

Tapo T150_V1_Installation and User Guide

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About This Guide

This guide provides a brief introduction to the Smart Presence Sensor and the Tapo app, as well as regulatory information. Please note that features available in Tapo may vary by model and software version. Tapo availability may also vary by region. All images, steps, and descriptions in this guide are only examples and may not reflect your actual Tapo experience.

Conventions

In this guide, the following convention is used:

Convention	Description
Blue	Key information appears in blue, including management page text such as menus, items, buttons and so on.
Underline	Hyperlinks are in blue and underlined. You can click to redirect to a website.
Note	Ignoring this type of note might result in a malfunction or damage to the device.

More Info

Specifications can be found on the product page at <https://www.tapo.com>.
Our Technical Support and troubleshooting information can be found at <https://www.tapo.com/support/>.
The setup video can be found at <https://www.tp-link.com/support/setup-video/#smart-sensors>.

Introduction

The Smart Presence Sensor detects human presence/motion in a certain area and triggers different actions in response. This makes your home smarter.

5-in-1 Sensor: Tapo T150 combines five detection functions: human presence detection, motion detection, temperature monitoring, humidity monitoring, and ambient light sensing. Place it anywhere at home to automate your space effortlessly, replacing multiple single-purpose sensors.

Ultra-High Presence Detection: Tapo T150 actively senses even the most subtle micro-movements, such as slight head turns. Lights or other paired devices will not power off even if you are sitting completely still.

Automatic Sensitivity Adjustment: Uses smart radar technology to learn and adapt to its environment, automatically ignoring static objects like furniture.

Wide Coverage: Provides ultra-wide coverage, detecting motion and presence up to 19.7ft (6m) away.

Mount Anywhere: Install your sensor effortlessly with multiple mounting options: screw, adhesive, or magnetic base. Perfect for walls, corners, and ceilings - it adapts to any space in your home or office.

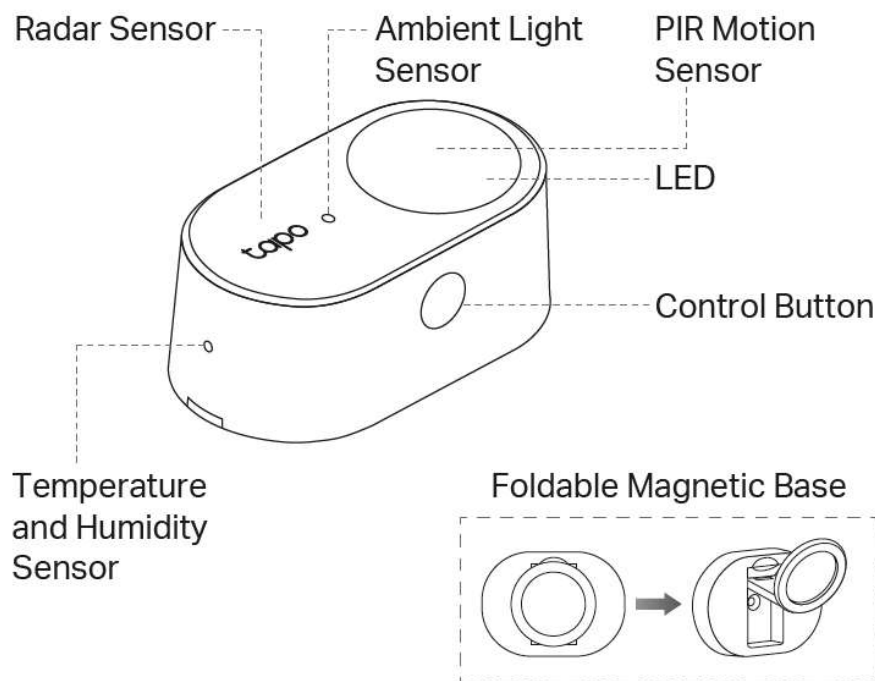
3-Year Battery Life: 2 AAA/LR03 batteries keep Tapo T150 powered for up to 3 years. No need to install near power outlets.

