



NESTOUT

OD-NESTCOM1

Manual(English) ▶ p.2 - p.19

使用説明書(中文・繁体) ▶p.20 - p.37



NESTOUT

OD-NESTCOM1

Manual (English)

Thank you very much for purchasing this product.
This manual details the operation method and precautions for the safe handling of the product.
Please read the manual before use. Store the manual for safekeeping once you have finished reading.

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Safety precautions (Be sure to always follow these precautions)

Safety precautions

- Before using the product, read these safety precautions carefully and use the product correctly. Store the manual for safekeeping once you have finished reading.
- Be sure to follow the precautions described here to prevent hurting yourself and others or damaging property.

About the icons

- The following icons describe the different degree of harm or damage which may result from incorrect use or failure to observe the precautions.

 DANGER	This icon indicates that there is a particularly high risk of death or serious injury ^{*1} to the user if the product is improperly handled.
 WARNING	This icon indicates that there is a risk of death or serious injury ^{*1} to the user if the product is improperly handled.
 CAUTION	This icon indicates that there is a risk of injury ^{*2} to the user or damage to property ^{*3} if the product is improperly handled.

^{*1} Serious injury: refers to harms that cause consequences such as blindness, injuries, burns (high and low temperatures), electric shock, fractures, and poisoning that require hospitalization or long-term hospital visits for treatment.

^{*2} Injury: refers to harms that cause consequences such as injuries, burns (high and low temperatures), and electric shock that do not require hospitalization or long-term hospital visits for treatment.

^{*3} Property damage: refers to extended damage to homes, household property, livestock, pets, and such.

About the pictograms

The instructions in this manual and the labels on the product use various pictograms to ensure the safe and correct use of the product and to prevent harm to you and other people or damage to property. The pictograms and their definitions are as follows. Fully understand them before reading the main text.

	This pictogram indicates prohibited actions. Specific details are depicted in or near the image.
	This pictogram indicates mandated actions. Specific details are depicted in or near the image.
	This pictogram indicates warnings or cautions. Specific details are depicted in or near the image.
	This pictogram indicates matters that should be cared about.

 DANGER

	This product is designed to measure and display the carbon monoxide (CO) concentration in the ambient atmosphere. It does not directly prevent carbon monoxide accidents by reducing carbon monoxide or promoting ventilation. The user must fully understand the dangers of carbon monoxide when using a fire in a tent or sleeping in a car, and take accident prevention measures independent of the product, using various devices such as a ventilator in an appropriate manner.
	The product is an outdoor carbon monoxide alarm for general household use. Do not use the product for the following purposes: • Long-term monitoring and management of carbon monoxide concentrations beyond the battery life (five days) • In place of a fire alarm • Monitoring and management of carbon monoxide concentrations in industrial applications • Monitoring and management of carbon monoxide concentrations to comply with laws and regulations
	Do not block the air inlet. Doing so will prevent carbon monoxide detection.
	Follow our specified charging conditions. Charging under improper conditions may cause heat generation, leakage, or explosion of the rechargeable battery.
	Do not use the battery if it is leaking. Do not use the built-in rechargeable battery if it is leaking. Doing so may cause heat generation or explosion.
	Stop using the product if you notice any abnormalities. Do not use the product if you notice leakage, discoloration, deformation, or any other unusual symptoms. Continuing to use it may result in heat generation or explosion.
	Wash your body and clothing with clean water if they are contaminated by liquid from the product. Liquid from the built-in rechargeable battery may damage your skin if it comes into contact with your skin or body parts.
	Liquid from the built-in rechargeable battery may cause blindness if it gets into your eyes. Immediately rinse your eyes thoroughly with clean water without rubbing them and seek medical attention.
	Evacuate immediately if the product detects carbon monoxide and issues an alarm. After ensuring safety, take necessary actions such as putting out open flames and ventilating the area.
	Evacuate immediately if you notice any abnormalities in the product's operation. After ensuring safety, make sure that there is no carbon monoxide in the area (that no burning appliances are installed or in use), and then stop using the product. If the cause of the abnormalities is unknown, consult your dealer.

WARNING

	Do not drop or hit the product. Immediately stop using the product if it is damaged. Then consult your dealer. Using the damaged product may cause fire or electric shock.
	Do not disassemble, modify, or repair the product by yourself. Doing so may cause fire, electric shock, or malfunction. The product will not be covered by the warranty if such actions are exercised.
	Do not throw the product into a fire. Doing so may cause explosion, resulting in fire or injury.
	Do not use wet hands to connect and disconnect the USB connector. Doing so may cause fire or electric shock.
	Do not install the product in the following places: • Places at extremely high or low temperatures above 50°C (122°F) or below -10°C (14°F) • Places near a fire source or under direct sunlight • Extremely dry places with humidity below 10% • Places directly exposed to liquids such as rain, splashes, and droplets of water • Places exposed to vibrations or unstable places that easily cause the product to fall Doing so may cause the product to malfunction or prevent successful carbon monoxide detection, resulting in serious accidents.
	Do not use the product in places directly exposed to rain or other liquids. • The product is dustproof and waterproof, conforming to IP54 when the connector cover is properly closed. • Use or store the product in places away from water or other liquids when the connector cover is not completely closed. • IP54 conformity provides protection against water splashes but not strong water jets or submersion. Damage caused by submersion will not be covered by the warranty. • Do not allow the product to come into contact with any liquids other than fresh water. Doing so may deteriorate the surface and reduce the waterproof performance, resulting in malfunction.
	Do not store the product together with fuels, detergents, paints, sprays, or chemicals. Exposing the product to volatile organic compounds, alkaline gases (such as ammonia), or acidic gases (such as hydrogen sulfide) may cause the sensor to deteriorate, preventing successful carbon monoxide detection.
	Stop using the product immediately if water or foreign materials such as metal fragments get into it. Continuing to use it may result in fire or electric shock.
	Stop using the product immediately if it shows abnormalities such as heat generation, smoke, or odors. Then consult your dealer. Continuing to use it may result in fire or electric shock.

