

Wireless carbon monoxide detector user manual

Features

Electrochemistry carbon monoxide detector use for the detection of the carbon monoxide gas, which is a kind of colorless, tasteless, nonirritating and imperceptible gas, it is produced in the place where oxygen is not enough, such as the fireplace, wood, coal, electric Pad burning etc. So in order to keep the family safety, we recommend to install this device in the kitchen, bath room, sitting room, and the not circulating bedroom.

Parameter

Power supply : AA 1.5V*3

Standby current : <10uA

Alarm current: < 50mA

Operate temperature: 0°C ~50°C

Relative humidity: $\leq 95\%RH$ (No Condensation)

Alarm voice: >70dB (within 1m)

Battery life: > 1 year

Sensor lifetime: 5 years

POWER Green led: normal monitoring state (every 60s)

ALARM Red led: alarm

LIFE Yellow : Sensor lifetime expired

FAULT Yellow: Default

Low battery alarm : $\leq 3.6V$

(Green led flashes, with detector beeps and "LO" is displayed on the LCD instantly)

100 PPM: alarm in 30 seconds.

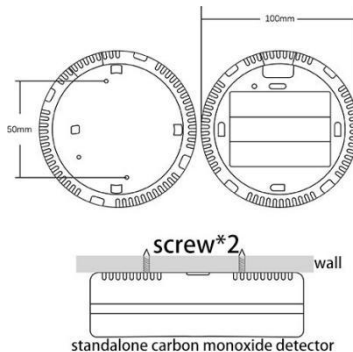
Wireless frequency: 433MHZ

Installation

Choose a suitable installation area, drill two holes on the ceiling or wall according to the holes of the mounting bracket. Insert two pieces of plastic expansion into the two holes, and then close the back of the mounting plate to the wall, insert and tighten the mounting screws until the mounting bracket is completely solid. This detector is a closed type device and is not allowed to open. Please insert the battery into slot properly. Turn the back of the detector to the installation location, turn clockwise and make sure that the

mounting bracket has been screwed into place.

Installation Instruction



Work, self-test and precautions

► Work

After the detector is powered on, it needs to wait for 60 seconds to enter the monitoring state, and the green light flashes approximately every 60 seconds.

When the carbon monoxide gas exceeds the set value is detected, the detector will emit an alarm sounds, the red light flashes , and the LCD screen displays the current gas concentration until the air become clean. Then it return to normal monitoring status.

► Self- test

Press the test button for 1 second in the normal working state, the detector will emit a loud alarm sound, and the red/green/yellow lights will turn on. At the same time, after the screen displays "880", the carbon monoxide value of the current environment is finally displayed. (It is recommended to do a test once a week to ensure the normal operation of the detector).

► Avoid installation in the following locations

1, Not too close to the door, windows, fans and other places will affect the sensitivity of the detector. Because the air circulation is faster in these areas.

2, Do not install it in a place with high humidity, such as next to the shower nozzle in the bathroom, the top floor or places where the temperature is above 50°C or below -10°C.

3, Simple maintenance:

Clean the detector every 6 months to keep it working well. First remove the battery, then use a soft brush to sweep the dust, and then insert the battery.

Troubleshooting

Problem	Solution
Low battery voltage ($\leq 3.6V$): the detector beeps every 60 seconds with "L0" is showed on LED screen.When detects undervoltage at the first time, it will transmit a wireless low-voltage signal. If keep in under-voltage status, it will transmit a signal every 24 hours.	Replace three new AA batteries
Battery supply failure: detector cannot work with battery installed	Check if battery is installed in reverse (check with the positive/negative pole on the shell). and if battery is fully charged, and if battery and battery shrapnel are in good contact.
Sensor drift: LCD screen has gas concentration value display in clean air. For example, display value 30ppm / 50ppm	The product needs to be returned to the factory to recalibrate or replace the sensor
Sensor failure: the product keeps flashing yellow light and beeps	After removing the battery for 3 minutes and then put it back, and if the detector is restored to normal, it can be used again. Otherwise, please return the device to the factory for repairing.

Sensor life has expired: the LIFE yellow light is always on, and the display always show 880, and the buzzer will beep twice every 5 seconds	Please exchange new product in time
Self-test failure: there is no response when the test button is pressed during self-test	Check if battery works well (observe if OPM is showed on the LCD or whether the green indicator light flashes every 60 seconds), if the battery supply is abnormal, please check battery supply problem; if battery works well, please return the device to the factory for repairing.
False alarm: false alarm when there is no gas leakage	Check whether there are irritating items in the room, such as paint, fuel, alcohol, etc., or if somebody is smoking excessively in the room; (excessive hydrogen, ethylene, nitric oxide, alcohol, hydrogen sulfide, sulfur dioxide, etc. may cause false alarm.)

