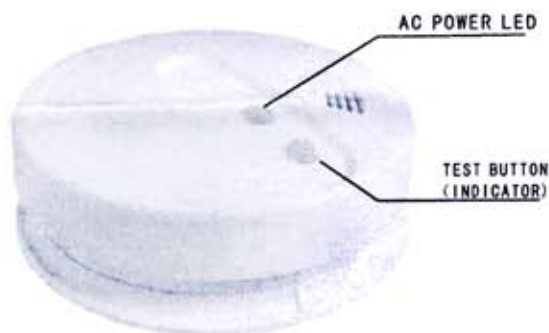


MANUAL FOR PHOTOELECTRONIC SMOKE DETECTOR

PRODUCT INTRODUCTION

This product named Photoelectric detector(hereinafter called detector) detects the smoke by a couple of infrared diodes. The principle of detecting is granule in the smoke can reflect infrared light. Infrared diodes are placed in the special chamber. The chamber can shield external light, but don't affect the smoke into it. While have no smoke, the diode can receive very weak infrared light. When the smoke entering the chamber, diode can receive more and more light, when the smoke attains the certain density, the detector can give out alarm signal. In order to reduce the interference and lower power consumption, the emitting circuit adopts the pulse signal. The detector adopts the special structure design and ASIC, has the mothproof and anti outside light interference feature etc. The detector is suitable for detect the smoke in house, shop, hotel, restaurant, office building, school, bank, library, computer house and storehouse etc.

PRODUCT PROFILE



PRODUCT FEATURE

- TEST BY HAND
- AUTO RESET
- ASIC ADOPTED
- ANTI-LIGHT, MOTHPROOF
- STRONG ADAPTABILITY FOR CIRCUMSTANCE
- SMT DESIGN, HIGH STABILITY

TECHNICAL SPECIFICATION

OPERATING VOLTAGE : 230VAC 50HZ

CURRENT : MAX 50mA

ALARM INDICATION: RED LED FLASH

BATTERY SPECIFICATION: 9V

SOUND LEVEL: ≥ 85 dB/m

OPERATING TEMPERATURE: $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$

OPERATING HUMIDITY : $\leq 95\%$ RH

DETECTING AREA: 20 square meter

ALARM OUTPUT : sound & flash alarm ,interconnect

SIZE :128 mm dia.*38mm deep

EXECUTE CRITERION : GB4715-1993,EN14604

INSTALLATION AND TEST

1. The unit is shipped with the battery reversed and wrapped. Unwrap and place in battery cavity. You MUST properly connect the battery before mounting the unit to the wall or ceiling. The unit will only operate correctly in DC mode if the battery is properly connected.
2. Connect Clip Assembly to wires in wall or ceiling as follows: Black to Power (230V AC.), White to neutral, Yellow is for inter-connectivity between detectors and/or domes.(Option)It is suggested that the installer (or home owner) use a yellow wire to interconnect units where applicable as this is for new construction or remodeling existing structures only. Otherwise, ignore the Yellow wire.
3. Select proper place (normally mounted on the center of the ceiling) , fix the mounting base, then put the detector into the base and turn it.
4. After installation, press the test button to test the output of the detector. LED should flash once per 1s. The detector should sounds aloud 85db pulsating alarm.
5. You can press the test button to test the detector or blow a little of smoke into the detector to test if it work properly. The detector will recover to normal working state when the

NOTICE

1. The detector can not be installed under worse environment. E.g. coldest, hottest, dusty.
2. Please test it WEEKLY!
3. Just use 9V battery.
4. Please clean the detector by soft brush per six months to ensure the sensitivity and life of product. Pay attention to switch off power before clean.
5. When the voltage of battery is low or the chamber is dirty, the detector will beep once per 40s. Please change the battery at this condition.
6. For various reason, including, but not limited to changes in environmental conditions, electric disruptions and tampering, the product may not perform as expected. The user is advised to take all necessary precautions for his/her safety and the protection of his/her property.