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Installation and User Guide

About This Guide

This guide provides a brief introduction to the Smart Switch Module 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. The examples shown are only examples and may not reflect your actual Tapo experience.

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 settings.
<u>Underline</u>	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/>.

Introduction

Tapo S110E supports dual modes, ideal for handling a wide range of applications. In dry contact mode, it is perfect for access control systems, access control systems, and more. In wet contact mode, effortlessly control lights, outlets, and electric floor heating.

Dry Contact Mode - It is perfect for managing garage doors, boilers, irrigation and sprinkler systems, access control systems, and more.

Wet Contact Mode - Effortlessly control lights, outlets, and electric floor heating without replacing your existing equipment.

Garage Door Control - Upgrade your garage door for smart voice control, remote control, and seamless automation. For more information, see the Tapo app.

Track Energy Generation and Usage - Tapo S110E features advanced hardware that automatically detects the current usage of connected devices without the need for manual setup.

Take Control of Your Energy Bill - Tracks the energy use of connected devices and allows electricity rate input for bill calculation.

Full Compatibility -Tapo S110E supports Matter. It is compatible with various platforms, including Apple Home, Alexa, Google Assistant, and SmartThings.

Zero-Crossing Protection - Addresses relay contact welding, extending the lifespan of smart switch modules by over 100,000 cycles.

Remote Control - Instantly turn connected devices on/off from wherever you are through the Tapo app.

Schedule - Preset a schedule to automatically manage devices.

Voice Control - Use simple voice commands for hands-free control of connected devices via Siri, Alexa, Google Assistant, and SmartThings.

Relay Failure Protection - The failure of the relay can be identified and an alarm will be sent to the user via the Tapo app.

Small Size - Designed for maximum compatibility, the compact Tapo S110E fits near lights, behind switches, or in wall outlets.

Instant Control via Bluetooth - Bluetooth control works offline - configure via Tapo App without Wi-Fi. Reconnect easily when Wi-Fi is available.

Appearance

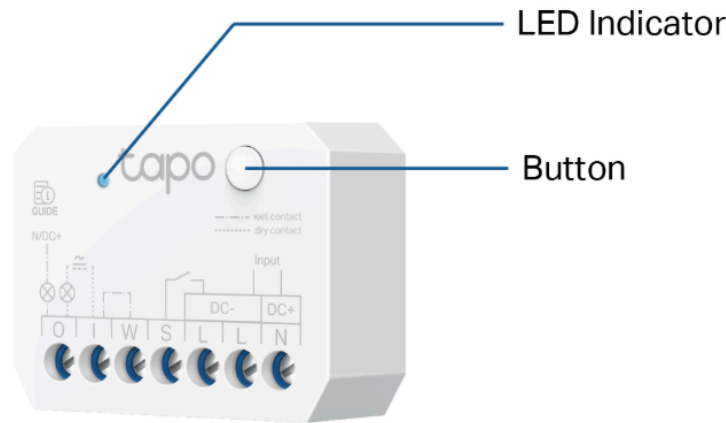
LED Indicator: It shows your switch module status.

Button: The switch module has only one button.

Note: To prevent electric shocks, avoid touching the device after wiring. Use the device button only when powered by DC. Please use the Tapo app for control.
Turn on/ off the device: Press once.

Reset Wi-Fi while keeping the previous settings: Press and hold for 5 seconds.

Restore factory settings: Press and hold for 10 seconds until the LED blinks red, then release it.



System LED Indication

LED Status	Indication
Blinking blue and red	Ready for setup; Resetting Wi-Fi
Blinking blue	Connecting to Wi-Fi; Updating firmware
Solid blue	Setup complete and connected to the cloud
Solid red	Disconnected from the cloud
Blinking red slowly (5s on, 1s off)	Disconnected from Wi-Fi
Blinking red quickly	Resetting to factory default settings

Install and Set Up Your Switch Module

Visit [How to install your Tapo Smart Switch Module](#) or scan the QR code for the following information.

