



USER MANUAL

CO₂ DETECTOR

SL-DC02



User Notes:

Please read carefully the user manual before using the product at the first time, it will help you to familiar with the product better.

- Learn all the functions, operation details and important suggestions when the product breakdown.
- Comply with the guideline, to avoid the product damage and loss caused by incorrect operation.
- We undertake no responsibility for the damage and risk which caused by non-compliance the user manual.
- We undertake no responsibility any results caused by incorrect reading of the user manual.
- Please pay much attention to our safety suggestions.
- Please keep the user manual properly for future reference.
- It is not permitted for the unauthorized repair, change and modification. The product can only be used under the user manual guided.
- Please do not expose the product under the extreme temperature, shock and hit.

Caution!

- Please put the product and battery on the place out of reach of children.
- With built-in lithium battery, dismantlement is forbidden.
- Forbid throwing the product and battery into fire, there will be an explosion risk.

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1. Product Description

The SL-DC02 Multifunctional CO₂ Detector detects temperature, humidity and CO₂ concentration. When CO₂ concentration in the room reaches a certain concentration, the alarm will send out sound warning alarm.

Package:

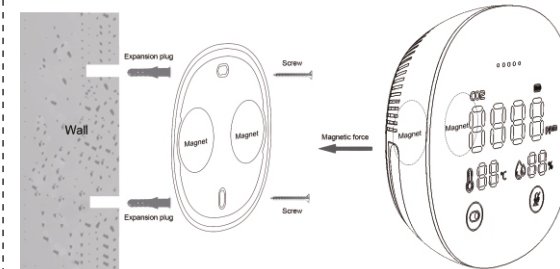
CO ₂ Detector * 1	user manual * 1
Type-C cable * 1	Adapter * 1(optional)

2. Technical Parameters

Model	SL-DC02
Battery parameter	DC 5V/1A (Type-C USB)
Battery Cell	3.7 V built-in lithium battery
Battery Capacity	2000 mAh
Wireless Protocol	WiFi
Frequency Range	2412 - 2472 GHz
Versions	802.11 b/g/n
RF Conducted Power	11b: 16 dBm 11g: 15 dBm 11n: 14 dBm
Battery Running Time	12 hours
Product Life	10 years
CO ₂ Measuring Range	400 - 5000 ppm

CO ₂ Measuring Accuracy	1 ppm
CO ₂ Measuring Tolerance	±50 ppm + ±5%
Temperature Measuring Range	0 °C - +65 °C
Temperature Measuring	±1 °C
Humidity Measuring Range	0 - 99% RH
Humidity Measuring Tolerance	±5% RH
Button Type	Touch Button
Display Type	LED
Size	100 * 100 * 30.5 mm

3. Installation Instruction



- Drill hole on the wall and put in the expansion bolt.
- Assemble the mounting plate, tighten the screw, please note that the iron plate face the wall.
- Assemble the device align with the mounting plate, adjust the location and angle to guarantee the device and mounting plate totally fastened.

4. Operation Instruction



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Button	ON		OFF	
	long press	short press	long press	short press
	Hold down for more than 2 seconds shutdown	switch brightness	Hold down for more than 2 seconds turn on	no-operation
	Hold down for more than 2 seconds Toggle volume	switch mute or not	no-operation	no-operation

Notes :

the CO₂ concentration is 400ppm when turn on, please wait for 50 s for self-calibration before operation.

★ Wireless Connection Instruction :

After power on, long press for more than 6s, hear a long buzzer, and the signal indicator flashes, indicating the wireless pairing mode.

1. Open the Tuya Smart or Smart Life app, click the "+" icon under the menu of "My Home" or directly click "Add Device" to add your first device.
2. Please choose Sensor-CO₂ Sensor (Bluetooth +Wi-Fi) to enter WiFi networking interface.
3. Select "Confirm indicator blinking" and then select "Flash" to input the WIFI account name and password for network distribution.

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4. After the network distribution is completed, the signal indicator stops blinking quickly and turns to steady on, and the device will appear in the interface of "My Home".

5. Alarming State

CO ₂ Concentration (ppm)	Indicator Color
400 - 799	Green
800 - 1599	Yellow
1600 - 5000	Red

6. Battery Indicator

Battery State	Connect Charger		Not Connect Charger	
	ON	OFF	ON	OFF
full battery	green	go out	go out	go out
high battery	green	green	green	
moderate battery	green flash	green flash	yellow	
low battery	green flash	green flash	red	
no battery	green flash	green flash	shutdown	

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Notes:

- The device shutdown automatically when battery voltage is too low.
- The battery indicator will flash red 3 times with beep when try to turn on if no battery, and not connect the charger.

7. Low Battery Alarming

Battery icon turn red: 2 chirps are heard periodically.

Please note that the hush icon can not mute the low battery alarming, it can stop alarming automatically after connecting the charger.

8. Self-calibration

Please keep the device run continuously for 48 hours for self-calibration after you received it, it is better run continuously in a room with good ventilation.

9. Troubleshooting

- The device shows 0000 and remind CO₂ sensor fault when detect the sensor damage or no connection.
- The device shows 99°C, 99% when detect the temperature & humidity sensor damage or no connection.

10. Care and Maintenance

- Clean with soft wet cloth, solvent or detergent is forbade.
- Do not use under extreme environment to avoid danger caused by battery.
- Please charge the device fully regularly if stock for a long time.

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11. Waste Disposal

- Made of top-ranking materials and components, can be recycled and reused.
- Do not dispose the product as general household waste.
- As customer, you are obliged to take the scrapped product to the specified place for electrical & electronic devices, to guarantee the proper dispose.

12. Contact Us

Thanks for choosing our Multifunctional CO₂ Detector. This detector is under our company warranty. For any quality issue or device failure, please contact us. We are dedicated in providing excellent service and quick response!

Hereby Spacetronek Sp. z o.o. declares under its sole responsibility that the product SL-DC02 is in conformity with following directives: RED (2014/53/EU), RoHS (2011/65/EU + 2015/863/EU). Full document (declaration of conformity) is available for download from the website www.spacetronek.store.

The WEEE symbol (the crossed-out wheeled bin) using indicates that this product is not home waste. Appropriate waste management aids in avoiding consequences which are harmful for people and environment and result from dangerous materials used in the device, as well as improper storage and processing. Segregated household waste collection aids recycle materials and components of which the device was made. In order to get detailed information about recycling this product please contact your retailer or a local authority.

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