Instruction manual of operation
DM1013

Product description

This product is an air quality monitor that can detect formaldehyde (HCHO), temperature and humidity.
The semiconductor air quality gas sensor adopts multi-layer thick film manufacturing technology. The heater and metal oxide semiconductor gas sensitive layer are fabricated on both sides of the micro Al2O3 ceramic substrate and packaged in the metal shell.
When the detected gas exists in the ambient air, the conductivity of the sensor changes. The higher the concentration of the gas, the higher the conductivity of the sensor.It has the characteristics of good selectivity and long life. This product is real-time monitoring formaldehyde (HCHO), temperature and humidity.

Pay attention to

Please read the instructions carefully before using the device.
Please allow the equipment to work outdoors for the most accurate results. Please keep the manual handy for quick reference and troubleshooting.Avoid covering the intake area during use to avoid inaccurate measurement.Avoid using solvents to clean products, as residual fumes can distort readings of air quality used.Avoid using water or other liquids near the product to avoid electrical damage.
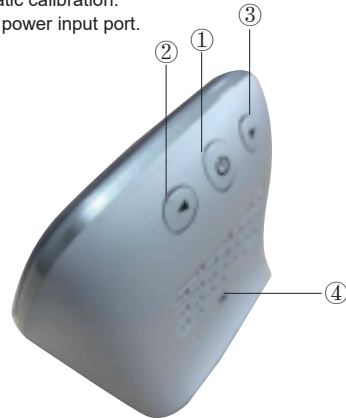Unauthorized modification or repair of the product is not allowed.

Instructions for

1.Start the

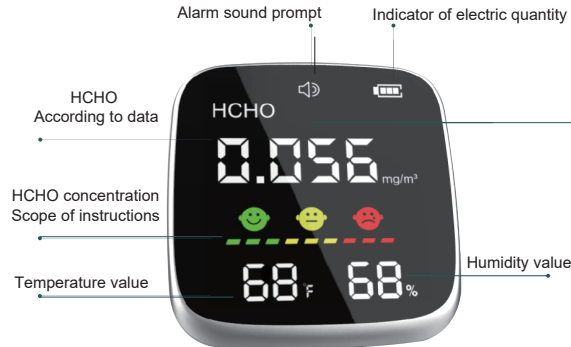When you long press the power button in the center, it will start up and enter the automatic test.

2.The key that

1.Power button. Press the power button to power on, long press the power button to shut down, and press it twice continuously for setting.
2.UP button to adjust the number upward. Long press to turn off the alarm sound.
3.DOWN button to adjust the number DOWN. Long press is automatic calibration.
4.USB power input port.

3.Display Content Description

Alarm sound prompt
Indicator of electric quantity
HCHO According to data
HCHO concentration Scope of instructions
Temperature value
Humidity value

4.HCHO Hints for concentration values

0.0mg/m³-0.1mg/m³According to

0.101mg/m³-0.3mg/m³According to

0.301mg/m³-1.999mg/m³According to

5.HCHO Alarm sound setting

Press the power button twice continuously to enter the setting mode, and then the HCHO value will flash.
Press the UP or DOMN to adjust the parameters.
(Values can be set from 0.08 to 0.2)
Press the power button again to set it successfully.

6.HCHO alarm

If HCHO is greater than the set value, the buzzer will sound an alarm. If the HCHO value has been rising, there has been an alarm sound. If it descends from top to bottom, there will be no alarm sound.
Long press UP button to turn off the alarm or turn on the alarm sound.

7.charging

Use 5V1A power adapter to connect to the machine with USB cable, power symbol will turn red, if full will turn green.

5.HCHO Alarm sound setting

According to	LEDAccording to，size：59*67mm
HCHO Test and test method	Metal oxide semiconductor testing
HCHO Sampling time	1.0 seconds
HCHO unit	mg/m³
HCHO Test range	0mg/m³ to 1.999mg/m³ ±10%
Temperature, humidity range	-Temperature 14°F to 140°F error:±2°F humidity： 20% to 90% error:±5%
The battery	Lithium ion battery1600mA
USB input voltage	DC5V 1A
Storage temperature	-10℃ to 60℃