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CARBON MONOXIDE DETECTOR

USER MANUAL

Model: PT06

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microSD card status

Buzzer status

Carbon monoxide concentration

Air pressure

Temperature

Button A

Battery level

Altitude

Air humidity

Indicator lights

Button B

CO **0000** PPM

988 hPa   229 m

Temperature 🌡23℃   Humidity ◔64%

Power button

microSD card slot

USB-C charging port

Main Function of Buttons

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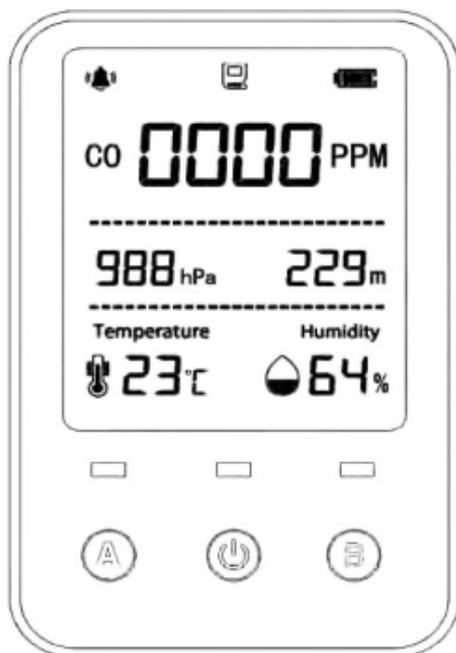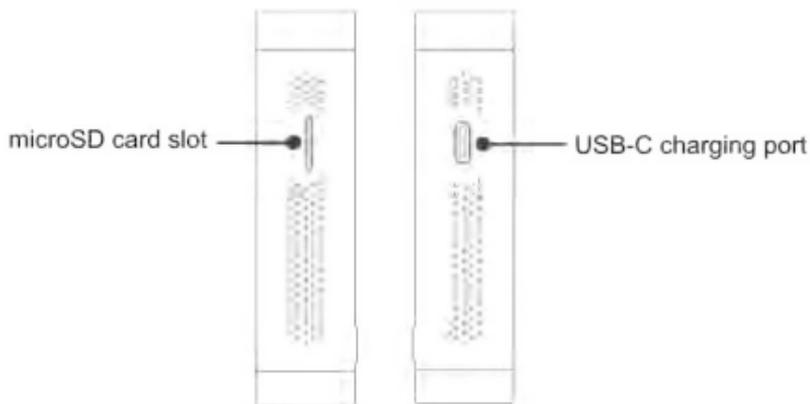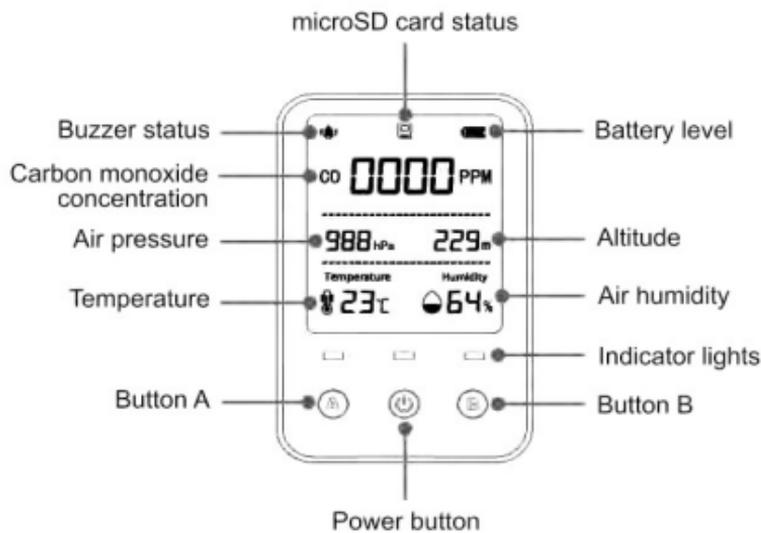
1. Power Button:
Long press to turn on or turn off the device.

2. Button A:
Short press to change temperature unit;
Long press to turn off the buzzer (audible alarm) temporarily.

3. Button B:
Short press to change the altitude unit;
Long press to switch between absolute altitude (based on the sea level) and relative altitude (altitude difference).