Full Compatibility: Tapo T150 supports Matter. It is compatible with various platforms, including Apple Home, Alexa, Google Home, Samsung SmartThings, and IFTTT.

Splash-Resistant Durability: Featuring an IP55-rated water resistance, the sensor can be safely installed in humid environments like bathrooms.

Even Smarter with Tapo Smart Actions: Pair with other Tapo smart devices to create versatile smart living scenarios, enhancing convenience and seamlessly adapting to your lifestyle—all with Tapo Smart Actions.

Appearance



Control Button Explanation

Double press: Test connection with the hub by checking if the hub sounds an alarm.

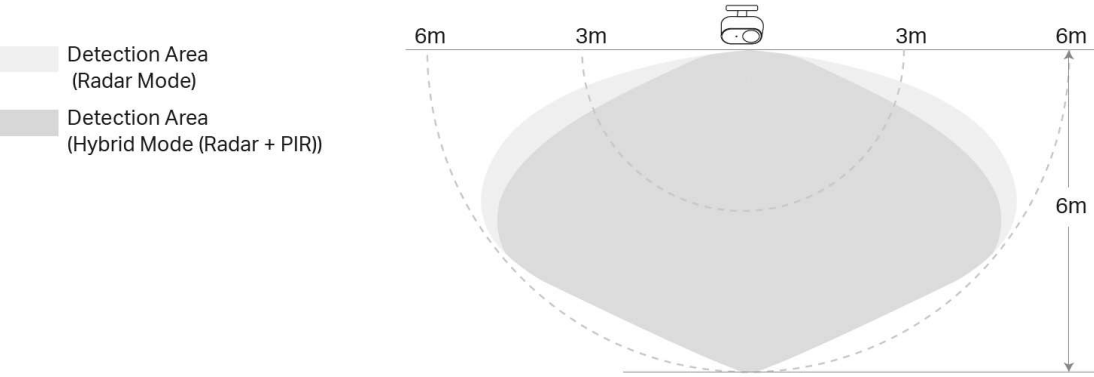
Press and hold for 5 seconds: Reset and enter pairing mode.

LED Explanation

LED Status	Indication
Blinking	Resetting and entering pairing mode; Updating firmware
Blinks once	Human presence/motion detected This can be disabled in the Tapo app.

Detection Area

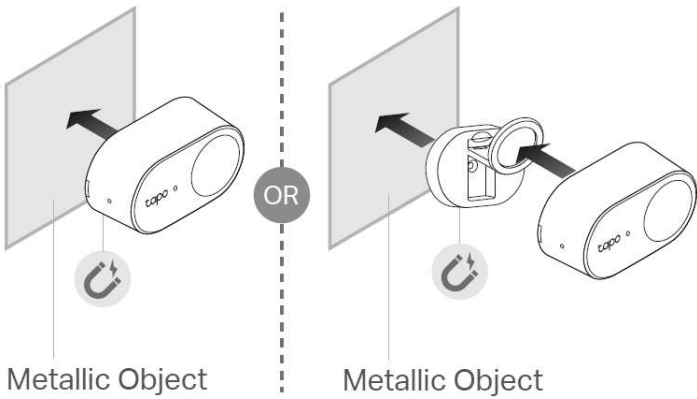
The sensor detects human presence and motion, making it easier to automate your space.



Mount Your Sensor

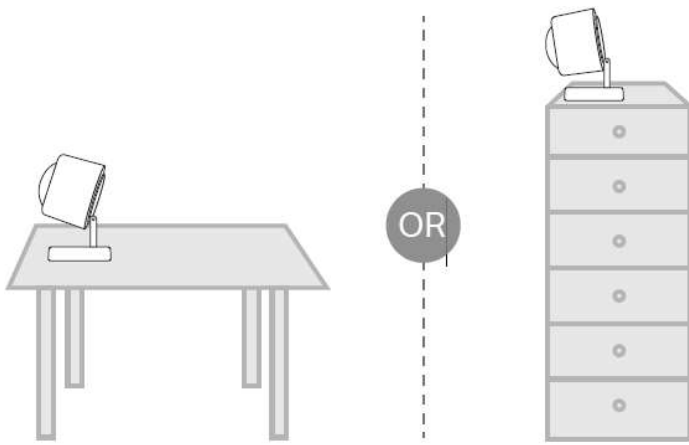
Option 1: Attach to metallic surfaces

Magnetically attach to metallic objects.