WARNING

- | | |
|--|--|
|  | <p>If the product becomes dirty, wipe it with a soft, dry cloth. If the dirt is severe, wipe it off with a cloth soaked in water or diluted neutral detergent and wrung tightly.</p> <p>Using non-neutral detergents, organic solvents (such as benzine, thinner, alcohol), or other chemicals may cause the sensor to deteriorate, preventing successful carbon monoxide detection.</p> |
|--|--|

CAUTION

- | | |
|--|---|
|  | <p>Charge the product regularly.</p> <p>If you do not use the product for a long period of time, charge it approximately once a month. Failure to do so may cause the battery to expand or deteriorate.</p> |
|  | <p>Keep the product out of reach of children.</p> |

- | | |
|--|--|
|  | <p>The product has adopted a sensor unlikely to cause false detection due to gases other than carbon monoxide. However, it may still react to some substances such as hydrogen gas (H₂) and acetylene, causing false detection and increasing the reading in areas without carbon monoxide.</p> |
|--|--|

- | | |
|--|--|
|  | <p>Follow your local laws and regulations when disposing of the product.</p> |
|--|--|

Lithium-ion battery

The product contains a built-in lithium-ion battery. By their nature, lithium-ion batteries deteriorate in performance over time, even if they are used in a normal manner. It is not a malfunction if the time required for a full charge increases or the battery operation time decreases.

If the operation time of a fully charged battery becomes significantly shorter, the battery has reached the end of its life. However, it cannot be replaced.

Request for recycling lithium-ion batteries



Li-ion 20

- Lithium-ion batteries are a valuable resource that can be recycled. Your cooperation is appreciated.
- Do not dispose of the product as general household waste. A discarded lithium-ion battery may be damaged in a garbage truck and cause a short circuit, resulting in fire or heat generation.
- Follow your local laws and regulations when disposing of the main body. For local regulations, consult your local government.
- Do not disassemble the battery when disposing of it.

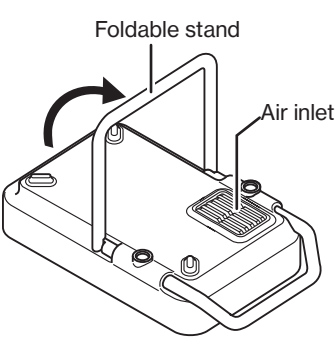
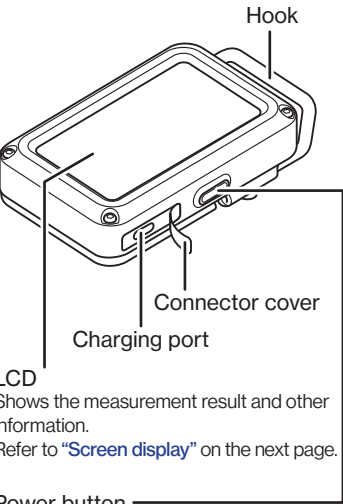
Verification of package contents

Verify the package to ensure all contents are present prior to using the product. Every effort has been made to ensure proper packaging. However, in the event any shortage or damage is discovered, contact your dealer.

- Main unit
- USB Type-C® – Type-C cable (0.1 m/0.33 ft) excluding the connector part)
- Storage bag

*No USB charger is included. Prepare a USB charger of 5 V/1 A or more output separately.

Names of parts

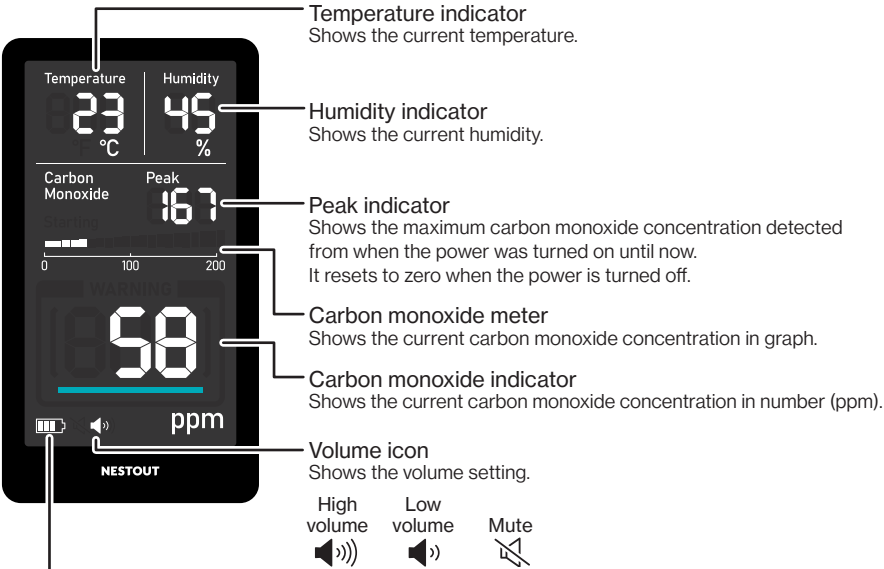


Power button
Used to turn the power on and perform controls.

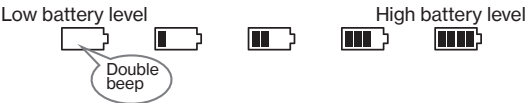
Status	Button operation	Control
Anytime	Hold down for 1.5 seconds.	The power turns on or off.
When the screen is unlit (power-saving mode)	Press.	The screen is lit.
When the screen is lit	Press.	The unit switches between Celsius (°C) and Fahrenheit (°F).
	Double-press.	The alarm volume changes.
With a warning issued	Press.	The screen's brightness changes.
	Double-press.	An alarm is suspended.

Names of parts (continued)

Screen display



Battery icon and battery level bars
More battery level bars mean a higher remaining battery level.
The bars blink during charging.



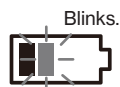
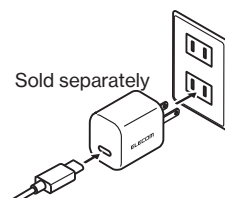
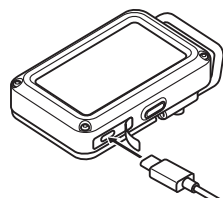
The beep sounds at 15-minute intervals when the battery level is low.

