



User Guide

Mini Smart Wi-Fi Socket, Energy Monitoring

Tapo P110

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About This Guide

This guide provides a brief introduction to the Mini Smart Wi-Fi Socket 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.
<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/>.
- A Technical Community is provided for you to discuss our products at <https://community.tp-link.com>.
- The setup video can be found at <https://www.tp-link.com/support/setup-video/>.

Introduction

Tapo P110 is a compact home device that turns your typical electrical wall outlet into a controllable, customizable, and multi-functional outlet, enabling you to easily control your lights and household electronic devices via the Tapo app, no matter where you find yourself.

- **Energy Monitoring** – Keep track of the real-time energy consumption of your connected devices and reduce unnecessary energy loss while lowering your electric bills with the Schedule and Timer features. You can also improve safety by automatically shutting off connected devices when the power usage exceeds the set threshold.
- **Remote Control** – Instantly turn connected devices on/off wherever you are via the Tapo app.
- **Schedule** – Set schedules to automatically turn on/off your smart plugs according to your daily routine and preferences.
- **Auto-Off Timer** – Cut off power to the connected device after it is left on for a set time, saving energy and reducing fire risks.
- **Away Mode** – Set a period of time during which the smart plug will be randomly turned on and off to make it look like someone's home.
- **Voice Control** – Control your devices with simple voice commands using Amazon Alexa or Google Assistant.
- **Compact Design** – Mini-sized to avoid blocking adjacent sockets, making it convenient for daily use.
- **Device Sharing** – Invite your family members to manage the smart plug together.
- **Flame-Retardant** – Use premium UL94-V0 flame-retardant materials to minimize burn risks.

Appearance--EU Version



System LED

- 🌀 **Blinking orange and green:** Ready for setup
- 🌀 **Blinking orange:** Connecting to a Wi-Fi network
- **Solid orange:** Connected to Wi-Fi or disconnected from the Wi-Fi; offline
- **Solid green:** Connected to server and working properly
- 🌀 **Blinking green:** Being reset; being upgraded

Smart Socket:

Plug in your device and control it from Tapo app on your phone/tablet.

Power Button:

- **Press once:** Turn on or off the smart plug.
- **Press and hold for 5 seconds:** Keep the existing settings except Wi-Fi.
- **Press and hold for 10 seconds:** Restore your smart plug to factory default settings.

Appearance--FR Version



System LED

- 🌀 **Blinking orange and green:** Ready for setup
- 🌀 **Blinking orange:** Connecting to a Wi-Fi network
- **Solid orange:** Connected to Wi-Fi or disconnected from the Wi-Fi; offline
- **Solid green:** Connected to server and working properly
- 🌀 **Blinking green:** Being reset; being upgraded

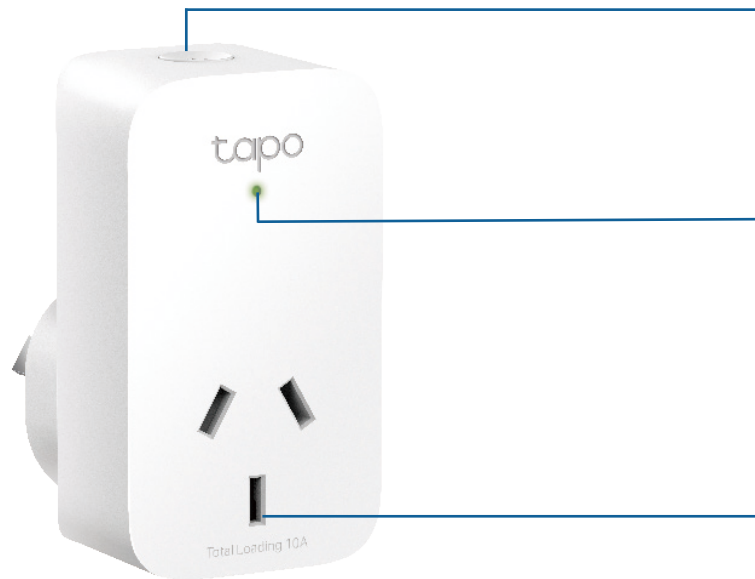
Smart Socket:

Plug in your device and control it from Tapo app on your phone/tablet.

Power Button:

- **Press once:** Turn on or off the smart plug.
- **Press and hold for 5 seconds:** Keep the existing settings except Wi-Fi.
- **Press and hold for 10 seconds:** Restore your smart plug to factory default settings.