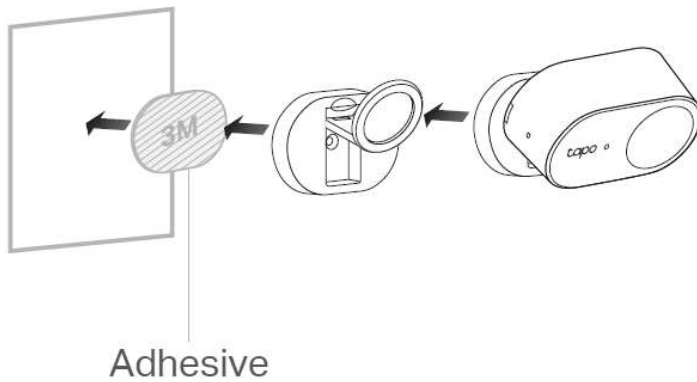
Option 2: Set on a table or shelf

Place the sensor on your desired table or shelf.



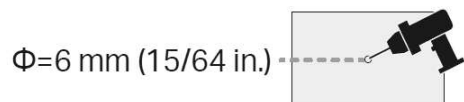
Option 3: Stick to a clean wall

- 1) Stick the base with the adhesive to the clean wall, and press it down for 15s to ensure the base is firmly attached.
- 2) Attach the sensor to the base.

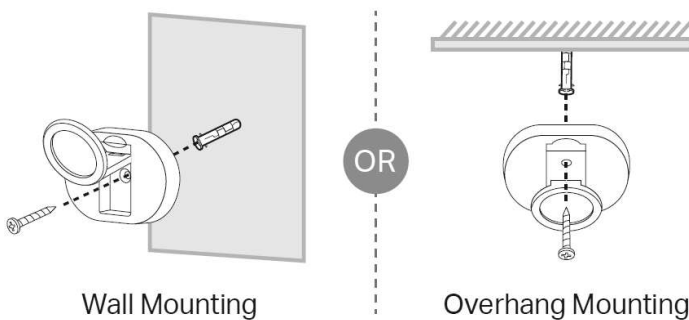


Option 4: Wall/Overhang mounting

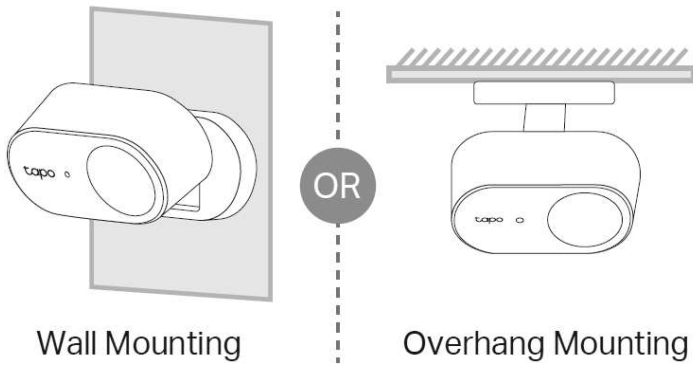
- 1) Drill a 6mm diameter screw hole.



- 2) Insert the anchor into the hole, then use the mounting screw to affix the base over the anchor.



- 3) Attach the sensor to the base.



Set Up Your Sensor

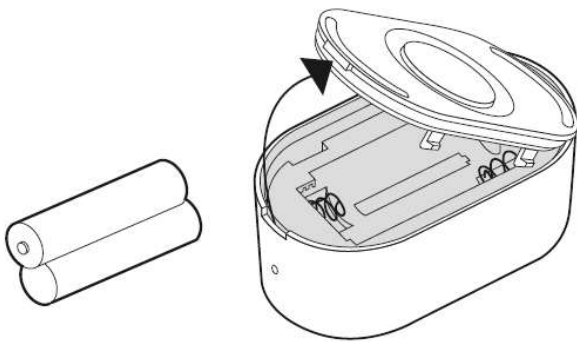
Before You Start

A Tapo Hub is required. Make sure your Tapo Hub's firmware is updated to the latest version and successfully added via the Tapo app.