Charging the product

Be sure to fully charge the product before using it for the first time, after leaving it unused for a long period of time, or if the battery runs out during use.

Charging time: approximately 2.5 hours (may vary depending on the operating environment)

- ① Open the connector cover of the main unit and connect the USB Type-C cable to the charging port.
(Recommended cable: the supplied charging cable)
- ② Connect the cable to a commercially available USB AC charger before connecting it to an AC outlet.
(Recommended USB AC charger: ELECOM USB Type-C AC charger)
- ③ A battery level bar blinks, and charging starts.
- ④ When charging is completed, the battery level bars will all light up.
Disconnect the USB Type-C cable from the main unit.
- ⑤ Close the connector cover tightly.

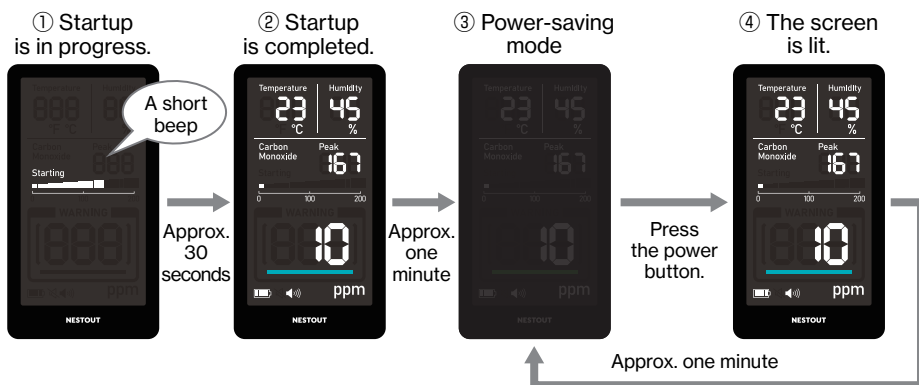


- ❗ • Avoid charging the product at extremely high or low ambient temperatures.
- Charging does not start to protect the built-in battery at 0°C (32°F) or lower or 40°C (104°F) or higher, even if a charger is connected. Charging becomes slow at temperatures from 0 to 15 °C (32 to 59°F). (Charging time: approximately six hours)
- The temperature indicator may show a slightly higher value during charging. It will show an actual value once charging is completed.
- Use a USB AC charger of 5 V/1 A or more output.
- Charging with a transformer such as a travel converter may cause heat generation or fire.
- The charging time may vary when you first start using the product (immediately after purchase) or if you leave the product unused for six months or more.
- Repeated charging of the product will gradually shorten the operating time when fully charged. If the operating time is significantly shorter, the battery has reached the end of its life. However, it cannot be replaced.

How to operate

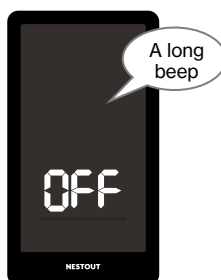
■ Turning the power on

- ① Press and hold the power button for 1.5 seconds before a power-on sound is heard and the startup starts.
- ② After the startup is completed in approximately 30 seconds, the measurement starts automatically. Once started, the product constantly measures the temperature, humidity, and carbon monoxide concentration and shows them on the screen.
- ③ If you do not press the power button for approximately one minute, the product will automatically enter the power-saving mode and the screen will become unlit. Measurements and other information continue to be updated in the power-saving mode, allowing you to check the current status.
- ④ To turn the screen lit again, press the power button.



■ Turning the power off

While the power is on, press and hold the power button for 1.5 seconds before a power-off sound is heard and the power turns off.

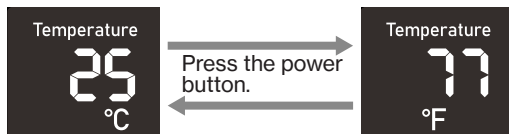


How to operate (continued)

■ Switching between Celsius (°C) and Fahrenheit (°F)

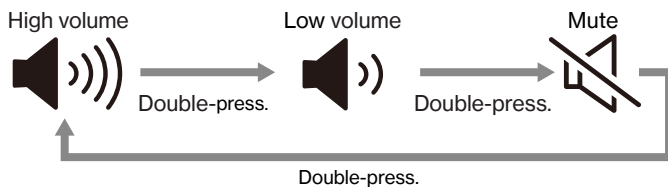
Pressing the power button while the screen is lit switches the unit between Celsius (°C) and Fahrenheit (°F).

The selected setting is stored after the power is turned off.



■ Changing the alarm volume

Double-pressing (pressing twice quickly) the power button while the screen is lit switches the alarm volume.



- A low alarm volume may make it difficult for you to notice a high carbon monoxide concentration. Be extremely careful about that.
- The set alarm volume is not stored for safety after the power is turned off, and returns to a high volume automatically the next time the power is turned on. Set the volume every time you turn the power on.

How to operate (continued)

■ When a warning is displayed

If the carbon monoxide concentration reaches an unsafe or dangerous level, the product enters the warning state, with the screen lit and an alarm sounding.

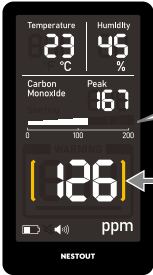
The warning state is automatically cleared in approximately one minute after the carbon monoxide concentration drops to 49 ppm or lower.

Caution	The carbon monoxide concentration remains between 50 and 99 ppm for 15 minutes, or becomes 100 to 199 ppm
Danger	If the CO concentration is 200 ppm or higher.



Immediately secure your safety when a warning is displayed, and take necessary actions such as putting out open flames and ventilating the area.

Caution



Two short beeps continue three times.

The yellow brackets are displayed.

