EN

INKBIRD PLUS
Air Detector

CO2 ppm
0467

PTH-10C

Specification

Carbon Dioxide: 400~5000 ppm [±(50ppm + 5%)]
CO2 Sound Alarm Range: (default) 1500 ppm
Battery: Built-in lithium ion polymer battery (3.7V, 1000mAh)
Input: Type-C, DC 5V ~ DC 24V (Max)
Fast charging protocol: QC2.0, PD3.0, AFC, USB C UFP (BC1.2 DCP CDP SDP) and other common fast charging protocols
Storage Temperature: -10℃ ~ 55℃ / 14°F ~ 131°F
Product Size: 76mm × 70mm × 30mm (2.99 in × 2.75 in × 1.18 in)
Packing List:
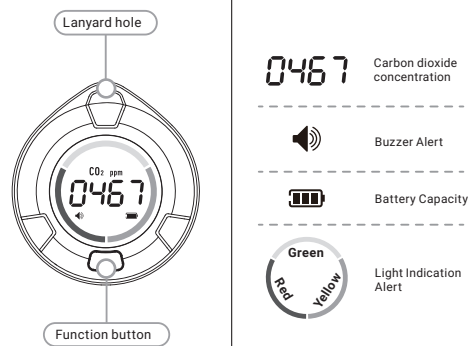PTH-10C × 1; Type-C Cable × 1; lanyard × 1; Users Manual × 1

Warning !

The carbon dioxide measurement function and over-standard alarm provided by this product are for reference only and cannot be used as the sole basis.

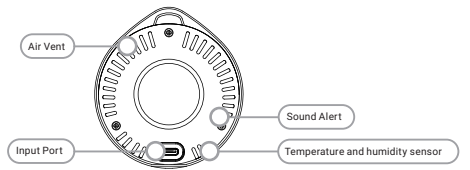During daily use, pay attention to safety and keep good ventilation at all times to avoid danger!

Product Introduction

Screen display and button

Lanyard hole

CO2 ppm
0467

Function button

Carbon dioxide concentration

Buzzer Alert

Battery Capacity

Green
Red Yellow
Light Indication Alert

Air Vent

Sound Alert

Input Port

Temperature and humidity sensor

Light Indication Alert

When the carbon dioxide concentration is 400~699ppm, the green indicator bar flashes, indicating that the carbon dioxide concentration is at a low level.
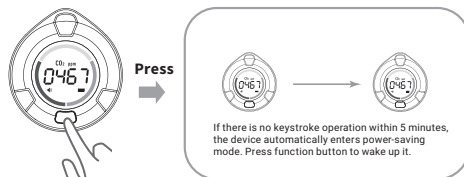
In the initial state, when the carbon dioxide concentration is above 1500ppm, the red indicator bar flashes, indicating danger (in the initial default state, there is an audible alarm).

Green
Red Yellow

Note:
If the product resets the alarm value, when the carbon dioxide concentration exceeds the alarm value, the red indicator bar starts to flash with alarm sounds.

In the initial state, when the carbon dioxide concentration is 700~1499ppm, the yellow indicator bar flashes, indicating alert.

Operation
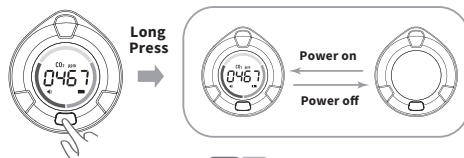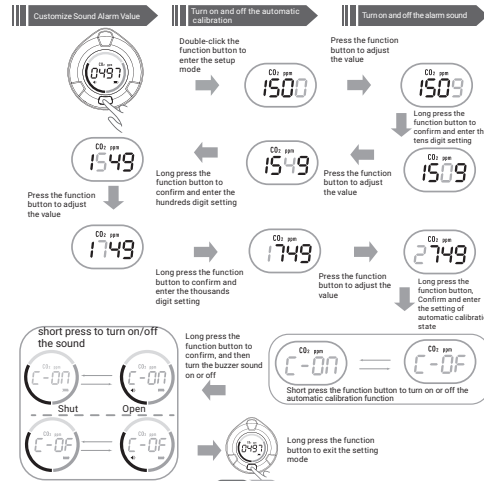
Press function button

Press

If there is no keystroke operation within 5 minutes, the device automatically enters power-saving mode. Press function button to wake up it.

