

INKBIRD



Wi-Fi Carbon Dioxide Detector

PTH-9CW

U s e r M a n u a l V1.0

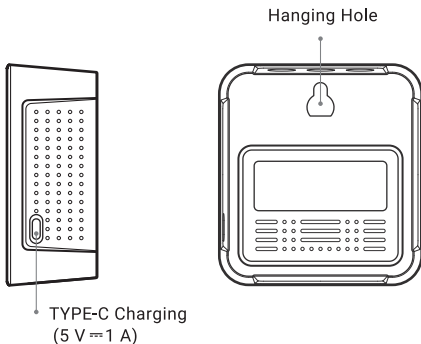
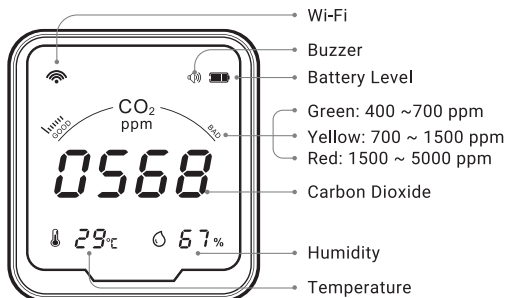


Warm tips

- To quickly jump to a specific chapter page, click on the relevant text on the contents page.
- You can also use the thumbnail or document outline in the top left corner to quickly find a specific page.

CONTENTS

01. Product Introduction	1
02. Specification	2
03. Operation Instruction	2
04. Warnings	10
05. Product Warranty	11



02

Specification

Carbon Dioxide Range: 400 ~ 5000 ppm [$\pm(50\text{ppm} + 5\%)$]

Temperature Range: $-10^{\circ}\text{C} \sim 40^{\circ}\text{C}$ ($\pm 2^{\circ}\text{C}$) / $14^{\circ}\text{F} \sim 104^{\circ}\text{F}$ ($\pm 3.6^{\circ}\text{F}$)

Humidity Range: 20 ~ 80 % RH (± 5 % RH)

Product Size: 98 × 90 × 40 mm

Power Supply: Built-in Lithium Battery (2400mAh)

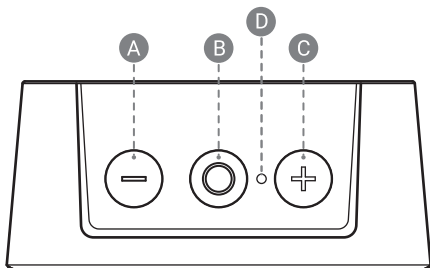
Wireless Connection: Wi-Fi (only for 2.4GHz Wi-Fi network)

Input: 5 V \equiv 1 A

Packing Contents: PTH-9CW × 1; User Manual × 1; TYPE-C Charging Cable × 1

03

Operation Instruction





- ① In normal mode, short press it to turn on/off the backlight;
 - ② In the setting mode, short press it to decrease a value;
 - ③ Long press it to enter or exit the network configuration state.
-



- ① Long press it to turn on/off the device;
 - ② Double-click it to customize the CO₂ alarm threshold.
-



- ① In normal mode, short press it to switch between °C or °F;
 - ② In the setting mode, short press it to increase a value;
 - ③ Long press it to turn on/off the buzzer.
-



Reset Button:

Press it with a pointed object to reset the device.





◆ Calibration:

After powering off, long-press the three buttons simultaneously to enter the calibration mode. We can see the device count down within 200 seconds and automatically calibrate. We should put it outdoors with no one around the device.

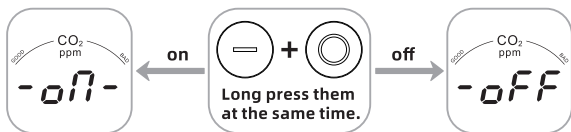
Note:

When the carbon dioxide concentration value exceeds 1500 ppm, and the buzzer is on, the buzzer will sound an alarm. We can long press the (+) button to cancel the alarm.