Appearance--AU Version



Power Button:

- Press once: Turn on or off the smart plug.
- Press and hold for 5 seconds: Keep the existing settings except Wi-Fi.
- Press and hold for 10 seconds: Restore your smart plug to factory default settings.

System LED

- 🌀 Blinking orange and green: Ready for setup
- 🌀 Blinking orange: Connecting to a Wi-Fi network
- Solid orange: Connected to Wi-Fi or disconnected from the Wi-Fi; offline
- Solid green: Connected to server and working properly
- 🌀 Blinking green: Being reset; being upgraded

Smart Socket:

Plug in your device and control it from Tapo app on your phone/tablet.

Appearance--UK Version



System LED

- **Blinking orange and green:** Ready for setup
- **Blinking orange:** Connecting to a Wi-Fi network
- **Solid orange:** Connected to Wi-Fi or disconnected from the Wi-Fi; offline
- **Solid green:** Connected to server and working properly
- **Blinking green:** Being reset; being upgraded

Smart Socket:

Plug in your device and control it from Tapo app on your phone/tablet.

Power Button:

- **Press once:** Turn on or off the smart plug.
- **Press and hold for 5 seconds:** Keep the existing settings except Wi-Fi.
- **Press and hold for 10 seconds:** Restore your smart plug to factory default settings.

Set Up Your Smart Plug via Tapo

Follow the steps below to get started with your new smart plug.

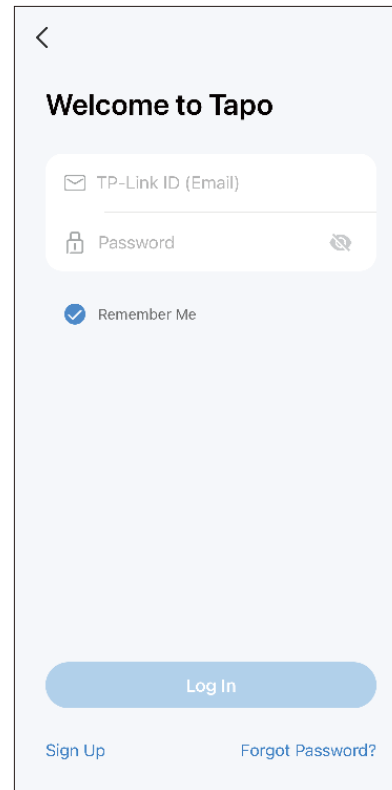
Step 1. Download Tapo App

Get the [Tapo](#) app from the App Store or Google Play, or by scanning the QR code below.



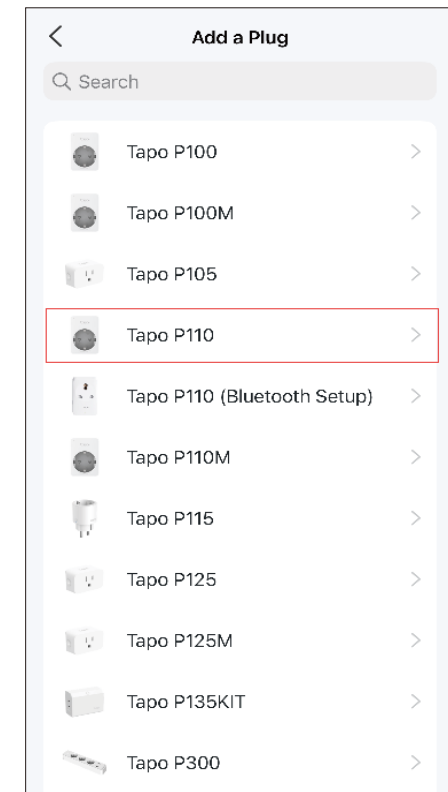
Step 2. Log In

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



Step 3. Add Your Plug

Tap the ⊕ button in the Tapo app, choose [Plugs](#) under the Tapo brand, and select your model. Follow the instructions in the Tapo app to complete the setup.



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 may be required to take adequate measures.

OPERATING FREQUENCY(the maximum transmitted power)

2400 MHz -2483.5 MHz(20dBm)

EU Declaration of Conformity

TP-Link hereby declares that the device is in compliance with the essential requirements and other relevant provisions of directives 2014/53/EU, 2009/125/EC, 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 by way of health protection.

The device complies with RF specifications when the device used at 20 cm from your body.

Restricted to indoor use.

UKCA declaration of conformity



TP-Link hereby declares that the device is in compliance with the essential requirements and other relevant provisions of the Radio Equipment Regulations 2017.