- Product introduction
- Wiring video/Wiring instructions/Wiring diagram
- Setup your device
- Matter setup guide
- Troubleshooting



Support

For technical support, warranty and more, please visit <https://www.tapo.com/support/>



Authentication

CE Mark Warning



This is a class B product. In a domestic environment, this product may cause radio interference, in which case the user
OPERATING FREQUENCY (the maximum transmitted power)

2400 MHz—2483.5 MHz (20dBm)

EU Declaration of Conformity

TP-Link hereby declares that the Smart Switch Module is in compliance with the essential requirements and other relevant provisions of the EMC Directive (2011/65/EU and (EU)2015/863.

The original EU Declaration of Conformity may be found at <https://www.tapo.com/en/support/ce/>.

RF Exposure Information

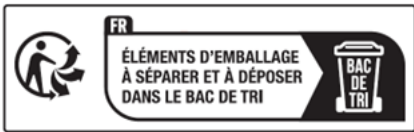
This device meets the EU requirements (2014/53/EU Article 3.1a) on the limitation of exposure of the general public to electromagnetic fields. The device complies with RF specifications when the device is used at 20 cm from your body.

Korea Warning Statements

당해 무선설비는 운용중 전파혼신 가능성이 있음.



Продукт сертифіковано згідно з правилами системи УкрСЕПРО на відповідність вимогам нормативних актів України.



Safety Information

Before installing, servicing or removing the switch module, read and follow all safety precautions including the following:

- Follow all national and local safety regulations and practices. If you are uncertain or uncomfortable when performing installation, contact a qualified electrician.
- CAUTION – Risk of Electric Shock – An all-pole disconnect device may be required to de-energize the equipment before working on it. Ensure the Line and Neutral conductor simultaneously is suitable. Ensure power is off at the circuit breaker before removing or installing the switch module.
- Do not install the Switch Module with wet hands or when standing on wet or damp surfaces.
- Keep the device away from water, fire, humidity or hot environments.
- Do not attempt to disassemble, repair, or modify the device. If you need service, please contact us.
- Do not use the device where wireless devices are not allowed.
- Tighten all screws before powering on, including unused screws, with a recommended torque of 0.4N·m.
- For wallbox installations, use the device with a wall switch and box that meet local regulations to ensure adequate wiring.
- For indoor use only.
- The wire strip length should be between 5.5 and 7 mm.
- The max connection capacity of the terminal block is 2.5mm².
- Do not overload the product. Ensure the 10A circuit breaker at the front of the product is functioning properly to prevent overheating.
- Matter is developed by the Connectivity Standards Alliance™. This brand, related logos, and marks are trademarks of the Connectivity Standards Alliance.
- Use of the Works with Apple badge means that an accessory has been designed to work specifically with the technology of Apple Inc. Apple Inc. is not responsible for the operation of this device or its accessories.
- The Works with SmartThings words and logo are trademarks of Samsung Electronics Co. Ltd.

Please read and follow the above safety information when operating the device. We cannot guarantee that no accident will occur. Please use this product with care and operate at your own risk.

Explanation of the symbols on the product label

Symbols may vary from products.

Symbol 符號解釋	Explanation 解釋
	Class II equipment Class II 設備

Symbol 符號解釋	Explanation 解釋
	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
	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

Symbol 符號解釋	Explanation 解釋
	"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
	RECYCLING This product bears the selective sorting symbol for Waste electrical and electronic equipment (WEEE) 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 where he purchased it. 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 進行回收，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。
	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 小間隙結構的開關
μ	Switch of micro-disconnection construction (for US version) Switch of micro-gap / micro-disconnection construction (for other versions except US) 微斷開結構開關 (適用於美國版) 微間隙 / 微斷開結構開關 (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)