Danger

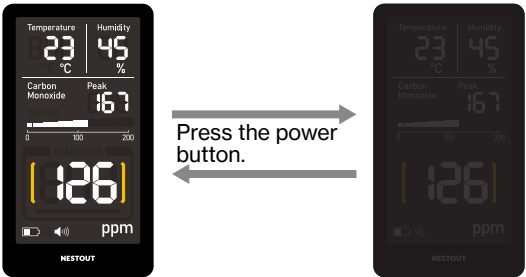


A long beep repeats.

The red frame is displayed.

Pressing the power button while a warning is displayed switches the lit and unlit state of the screen.

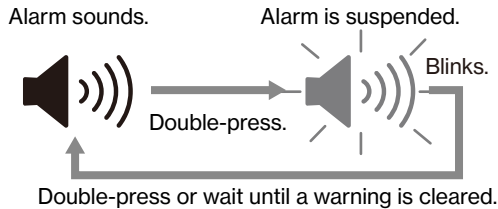
While an “Caution” warning is issued, if you do not press the power button for approximately one minute, the product automatically enters the power-saving mode and the screen becomes unlit.



How to operate (continued)

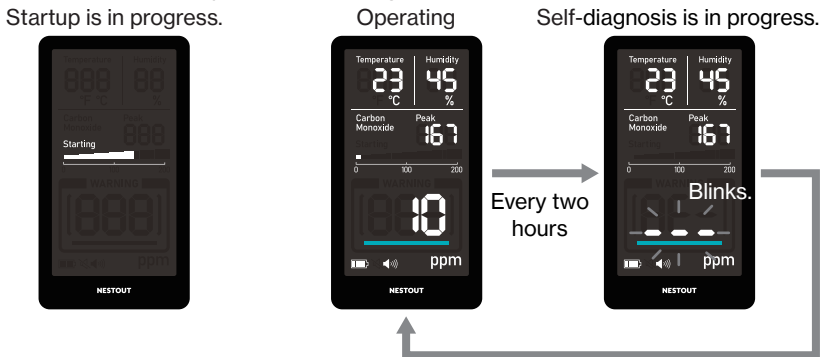
■ Suspending an alarm

Double-pressing (pressing twice quickly) the power button while a warning is displayed suspends an alarm. The volume icon blinks while the alarm is suspended. The suspended state is cleared by double-pressing the button again or when the carbon monoxide concentration drops and a warning is cleared.



■ Self-diagnosis of the carbon monoxide sensor

The product has a self-diagnosis function to detect sensor malfunctions. Self-diagnosis is conducted automatically during startup after the power is turned on, as well as every two hours while the product is operating. Self-diagnosis takes approximately 30 seconds, during which carbon monoxide concentrations are not displayed.



Returns to the normal state automatically in approximately 30 seconds if no problem is detected.

If any abnormality is detected by self-diagnosis, an error code is displayed.

EO1	Self-diagnosis error	Check the product's appearance for damage, and turn the power off and on. If the error persists, the product may be broken. Stop using it and consult your dealer.
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⚠ The self-diagnosis function is intended to increase the likelihood of correct carbon monoxide detection by detecting malfunctions that cause the product's built-in sensor to fail to work. It does not detect all malfunctions and failures in the product. In some cases, the product may fail to detect carbon monoxide correctly even if no problem is detected by self-diagnosis.

Typical examples:

- The air inlet is blocked and the product cannot take in carbon monoxide.
- The battery is exhausted and the power is turned off.
- A part other than the sensor has failed.
- The sensor deterioration has lowered the detection accuracy, and a value lower (or higher) than the actual carbon monoxide concentration is displayed.

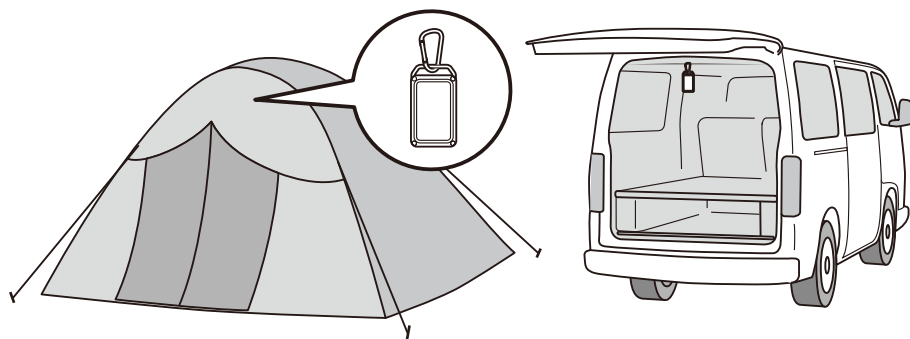
Read the safety precautions in this manual and install, use, and handle the product correctly and carefully.

How to install

Use the stand or a commercially available carabiner (separately sold) to hook the product.



To prevent carbon monoxide poisoning, install the product at a height higher than your face, near a place where people stay.



 The product takes in air through the air inlet on the back and measures carbon monoxide. Before installation, check that the air inlet is not blocked by dust or moisture, and install the product so that the air inlet is not blocked.

 Do not install the product in the following places:
Doing so may cause the product to malfunction or prevent successful carbon monoxide detection, resulting in serious accidents.

- Places at extremely high or low temperatures above 50°C (122°F) or below -10°C (14°F)
- Places near a fire source or under direct sunlight
- Extremely dry places with humidity below 10%
- Places directly exposed to liquids such as rain, splashes, and droplets of water
- Places exposed to vibrations or unstable places that easily cause the product to fall