Step 1. Power Up Your Sensor

Remove the back cover and insert the batteries. The front LED should blink.



Step 2. Log In

Open the app, and log in with your TP-Link ID. If you don't have an account, create one first.

No SIM 10:03 AM 100%

<

Welcome to Tapo

 TP-Link ID (Email)

 Password 

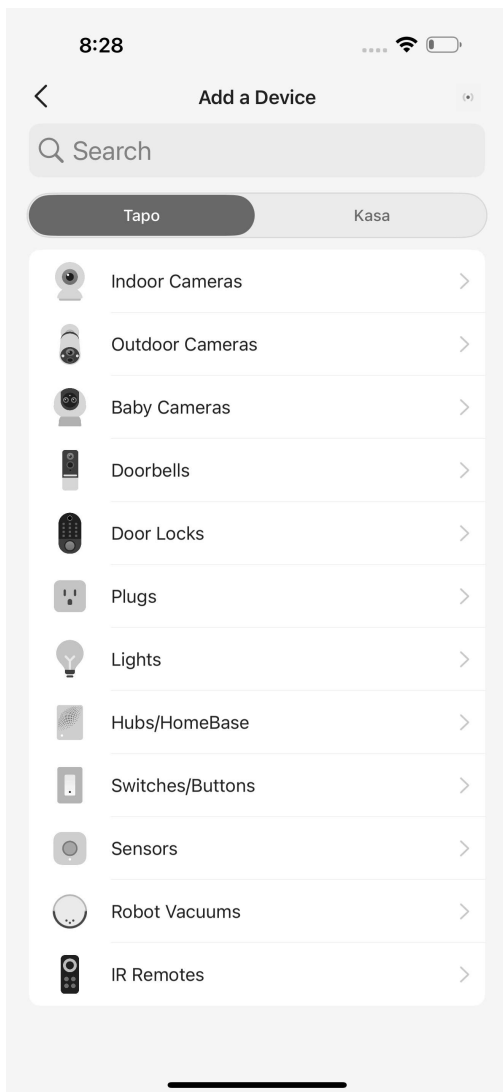
☒ Remember Me

Log In

[Sign Up](#) [Forgot Password?](#)

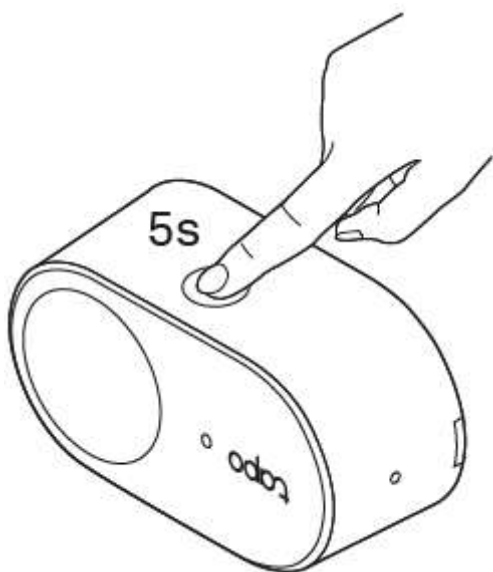
Step 3. Add Your Sensor

Tap the + button, choose Add Device in the app, and search for your model. Follow the app instructions to complete the setup.