Operating Frequency / max output power BETRIEBSFREQUENZ / maximale Sendeleistung Frequenze Wireless / Potenza max output Fréquence de fonctionnement / Puissance maximale en sortie Çalışma Frekansı / Maksimum çıkış gücü Frecuencia de Funcionamiento / máxima potencia de salida werk frequentie / maximale uitgangsvermogen Frequência de Operação / Potência Máx. de saída Driftsfrekvens / maks. Udgangseffekt Toimintataajuus / maksimi lähtöteho Driftsfrekvens / maks utgangseffekt Driftfrekvens / högsta utsignal Συχνότητα Λειτουργίας / Μέγιστη ισχύς εξόδου Częstotliwość pracy / Maks. moc wyjściowa Provozní frekvence / Maximální výstupní výkon Prevádzkové frekvencie / Maximálny výstupný výkon Működési frekvencia / maximális kimenő teljesítmény Frecvența de operare / Puterea maximă de emisie Рабочая частота / Максимальная выходная мощность Veikimo dažnis / Maksimali išėjimo galia Pozdrawiam	2400MHz~2483.5MHz / 20dBm
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Робоча честота / Максимална вихідна потужність Radna frekvencija / Maksimalna izlazna snaga Frekvenca delovanja / Največja izhodna moč Darbības frekvence / Maksimālā izejas jauda Töösagedus / Max väljundvõimsus تردد التشغيل / أقصى طاقة خرج	
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No restrictions exist in the use of radio frequencies or frequency bands.
Es gibt keine Einschränkungen bei der Nutzung von Funkfrequenzen oder Frequenzbändern.
Non vi sono restrizioni sull'uso delle frequenze radio o delle bande di frequenza.
Il n'existe aucune restriction quant à l'utilisation des fréquences radio ou des bandes de fréquences.
Radyo frekanslarının veya frekans bantlarının kullanımında herhangi bir kısıtlama bulunmamaktadır.
No existen restricciones en el uso de radiofrecuencias o bandas de frecuencia.
Er zijn geen beperkingen in het gebruik van radiofrequenties of frequentiebanden.
Não existem restrições quanto à utilização de radiofrequências ou bandas de frequência.
Der er ingen begrænsninger i brugen af radiofrekvenser eller frekvensbånd.
Radiotaajuuden tai taajuuskaistan käyttöön ei ole rajoituksia.
Det finnes ingen begrensninger i bruken av radiofrekvenser eller frekvensbånd.
Det finns inga begränsningar i användningen av radiofrekvenser eller frekvensband.
Δεν υπάρχουν περιορισμοί στη χρήση ραδιοσυχνотήτων ή μπάντας συχνοτήτων.
Nie ma ograniczeń dotyczących użycia częstotliwości radiowych lub pasm częstotliwości.
Pro použití rádiových frekvencí nebo frekvenčních pásem neexistují žádná omezení.
Pri používaní rádiových frekvencií alebo frekvenčných pásiem neexistujú žiadne obmedzenia.
A rádiófrekvenciák vagy frekvenciasávok használatára vonatkozóan nincsenek korlátozások.
Nu există restricții în utilizarea frecvențelor radio sau a benzilor de frecvență.
Не съществуват ограничения при използването на радиочестоти или честотни ленти.
Nėra radijo dažnių ar dažnio ruožų naudojimo apribojimų.
Жодних обмежень щодо використання радіочастот чи гіпазонів частот немає.
Ne postojе ograničenja kod upotrebe radiofrekvencija ili pojasa frekvencija.
Pri uporabi radijskih frekvenc ali frekvenčnih pasov ni omejitev.
Radiofrekvenču vai frekvenču joslu izmantošanai nav ierobežojumu.
Raadiosageduste või sagedusalade kasutamisel ei ole piiranguid.
لا توجد قيود على استخدام الترددات اللاسلكية أو نطاقات التردد.

Присъединете се към TP-Link общността

Следвайте ни

Email Address

Регистрация

За нас

За нас
Нашият ангажимент към сигурността
Устойчивост
Политика за поверителност
Общи условия за ползване
Политика за бисквитки
Свържете се с нас
Кариера в TP-Link

Преса

Новини
Награди
Security Advisory
Blog

Къде да купя

Дистрибутори
Value Added Distributor
Value Added Solution Partner
Онлайн магазини
На гръбно
Платинени партньори

Център за обучение

Дигитална библиотека