Specifications

Power supply			Built-in lithium-ion battery (rechargeable)		
Continuous operation period ^{*1}			Approx. five days		
Rated input			5 V/1 A		
Charging terminal			USB Type-C®		
Warning trigger condition		Caution	If the CO concentration is between 50 and 99 ppm for 15 min. or longer, or if it reaches 100 ppm or higher.		
		Danger	If the CO concentration is 200 ppm or higher.		
Alarm volume			Three levels (mute/low/high)		
Carbon monoxide concentration		Measurement range	0 ppm to 999 ppm (minimum unit: 1 ppm)		
		Accuracy ^{*2}	±15%		
Temperature	Celsius	Measurement range	-10°C to 50°C (minimum unit: 1°C)		
		Accuracy ^{*2}	±2°C		
	Fahrenheit	Measurement range	-4°F to 122°F (minimum unit: 1°F)		
		Accuracy ^{*2}	±3°F		
Humidity		Measurement range	20% to 90% (minimum unit: 1%) ^{*4}		
		Accuracy ^{*2, *3}	35% to 75%: ±5%, others: ±10%		
Waterproof and dustproof performance (Ingress Protection code)			IP54		
Operating environment conditions			Temperature: -10°C to 50°C (14°F to 122°F) Humidity: 10%RH to 90%RH ^{*4}		
Storage environment conditions			Temperature: -10°C to 60°C (14°F to 140°F) Humidity: 10%RH to 90%RH ^{*4}		
External dimensions			Approx. W53 x D22 x H92 mm (W2.09 x D0.87 x H3.63 in.)		
Weight			Approx. 88 g (3.10 oz)		

*1 Estimated operating time with the fully charged product. It may become shorter depending on the usage condition, ambient temperature, and other factors.

*2 Estimated measurement accuracy at the time of manufacturing. It may become lower depending on the usage condition, storage status, and other factors.

*3 The humidity measurement accuracy may become lower at temperatures below 0°C (32°F).

*4 Without condensation



Visit our web site
for details.

<https://nestout.com/>



App recommendation
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Sound trip



Trademark and name of the manufacturer:

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Fushimimachi 4-1-1, Chuo-ku, Osaka City

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- In order to make improvements to this product and for improved safety, the colors and specifications are subject to change without prior notice.
- We shall bear no responsibility for any device failure or malfunction of other devices resulting from the use of this product.
- USB Type-C® and USB-C® are registered trademarks of USB Implementers Forum.
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A customer who purchases outside Japan should contact the local retailer in the country of purchase for enquiries. In “ELECOM CO., LTD. (Japan)”, no customer support is available for enquiries about purchases or usage in/from any countries other than Japan. Also, no language other than Japanese is available. Replacements will be made under stipulation of the Elecom warranty.

CO Alarm
Manual, Safety precautions, and Compliance with regulations
1st edition, October, 2025

ELECOM

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ELECOM



NESTOUT

OD-NESTCOM1

使用說明書 (中文・繁體)

感謝您購買本產品。

本說明書記載了操作方法及安全使用的注意事項。

請務必於使用前詳細閱讀本使用說明書。閱讀完畢後，請妥善保存本說明書。

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安全注意事項（請務必遵守）

安全注意事項

- 使用前，請詳細閱讀本「安全注意事項」並正確使用。閱讀後請妥善保存。
- 請務必遵守此處所示之注意事項，以防止使用者及他人受到危害或財產損失。

標示說明

- 下列標示區分說明未遵守標示內容、錯誤使用時可能造成的危害或損害程度。

 危險	此標示表示若操作不當，極有可能導致使用者死亡或重傷*1。
 警告	此標示表示若操作不當，預期可能導致使用者死亡或重傷*1。
 注意事項	此標示表示若操作不當，預期可能導致使用者受傷害*2，或可能發生財產損失*3。

*1 重傷：指失明、受傷、燒燙傷（高溫・低溫）、觸電、骨折、中毒等造成後遺症，或需住院、長期門診治療者。

*2 傷害：指不需住院、長期門診治療的受傷或燒燙傷（高溫・低溫）、觸電等。

*3 財產損失：指與房屋、家財及家畜、寵物等相關的擴大損害。

圖示說明

本使用說明書及產品上的標示，為了讓您安全正確地使用產品，並預防自身及他人受到危害或財產損失，設有各種圖示。其標示及意義如下所示。請充分理解內容後再閱讀正文。

	表示禁止（不可執行事項）的符號。 圖中或附近會標示具體內容。
	表示根據指示必須執行（務必執行事項）的符號。 圖中或附近會標示具體內容。
	表示警告、注意（需注意事項）的符號。 圖中或附近會標示具體內容。
	記載「需要注意的事項」。

 危險	
	本產品為可測量空氣中一氧化碳（CO）濃度並發出通知的產品。本產品並非能抑制一氧化碳或促進通風等，可直接防止一氧化碳事故的產品。 請充分理解在帳篷內使用火源或在車上過夜等情況下的一氧化碳危險性，並適當使用通風等各種設備，切勿僅依賴本產品防範事故發生。
	本產品為一般家庭用之戶外專用一氧化碳警報器。請勿用於以下用途。 ・ 超過電池壽命（5天）的長期一氧化碳濃度監控與管理 ・ 作為火災警報器的替代品 ・ 用於商業用途的一氧化碳濃度監控與管理 ・ 依據法令進行的一氧化碳濃度監控與管理
	請勿堵塞通風口。 否則將無法偵測一氧化碳。

⚠ 危險

❗	請遵守本公司指定的充電條件。 若以錯誤條件充電，充電池可能會發熱、漏液或爆裂。
🚫	如發生漏液請勿繼續使用。 如內建充電池發生漏液，請勿使用漏液的充電池。可能會發熱或爆裂。
❗	如發現本產品異常，請停止使用。 如發現漏液、變色、變形或其他異常情況，請勿使用。繼續使用可能會導致發熱或爆裂。
❗	如本產品漏液沾到身體或衣物，請以清水徹底沖洗。 如內建充電池內的液體沾到皮膚或身體，可能造成皮膚受傷。
❗	如內建充電池內的液體進入眼睛，可能導致失明，請勿揉眼，立即以大量清水沖洗並儘速就醫。
❗	如本產品偵測到一氧化碳並發出警報，請立即避難。確保安全後，請停止使用火源或進行通風等必要措施。
❗	如察覺本產品運作異常，請立即避難。確保安全後，請確認周圍無一氧化碳產生（無燃燒設備或未使用燃燒設備等）後停止使用。 如異常原因不明，請聯絡購買店家。