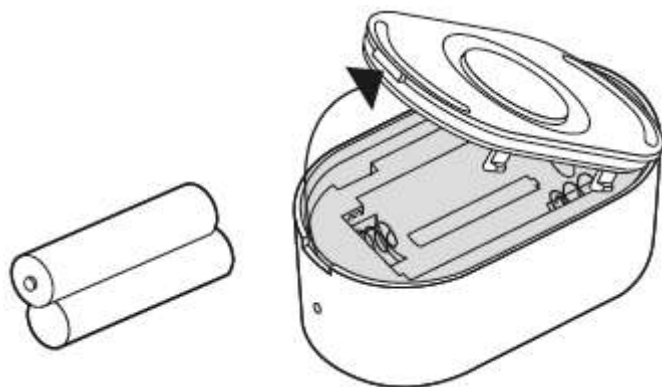
How to reset and enter pairing mode

Press and hold the Control button for 5 seconds until the front LED starts blinking.



How to replace the battery

- 1) Remove the back cover.
- 2) Replace with the new batteries (AAA/LR03).



Support

For technical support, the setup videos, FAQs, warranty and more, please visit

<https://www.tapo.com/support/>



Authentication

FCC compliance information statement



Product Name: Smart Presence Sensor

Model Number: Tapo T150

Responsible Party:

TP-Link Systems Inc.

Address: 10 Mauchly, Irvine, CA 92618

Website: <http://www.tp-link.com/us/>

Tel: +1 626 333 0234

Fax: +1 909 527 6804

E-mail: sales.usa@tp-link.com

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular

installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

FCC RF Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.

"To comply with FCC RF exposure compliance requirements, this grant is applicable to only Mobile Configurations. The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter."

We, TP-Link Systems Inc., has determined that the equipment shown as above has been shown to comply with the applicable technical standards, FCC part 15. There is no unauthorized change is made in the equipment and the equipment is properly maintained and operated.

Issue Date: 2026-01-08

Canadian Compliance Statement

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- 1) L'appareil ne doit pas produire de brouillage;
- 2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Radiation Exposure Statement:

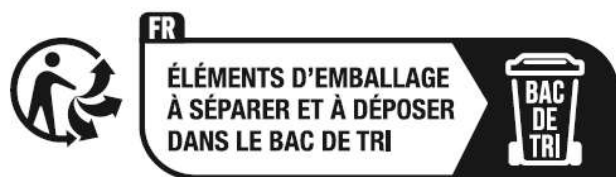
This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Déclaration d'exposition aux radiations:

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.

Industry Canada Statement

CAN ICES-003 (B)/NMB-003(B)



Points de collecte sur www.quefairedemesdechets.fr
Privilégiez la réparation ou le don de votre appareil !

당해 무선설비는 운용중 전파혼신 가능성이 있음.

注意！

低功率射頻器材之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。

前述合法通信，指依電信管理法規定作業之無線電通信。

低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

為避免本器材影像畫面遭偷窺或擷取，本器材使用者應先修改預設密碼，並定期更新密碼。

安全諮詢及注意事項

請使用原裝電源供應器或只能按照本產品注明的電源類型使用本產品。

清潔本產品之前請先拔掉電源線。請勿使用液體、噴霧清潔劑或濕布進行清潔。

注意防潮，請勿將水或其他液體潑灑到本產品上。

插槽與開口供通風使用，以確保本產品的操作可靠並防止過熱，請勿堵塞或覆蓋開口。

請勿將本產品置放於靠近熱源的地方。除非有正常的通風，否則不可放在密閉位置中。

不要私自拆開機殼或自行維修，如產品有故障請與原廠或代理商聯繫。

工作溫度：0℃～50℃

限用物質含有情況標示聲明書

設備名稱：智慧人物感測器				型號 (型式)：Tapo T150		
Equipment name				Type designation (Type)		
單元 Unit	限用物質及其化學符號 Restricted substances and its chemical symbols					
	鉛 Lead (Pb)	汞 Mercury (Hg)	鎘 Cadmium (Cd)	六價鉻 Hexavalent chromium (Cr+6)	多溴聯苯 Polybrominated biphenyls (PBB)	多溴二苯醚 Polybrominated diphenyl ethers (PBDE)
PCB	○	○	○	○	○	○
外殼	○	○	○	○	○	○
電源供 應器	—	○	○	○	○	○
其他及 其配件	—	○	○	○	○	○

備考1. “超出0.1 wt %” 及 “超出0.01 wt %” 係指限用物質之百分比含量超出百分比含量基準值

Note 1: “Exceeding 0.1 wt %” and “exceeding 0.01 wt %” indicate that the percentage content of the restricted substance exceeds the reference percentage value of presence condition.