◆ Alarm Setting:

We can customize the CO₂ alarm threshold by double-clicking the  button to enter the setting mode, then pressing the  or  button to set a value. Press the  button again to confirm the setting and return to normal mode.

◆ CO₂ Automatic Calibration



- The automatic calibration function is off by default;
- After the automatic calibration function is turned on, the first self-calibration period after power-on is 24 hours, and the subsequent self-calibration period is 7 days. It will recalculate the time if the device is turned off and on again.
- Please do not turn on the automatic calibration if the device was kept in a space where CO₂ ≥ 1000ppm, like grow tent, for a long time. It could be calibrated manually when needed.
- Please keep the device in a ventilated space where CO₂ is about 400ppm when processing the manual calibration.

◆ APP Connection



INKBIRD APP

Search the keyword "INKBIRD" in App store or Google Play, or scan the following QR code to download and install the APP.

Open the app and enter the login interface. You can log in by your Apple ID, Google ID, or Facebook ID. You can also click register and use your email address as prompted to register.

10:24

Login

China >



Email

Password

☐ Remember the Password

Sign in

Log in using a different account

Forgot Password Register

10:24

Register

China >

Email

Enter authentication code Send

Password

Enter password again

Register

Login

◆ APP Connection



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10:24

Login

China >



Email

Password

☐ Remember the Password

Sign in

Log in using a different account

Forgot Password Register

10:24

Register

China >

Email

Enter authentication code Send

Password


Enter password again


Register


Login

3

Choose a Wi-Fi network and enter the password. Then, click “Next” to the next step. **Note: The device only supports 2.4GHz Wi-Fi networks.**



Please select Wi-Fi

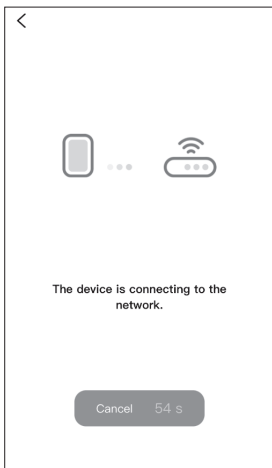
Enter the password

Please select the Wi-Fi you want to connect to and enter the password.
If no password is needed, you do not need to enter it.

Next

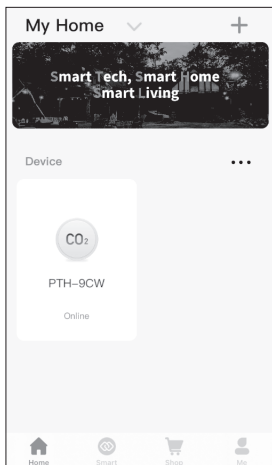
4

Long press the button on the device to enter the network configuration state. Then, click "Next" to start the connection.



5

Connection Succeeded.



Note:

1. During the connection process, it is necessary to ensure that the distance between the device and the mobile phone is within 30 meters, as Wi-Fi is a short-distance connection.

2. During the connection process, please ensure that the device and the mobile phone are in the same Wi-Fi environment and only support the 2.4GHz Wi-Fi signal mode.

04

Warnings

1. Do not expose this product to water or place it in a high-temperature environment above 60°C, and keep it away from fire.
2. This product is a precision measuring instrument, and it is not allowed to disassemble the machine without authorization.
3. We cannot place it in an environment full of dust or corrosive gas for measurement.
4. When measuring the environment in the car, please do not expose the product to direct sunlight for a long time.
5. According to the WEEE Directive (2012/19/European standard), at the end of the product's useful life, we should discard the instrument and batteries to the appropriate recycling center. Do not dispose of the device with normal household waste. Do not burn the product.

1 year warranty against any manufacturing defects or faulty workmanship. This warranty does not cover fuses, disposable batteries or damage from accident, neglect, misuse, alteration, contamination or abnormal conditions of operation or handling.

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