Long press function button

Long Press

Power on
Power off

Customize Sound Alarm Value

Double-click the function button to enter the setup mode.

Press the function button to adjust the value

Long press the function button to confirm and enter the hundreds digit setting

Long press the function button to confirm and enter the thousands digit setting

Turn on and off the automatic calibration

Press the function button to adjust the value

Press the function button to adjust the value

Press the function button to adjust the value

Long press the function button to confirm and enter the setting of automatic calibration state

Turn on and off the alarm sound

Long press the function button to adjust the value

Long press the function button to confirm, and turn the buzzer sound on or off

short press to turn on/off the sound

Shut / Open

Short press the function button to turn on or off the automatic calibration function
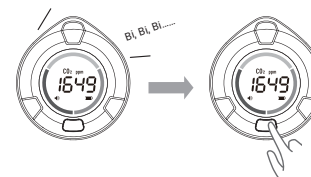
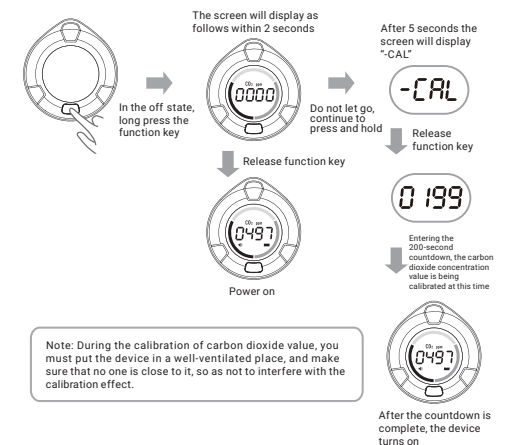Long press the function button to exit the setting mode

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▲ During the setting process, if there is no keystroke operation within 15 seconds, the device will automatically save the current setting operation and exit.

▲ After the sound function is turned on, short-press the function key when the over-standard alarm is triggered, and the alarm will stop. But when the value is lower than the alarm value and rises to exceed it again, it will trigger the alarm again.

Bi Bi Bi......

Calibrating CO2 measurements manually

In the off state, long press the function key

Release function key

Power on

The screen will display as follows within 2 seconds

Do not let go, continue to press and hold

After 5 seconds the screen will display "-CAL"

-CAL

Release function key

0199

Entering the 200-second countdown, the carbon dioxide concentration value is being calibrated at this time

Note: During the calibration of carbon dioxide value, you must put the device in a well-ventilated place, and make sure that no one is close to it, so as not to interfere with the calibration effect.

After the countdown is complete, the device turns on

Note

▲ Do not expose this product to water and dust, nor place it in a high temperature environment exceeding 70°C, and keep it away from fire.
▲ Do not expose this product directly to avoid danger.
▲ The device is a precision measuring instrument, and it is not allowed to disassemble it without authorization.
▲ Please charge the device with a charging plug that meets the specifications, otherwise the internal parts may be damaged.
▲ The charging cable and charging plug must support the relevant fast charging protocol at the same time in order to realize fast charging.
▲ When charging, due to the heating of the charging circuit and the battery, the temperature and humidity value may be 3°C ~ 5°C higher than the normal value. To obtain an accurate temperature and humidity measurement value, please read it after the device cools down to room temperature.
▲ If you do not use this device for a long time, it will take about 20 minutes for the internal sensor to warm up when rebooting.
▲ If you want to stay out of use for a long time, please charge the device first, then turn it off and put it away.

1 year warranty against quality issues caused by any manufacturing defect or defective workmanship,but excludes disposable batteries or damage caused by accident, neglect, misuse, alteration, contamination, or abnormal conditions of operation or handling.

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RoHS

Made in China