備考2. “○” 係指該項限用物質之百分比含量未超出百分比含量基準值。

Note 2: “○” indicates that the percentage content of the restricted substance does not exceed the percentage of reference value of presence.

設備名稱：智慧人物感測器

型號 (型式) : Tapo T150

Equipment name

Type designation (Type)

備考3. “ - ” 係指該項限用物質為排除項目。

Note 3: The “-” indicates that the restricted substance corresponds to the exemption.



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Safety Information

The installation height should not be higher than 2 meters.

- Keep the device away from water, fire, humidity or hot environments.
- Do not attempt to disassemble, repair, or modify the device.
- Do not use the device where wireless devices are not allowed.
- If you need service, please contact us.

Please read and follow the above safety information when operating the device. We cannot guarantee that no accidents or damage will occur due to improper use of the device. Please use this product with care and operate at your own risk.

Operating Temperature: 0 °C ~ 50°C (32°F ~ 122°F)

Please read and follow the above safety information when operating the device. We cannot guarantee that no accidents or damage will occur due to improper use of the device. Please use this product with care and operate at your own risk.

Warning

Risk of explosion if the battery is replaced by an incorrect type.

Warning

Avoid replacement of a battery with an incorrect type that can defeat a safeguard.

Avoid disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion.

Do not leave a battery in an extremely high temperature surrounding environment that can result in an explosion or the leakage of flammable liquid or gas; Do not leave a battery subjected to extremely low air pressure that may result in an explosion or the leakage of flammable liquid or gas.

Explanation of the symbols on the product label

Note: The product label is on the bottom of the product and its power supply. Symbols may vary from products.

Symbol 符號解釋	Explanation 解釋
	Class II equipment Class II 設備
	Class II equipment with functional earthing 具有功能接地的Class II 設備
	Alternating current 交流電
	DC voltage 直流電壓
	Polarity of output terminals 輸出端子極性
	Indoor use only 僅限室內使用

Symbol 符號解釋	Explanation 解釋
	Dangerous voltage 危險電壓
	Caution, risk of electric shock 注意，有觸電危險
	Energy efficiency Marking 能源效率標示
	Protective earth 保護地線
	Earth 地線
	Frame or chassis 機架接地
	Functional earthing 功能地線
	Caution, hot surface 警告，表面高溫
	Caution 警告
	Operator's manual 操作手冊
	Stand-by 待機
	"ON"/"OFF" (push-push) 「開」/「關」(按壓式)
	Fuse 保險絲
	Fuse is used in neutral N 保險絲用於中性線N

Symbol 符號解釋	Explanation 解釋
	RECYCLING This product bears the selective sorting symbol for Waste electrical and electronic equipment (WEEE). This means that this product must be handled pursuant to European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment. User has the choice to give his product to a competent recycling organization or to the retailer when he buys a new electrical or electronic equipment. 回收利用 本產品標示有「廢棄電氣電子設備（WEEE）」的分類回收標誌。這表示本產品必須依據歐盟指令 2012/19/EU 進行妥善回收或拆解，以減少對環境的影響。 使用者可選擇將本產品交給合格的回收機構，或在購買新電器或電子設備時，交回給零售商進行回收處理。
	Caution, avoid listening at high volume levels for long periods 注意，避免長時間以高音量收聽
	Disconnection, all power plugs 斷開所有電源插頭
m	Switch of mini-gap construction 微間隙結構的開關
μ	Switch of micro-gap construction (for US version) Switch of micro-gap / micro-disconnection construction (for other versions except US) 微小間隙結構開關（適用於美國版） 微小間隙 / 微小斷開結構開關（適用於美國以外的其他版本）
ε	Switch without contact gap (Semiconductor switching device) 無接點間隙開關（半導體開關裝置）

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