⚠ 警告

🚫	請勿摔落或撞擊本產品。 如本產品不慎損壞，請立即停止使用。之後請聯絡購買店家。 損壞狀態下繼續使用，可能導致火災或觸電。
🔧🚫	請勿自行分解、改造或修理本產品。 可能導致火災、觸電或故障。 故障時將不在保固範圍內。
🚫	請勿將本產品丟入火中。 可能因爆裂導致火災或受傷。
🚫	請勿用濕手插拔USB連接器。 可能導致火災或觸電。
🚫	請勿將本產品安裝於以下場所。 • 超過50°C的高溫或低於-10°C的低溫場所。 • 靠近火源或有直射陽光的地方。 • 濕度10%以下極度乾燥的場所。 • 會直接被雨水、水花或水滴等液體潑灑的地方。 • 有震動或本產品容易掉落的不穩定場所。 本產品可能會故障，或無法正確偵測一氧化碳，導致重大事故。
🚫	請勿在會直接淋到雨水等的場所使用本產品。 • 本產品在正確關閉連接器蓋的狀態下，具備符合IP54的防塵防滴規格。 • 未完全關閉連接器蓋時，請於不會被水等液體潑灑的地方使用或保存。 • IP54可防護水滴飛濺，但無法防護強力水柱或浸水。因浸水造成的故障不在產品保固範圍內。 • 請避免接觸淡水以外的液體。可能導致表面變質，降低防水性能或造成故障。

警告

	保存本產品時，請勿與燃料、清潔劑、塗料、噴霧劑及各類藥劑等一同存放。 本產品若暴露於揮發性有機化合物、鹼性氣體（如氨氣）、酸性氣體（如硫化氫）等，感測器可能劣化，導致無法正確偵測一氧化碳。
	若有水或金屬片等異物進入本產品內部時，請立即停止使用。 繼續使用可能導致火災或觸電。
	若本產品有發熱、冒煙或有異味等異常情況，請立即停止使用。 之後請聯絡購買店家。 繼續使用可能導致火災或觸電。
	本產品髒污時，請以柔軟乾布擦拭。若污漬嚴重，請用沾水或稀釋中性清潔劑的布擰乾後擦拭。 使用中性清潔劑以外的清潔劑、有機溶劑（如石油醚、稀釋劑、酒精等）或其他藥劑，可能導致感測器劣化，無法正確偵測一氧化碳。

注意事項

	請定期充電。 長期不使用本產品時，也請每月進行充電1次。 否則可能導致電池膨脹或劣化。
	請保管於嬰幼兒無法觸及之處。
	本產品雖搭載不易對一氧化碳以外氣體誤反應的感測器，但對氫氣（H ₂ ）或乙炔等部分物質仍可能誤反應，即使無一氧化碳也會出現數值上升的情況。
	廢棄本產品時，請依居住地區的法規及條例處理。

關於鋰離子電池

本產品主體內建鋰離子電池。鋰離子電池即使正常使用，其性能隨著使用期間而下降。充滿電所需時間變長、電池續航時間變短等現象並非故障。

充滿電後可用時間極短時表示電池壽命已到，且無法更換電池。

關於鋰離子電池回收的請求



Li-ion 20

- 鋰離子電池是可回收的重要資源，請協助回收。
- 請勿將主體作為一般家庭垃圾丟棄。廢棄的鋰離子電池若被垃圾車等壓壞而短路，可能導致起火或發熱。
- 廢棄主體時，請依地方政府條例辦理。條例內容請洽各地方政府。
- 廢棄時，請勿拆解電池。

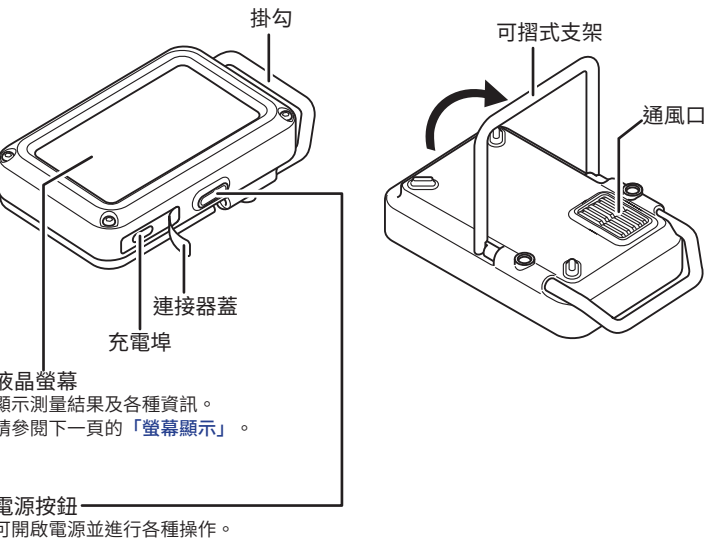
包裝內容確認

使用前請確認所有物品是否齊全。另外，雖然儘量確保包裝完善，但如有缺件、損壞等情形，請立即聯絡購買店家。

- 主體
- 充電用USB Type-C® - Type-C線（10 cm：不含連接器部分）
- 收納袋

※本產品未附USB充電器。請另備輸出5 V/1 A以上的USB充電器。

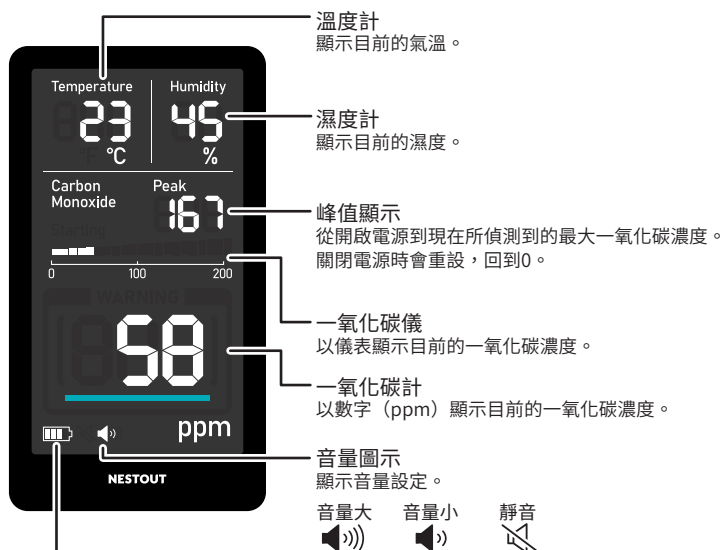
各部名稱



狀態	按鍵操作	動作
任何時刻	長按1.5秒	開啟/關閉電源。
螢幕為暗（省電模式）	按下	螢幕會變亮。
螢幕為亮	按下	切換攝氏°C與華氏°F。
	連按兩次	更改警報音量。
警告狀態	按下	切換螢幕亮度。
	連按兩次	暫停警報音。

