespunzator.

2. Mod alarma si oprire buzzer: cand densitatea fumului atinge pragul de alarma al detectorului, buzzerul va incepe sa sune, iar indicatorul de alarma va clipi rapid. Daca densitatea fumului nu scade, butonul de test nu va avea nici un efect. Cand densitatea fumului scade sub pragul de alarma apasarea butonului de test va determina detectorul sa intre in modul de testare. Dupa 10 minute detectorul va reveni automat la starea normala de functionare.

3. Utilizarea impreuna cu un sistem de alarma: cand detectorul este conectat wireless cu un sistem de alarma apasand butonul de test veti trimite un semnal de alarma catre unitatea centrala a sistemului.

Pentru a programa detectorul intr-un sistem de alarma, apasati lung butonul de test cand unitatea centrala a sistemului este in modul de invatare a dispozitivelor.

5. Verificare in caz de defectiune:

- daca buzzer-ul detectorului emite un sunet scurt la fiecare 40 secunde impreuna cu o clipire a indicatorului de alarma, inseamna ca bateria este descarcata si trebuie inlocuita.
- daca buzzer-ul detectorului emite 2 sunete scurte la fiecare 40 secunde impreuna cu 2 clipiri ale indicatorului de alarma, inseamna ca este o defectiune la senzorul infrarosu fotoelectronic. In acest caz va rugam sa contactati distribuitorul local. Nu incercati sa indepartati sau sa reparati detectorul pentru a evita alte incidente.

Note:

- Curatati suprafata detectorului cu o perie moale o data la 6 luni pentru a-i asigura sensibilitatea de detectie. Amintiti-va sa-i scoateti bateria inainte de a efectua curatarea.
- Daca nu utilizati detectorul o perioada mai lunga de timp, demontati-l de pe tavan, scoateti bateria si pastrati-l intr-un loc uscat si racoros.
- Detectorul de fum poate reduce rata de producere a unor dezastre insa nu va poate garanta siguranta 100%.



Wireless smoke detector PNI A023

User manual

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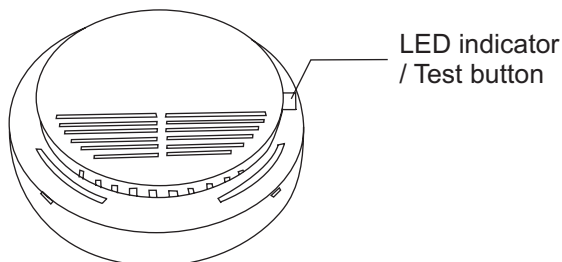
Introduction

This product is a photoelectronic wireless smoke detector. With a unique design and an intelligent control unit, the detector is immune to dust particles and white light interferences thus ensuring its stability.

You can use this detector within a wireless alarm system or by itself for local alarming.

The detector detects very fast smoke from smothering fire or open flames, and it can be used in the house, office, malls, hotels, restaurants, schools, banks, libraries, warehouses, etc.

Product description



Features

- Wireless connection to an alarm system or independent use
- Manual testing
- Automatic reset after smoke clears
- Infrared photoelectronic sensor
- Visual and sound alarm
- High stability
- Dust particles and white light interferences immunity
- Use only indoor

Technical specifications:

- Wireless communication frequency: 433 MHZ
- Power: 9V battery
- Power consumption: standby: $\leq 10 \mu\text{A}$ / alarm state: $\leq 20 \text{ mA}$
- Alarm indicator: red LED
- Alarm sound level: $\geq 85\text{dB/m}$
- Detection area: up to 20mp
- Wireless communication distance: up to 100m in open space
- Working temperature: $-10 \sim 50^\circ\text{C}$
- Size/weight: $\varnothing 105 \times 30 \text{ mm}$ / 125 g (battery included)

Installing instructions

1. Avoid installing the detector in spaces with permanent smoke, a lot of dust, oil, high humidity or strong wind ($>5\text{m/s}$)
2. Choose the right position for the detector, generally in the center of the ceiling of the chosen space. Mount the detector base in the chosen position.
3. Insert and connect the battery in the detector.
4. Fix the detector in it's base.
5. Carry out a manual test to check the detector.

Operating instructions

1. Sensitivity testing: the detector should be tested periodically to assure normal operation (once per month is recommended). Press and hold the TEST button for more than 1s for the detector to enter into testing status. If the alarm indicator flashes rapidly and the buzzer gives an alarm sound, then the detector works properly.

2. Alarm and silence buzzer function: when smoke density in reaches the alarm threshold of the detector, the buzzer gives out alarm sound and the alarm indicator flashes rapidly. At this time, pressing the test button will make the detector enter into mute status that lasts for 10 minutes. During this period, the indicator flashes once every 10s and if the density is still higher than the threshold, the test button is nonfunctional. When the smoke density goes below the threshold, pressing the test button will activate the detector to perform the testing operation. After the 10 minutes the detector recovers automatically to normal working status.

3. Working with a wireless alarm system: if the detector is connected to a wireless alarm system press the test button and the detector will send out an alarm signal. **To program the detector into a wireless alarm system, press the test button when the alarm system is in the learning mode.**

5. Malfunction check:

- if the buzzer gives out a short sound every 40s with the alarm indicator flashing once, it means that the battery is low and you have to replace it.
- if the buzzer gives out a two short sounds every 40s with the alarm indicator flashing twice, the infrared photo-electronic sensor has a malfunction. In this case please contact your local dealer. Do not attempt to remove and repair the detector personally to prevent incidents.

Note:

- Clean the detector surface with soft bristled brush every 6 months to ensure the detecting sensitivity. Remember to remove the battery before cleaning.
- If the detector is not used for a long time, uninstall the detector, take out the battery and store it in a cool and dry place.
- The smoke detector can reduce the happening rate of disasters but it can not guarantee your safety.