Instructions

1. Turn on and turn off the device:
Long press the power button to turn on or turn off the device.

2. Change the temperature unit:
Short press the button A to switch the temperature unit between Celsius (℃) and Fahrenheit (℉).

3. Change the altitude unit:
hort press the button B to switch the altitude unit between meter (m) and feet (ft).

4. Switch between absolute altitude and relative altitude:
Long press the button B to switch the altitude display between absolute altitude (based on the sea level) and relative altitude (altitude difference).
This function is used to conveniently measure the altitude difference between two locations. You can long press the button B to set the altitude reading to 0 in a location, and then move to another location. The altitude reading in the second location is the altitude difference between the two locations. Long press the button B again, the device will recover the default display of absolute altitude.

5. Turn off the buzzer (audible alarm):
Long press the button A to temporarily turn off the buzzer. After 5 minutes, the device will automatically turn on the buzzer again.

6. Use memory card to record data:
This device can automatically record the measured values of all the sensors after you insert a microSD card into it. The measured values will be recorded every 5 minutes and saved in the form of a spreadsheet on the microSD card. You can import the data from the microSD card to your computer for further data processing if needed.

7. Set the system time of the device for data recording:

Every time after you insert a microSD card into the device, you need to set the system time of the device according to the local time in your area. The steps are as follows:

1). Insert a microSD card into the SD card slot, then the device will automatically enter the time setting mode.

2). Short press the power button to select the number you want to modify - year, month, date, hour or minute. The selected number will blink.

3). Short press the button A to increase the number and short press the button B to decrease the number;

4). Long press the power button to save your settings and exit the time setting mode.

Note: If you want to change the system time of the device, you need to remove the SD card and then insert it into the SD card slot again to enter the time setting mode.

8. Automatic backlight off:

This device will automatically turn off the backlight of screen and enter standby mode for power saving after a minute of inactivity. In standby mode, the device will continue working and monitor the carbon monoxide concentration continuously. You can press any button to light up the screen again.

Note: In standby mode, the green indicator light blinks periodically to indicate that the device is working.

9. Low battery voltage alarm:

When the battery voltage falls lower than the working voltage, the device will sound an audible alarm every 5 minutes.

Carbon Monoxide Concentration Alarm

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According to the level of carbon monoxide concentration, the device will sound an audible alarm and the corresponding indicator light will light up.

    0-50 ppm: No alarm and the green indicator light will light up.
    51-200 ppm: The alarm will sound once every 2 minutes and the orange indicator light will light up.
    201-1000 ppm: The alarm will sound continuously and the red indicator light will light up.

Note: When the device is sounding an audible alarm, you can long press the button A to temporarily turn off the buzzer. After 5 minutes, the device will automatically turn on the buzzer again.

Technical Specifications

Product model: PT06
Carbon monoxide measuring range: 0 to 1000 ppm (±5%)
Temperature measuring range: -10℃ to 60℃/14°F to 140°F (±3%)
Air humidity measuring range: 5% to 95% RH (±5%)
Atmospheric pressure measuring range: 300 to 1100 hPa (±0.12 hPa)
Altitude measuring range: -500 to 9000 m (±1 m)
Data refresh frequency: 2 seconds
Power supply: built-in lithium battery (2000mAh/3.7V)
Charging input: DC 5V/2A
Working environment temperature: 0℃ to 50℃/32°F to 122°F
Working environment humidity: 20% to 80% RH
Product dimension: 88 x 54 x 22 mm
Product weight: 100 g
Packing list: PT06 x1; USB charging cable x1; microSD card x1; user manual x1

Note: The atmospheric pressure measured by this device is based on the average atmospheric pressure at sea level and the measurement of altitude is converted from the measurement of atmospheric pressure.

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1. Keep this product away from water, corrosive liquids and fire sources.
2. Do not use or store this product in an environment with temperature over 60 ℃.
3. Do not disassemble this product by yourself, otherwise the warranty will be invalid.
4. Do not use this product frequently in places with poor air quality, such as dusty environments.
5. Please charge the product with a power adapter that meets the technical specifications.
6. At the end of the product's life, please dispose of the product and the battery at a corresponding recycling center. Do not throw this product away with normal household wastes.

Warranty

We offer one year warranty against any quality problems caused by manufacturing or workmanship defects, excluding disposable batteries or damages caused by accident, negligence, modification, improper use or handling.

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