各部名稱 (續)

螢幕顯示



電池圖示、電量條

電池電量越多，電量條的格數越多。

充電時電量條會閃爍。

剩餘量 少



剩餘量 多



嗶嗶—

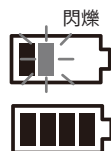
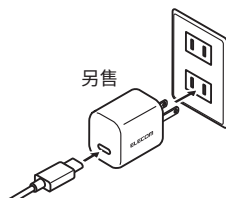
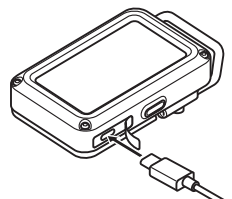
當電池電量剩餘較少時，每15分鐘會發出通知音。

充電

首次使用前、長時間未使用或使用中電池耗盡時，請務必充電至滿電。

充電時間：約2.5小時（依使用環境而異。）

- ① 打開本體的連接器蓋，將USB Type-C線接到充電埠。
（建議使用：隨附的充電線）
- ② 將線連接至市售USB電源供應器，並插入AC插座。
（建議USB電源供應器：ELECOM製USB Type-C電源供應器）
- ③ 電池圖示的電量條會閃爍，開始充電。
- ④ 充電完成後，電池圖示的電量條會全部亮起。
從本體拔除USB Type-C線。
- ⑤ 請確實關閉連接器蓋。



- ⚠ 請勿在極高溫或極低溫環境下充電。
- 為保護內建電池，0°C以下或40°C以上時，即使連接充電器也無法充電。在0°C~15°C環境下，充電速度會變慢。（充電時間約6小時）
- 充電時溫度計可能會顯示較高的數值。充電完成後會恢復正確數值。
- 請使用輸出5 V/1 A以上的USB電源供應器。
- 使用旅行用變壓器等充電時，可能會導致發熱或起火。
- 首次使用（剛購買）或半年以上未使用時，充電時間可能會有所變化。
- 本體重複充電後，滿電時可使用時間會逐漸縮短。使用時間若變得極短則表示電池壽命已到，且無法更換電池。

操作方法

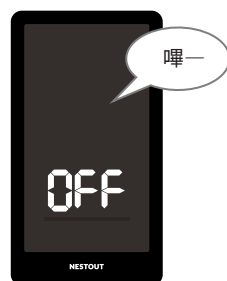
■ 開啟電源

- ① 長按電源按鈕1.5秒會響起啟動音，開始啟動準備。
- ② 約30秒的啟動準備完成後會自動開始測量。
啟動完成後會持續測量氣溫、濕度及一氧化碳濃度，並顯示於螢幕上。
- ③ 若未操作電源按鈕約1分鐘，會自動進入省電模式，螢幕變暗。
省電模式下也會持續更新測量值等，可確認目前狀態。
- ④ 要再次讓螢幕變亮，請按下電源按鈕。



■ 關閉電源

電源開機狀態下長按電源按鈕 1.5 秒，
會響起結束音並關閉電源。

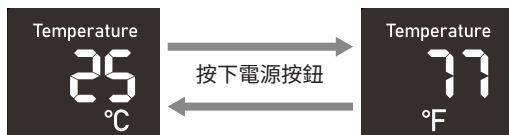


操作方法 (續)

■ 溫度計攝氏°C／華氏°F切換

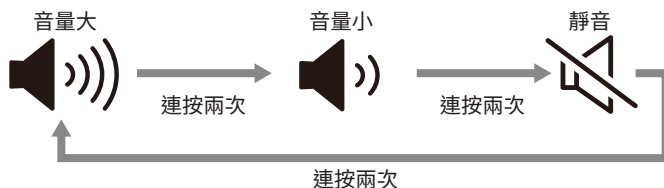
螢幕亮時按下電源按鈕，可切換攝氏°C與華氏°F。

即使關閉電源仍會儲存攝氏與華氏的顯示設定。



■ 警報音量變更

螢幕亮時連按兩次（快速按兩次）電源按鈕，可切換警報音量。



- ❗ 若將音量調低，發生高濃度一氧化碳時較不易察覺。請特別注意。
- 為安全起見，關閉電源後不會儲存警報音量設定，重新開機時會自動恢復為音量大。每次開機請重新設定音量。

操作方法（續）

■ 顯示警告時

當一氧化碳濃度達到注意或危險狀態時，會進入警告狀態，螢幕變亮並響起警報音。
當一氧化碳濃度降至49ppm以下時，約1分鐘後會自動解除警告狀態。

注意	一氧化碳濃度50ppm～99ppm持續15分鐘 或一氧化碳濃度100ppm～199ppm
危險	一氧化碳濃度200ppm以上



當顯示警告時，請立即確保安全，並採取停止使用燃燒器具及保持通風等必要措施。

注意

顯示黃色框

危險

顯示紅色框

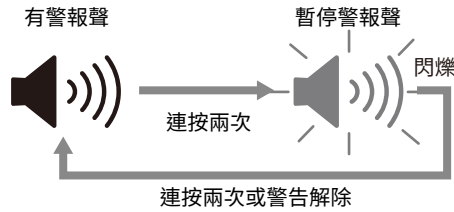
警告顯示中按下電源按鈕可切換螢幕顯示亮度。
注意警告時，若未操作電源按鈕，約1分鐘後會自動進入省電模式，螢幕顯示會變暗。



操作方法 (續)