The original UK declaration of conformity may be found at <https://www.tapo.com/support/ukca/>

Korea Warning Statements

당해 무선설비는 운용중 전파혼신 가능성이 있음.



Продукт сертифіковано згідно с правилами системи УкрСЕПРО на відповідність вимогам нормативних документів та вимогам, що передбачені чинними законодавчими актами України.

Safety Information

- 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.
- The socket-outlet shall be installed near the equipment and shall be easily accessible.
- The devices are not intended for use in locations where the temperature may be less than actual room conditions, such as unheated warehouses or garages.
- Devices of the same or another type should not be stacked in normal use.



- For indoor use only.
- Do not overload power outlets. This can result in the risk of fire or electric shock.
- Completely insert the product into the power outlet. Failure to do so may cause electric shock and / or excessive heat resulting in fire.
- Regularly remove dust etc from the product by pulling it out from the power outlet and wiping with a DRY cloth. Accumulated dust may cause an insulation defect resulting in fire.
- Unplug from the power outlet if it emits smoke, has an abnormal smell or makes an unusual noise.

- Do not use the product if the casing has been broken. Danger of electric shock.
- Never touch the product with wet hands.
- Do not place near automatically controlled devices such as fire alarms. Radio waves emitted from this product may cause such devices to malfunction resulting in an accident.
- Do not use this product at a refuelling point.
- Observe restrictions on using wireless products in fuel depots, chemical plants or when blasting operations are in progress.
- Do not use liquid to clean the product. Only use a dry cloth.
- Never put metal objects inside the product. If a metal object enters the product turn off the circuit breaker and contact an authorised electrician.
- Be careful to connect the following- cooking appliances, irons, other devices that generate a large amount of heat. There is a risk of fire, burns or injury. – power tools, electric machinery, or other devices that could cause injury and therefore must be used under direct careful observation. – heating or cooling devices or any type of device which could cause health risks particularly to the elderly or children.
- This product is not intended to be used when providing medical care. Consult the manufacturer of any personal medical devices, such as pacemakers or hearing aids to determine if they are adequately shielded from external RF (radio frequency) energy.
- Do not use this product in health care facilities. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.
- Do not use this product near water for example near a bath tub, wash bowl, kitchen sink or laundry tub, in a wet basement or near a swimming pool.
- The product should be kept free from excessive smoke, dust or high temperature and vibration.
- This product should not be exposed to direct sunlight.
- Do not place heavy objects on top of the product.
- When you leave the product unused for a long time unplug the product from the power outlet.
- Product should be kept away from heat sources such as radiators, cookers etc.- it should not be placed in rooms where the temperature is less than 0 degrees or greater than 40 degrees. Damp basements should also be avoided.
- This product may interfere with other electronic products such as TV, radios, personal computers, phones or other wireless devices.

- Operating Temperature: 0°C -40°C , 0°C -35°C (For EU and FR version)
- Operating Humidity: 10%-90%RH, Non-condensing
Storage Humidity: 5%-90%RH, Non-condensing
- Function switch of Micro-gap construction / Micro-disconnection is used. Power is completely off only when the plug has been withdrawn from Tapo smart socket. Automatic action type of the integrated switch: Micro-disconnection (Type 1.B), Micro-gap construction (For UK version).
- spannungsfrei nur bei gezogenem Stecker.
- keine Steckergeräte einstecken.



- Nicht hintereinander stecken.



CAUTION













Electrical switch integrated in this product is only intended for functional purposes. Unplug the appliance before servicing.










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.

Explanation of the symbols on the product label

Symbols may vary from products

Symbol	Explanation
	Class II equipment
	Class II equipment with functional earthing

Symbol	Explanation
	Alternating current
	DC voltage
	Polarity of output terminals
	Indoor use only
	Dangerous voltage
	Caution, risk of electric shock
	Energy efficiency Marking
	Protective earth
	Earth
	Frame or chassis
	Functional earthing
	Caution, hot surface

Symbol	Explanation
	Caution
	Operator's manual
	Stand-by
	"ON"/"OFF" (push-push)
	Fuse
	Fuse is used in neutral N
	<p>RECYCLING</p> <p>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.</p> <p>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.</p>
	Caution, avoid listening at high volume levels for long periods
	Disconnection, all power plugs
m	Switch of mini-gap construction

Symbol	Explanation
μ	Switch of micro-gap construction (for US version) Switch of micro-gap / micro-disconnection construction (for other versions except US)
ε	Switch without contact gap (Semiconductor switching device)