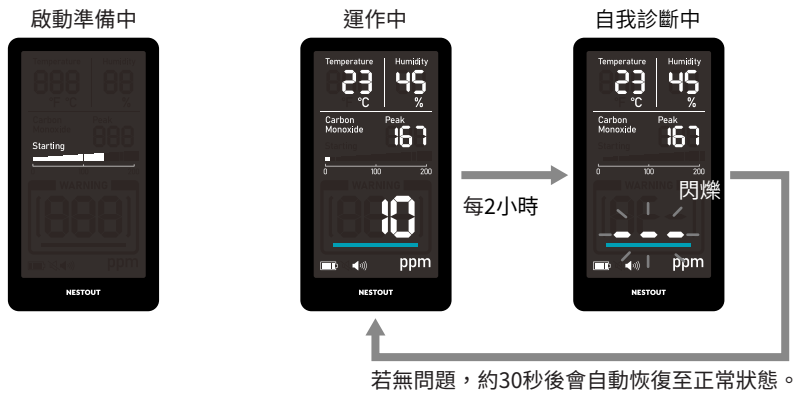
■ 警報聲暫停

警告顯示中連按兩次電源按鈕（快速按兩次），可暫時停止警報聲。
警報聲暫停期間，音量圖示會閃爍。
再連按兩次或一氧化碳濃度下降並解除警告解時，暫停狀態會解除。



■ 一氧化碳感測器自我診斷

本產品搭載可偵測感測器故障的自我診斷功能。
自我診斷會在開機準備時及運作中每2小時自動執行。
自我診斷約需30秒，期間不會顯示一氧化碳濃度。



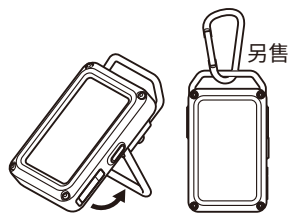
自我診斷偵測到異常時，會顯示錯誤代碼。

EO1	自我診斷錯誤	請確認本產品外觀是否有損傷，並將電源關閉後重新開機。若頻繁顯示，可能是本產品發生故障。請停止使用，並聯絡購買店家。
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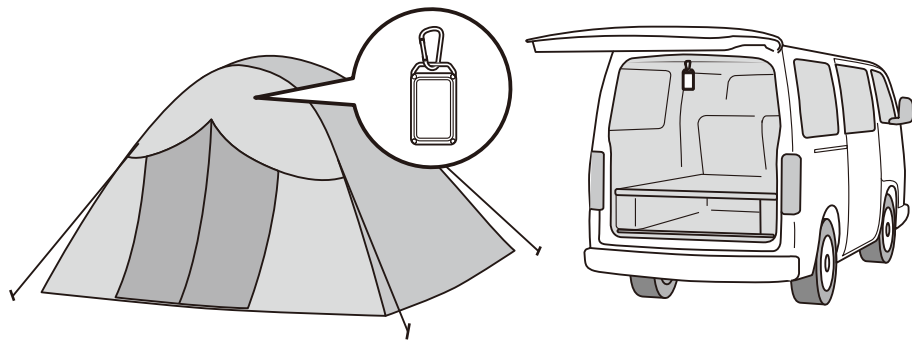
⚠ 自我診斷功能可偵測本產品內建感測器本身無反應的故障，提高正確偵測一氧化碳的可能性。但此功能無法判別本產品所有種類故障或動作異常。
即使自我診斷功能未偵測到問題，也有可能無法正確偵測一氧化碳濃度。
代表例：
• 通風口被堵住，導致一氧化碳無法進入本產品內。
• 電池電量耗盡，電源已關閉。
• 感測器以外的部分故障。
• 因感測器劣化，偵測精度下降，顯示的一氧化碳濃度可能比實際值低（或高）。
請詳細閱讀本說明書的安全注意事項，正確安裝、使用並妥善操作。

安裝方法

請使用支架安裝本產品，或使用市售登山扣（另售）等吊掛。



為預防一氧化碳中毒事故，請將本產品安裝於人員停留處附近且高於臉部的位置。



本產品會從背面的通風口吸入空氣以測量一氧化碳。

安裝前請確認通風口未被灰塵或水分堵塞，並安裝於不會遮蔽通風口的位置。



請勿安裝於以下場所。

本產品可能會故障，或無法正確偵測一氧化碳，導致重大事故。

- 超過50°C的高溫或低於-10°C的低溫場所。
- 靠近火源或有直射陽光的地方。
- 濕度10%以下極度乾燥的場所。
- 會直接被雨水、水花或水滴等液體潑灑的地方。
- 有震動或本產品容易掉落的不穩定場所。

產品規格

電源		內建鋰離子二次電池（充電式）	
連續運作時間※1		約5天	
額定輸入		5 V/1 A	
充電端子		USB Type-C®	
警告啟動條件	注意	一氧化碳濃度50～99 ppm持續15分鐘以上，或100 ppm以上	
	危險	一氧化碳濃度200 ppm以上	
警告音量設定		3階段（靜音/小/大）	
一氧化碳濃度	測量範圍	0 ppm～999 ppm（最小單位1 ppm）	
	精度 ※2	±15%	
溫度	攝氏	測量範圍	-10°C～50°C（最小單位1°C）
		精度 ※2	±2°C
	華氏	測量範圍	-4°F～122°F（最小單位1°F）
		精度 ※2	±3°F
濕度	測量範圍	20%～90%（最小單位1%）※4	
	精度 ※2、※3	35%～75%：±5%，其他：±10%	
防塵・防水性能（保護等級）		IP54	
運作環境條件		溫度:-10°C～50°C，濕度:10%RH～90%RH ※4	
保存環境條件		溫度:-10°C～60°C，濕度:10%RH～90%RH ※4	
外形尺寸		寬約53 mm×深約22 mm×高約92 mm	
重量		約88 g	

※1 為滿電狀態下運作的參考值。根據使用方法及周圍溫度環境等，運作時間可能縮短。

※2 測量精度為產品製造時的參考值。根據使用狀況或保存狀態等可能會變差。

※3 0°C以下環境下，濕度測量精度可能變差。

※4 但須無結露。



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