



Deco BE9300
The Ultimate 2.5 Gbps Connectivity

Wi-Fi 7

User Guide

BE9300 Whole Home Mesh Wi-Fi 7 System



Contents

About This Guide	1
Appearance	2
Set Up Your Deco	3
Troubleshooting	8
Authentication	9

About This Guide

This guide provides a brief introduction to BE9300 Whole Home Mesh Wi-Fi 7 System and regulatory information. Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP. All images, steps, and descriptions in this guide are only examples and may not reflect your actual Deco experience.

Conventions

In this guide, the following conventions are used:

Convention	Description
Deco	Stands for Deco Whole Home Mesh Wi-Fi System/ Unit.
<u>Underline</u>	Hyperlinks are in teal and underlined. You can click to redirect to a website or a specific section.
Teal	Key information appears in teal, including management page text such as menus, items, buttons and so on.
 Note:	Ignoring this type of note might result in a malfunction or damage to the device.
 Tips:	Indicates important information that helps you make better use of your device.

More Info

- Specific product information can be found on the product page at <https://www.tp-link.com>.
- A Technical Community is provided for you to discuss our products at <https://community.tp-link.com>.
- Our Technical Support contact information can be found at the [Help](#) center of the Deco app and the [Contact Technical Support](#) page at <https://www.tp-link.com/support>.

Speed/Coverage/Device Quantity Disclaimer

Maximum wireless signal rates are the physical rates derived from IEEE Standard 802.11 specifications. Actual wireless data throughput and wireless coverage, and quantity of connected devices are not guaranteed and will vary as a result of network conditions, client limitations, and environmental factors, including building materials, obstacles, volume and density of traffic, and client location.

MU-MIMO Disclaimer

Use of MU-MIMO requires clients to also support MU-MIMO.

IoT Compatibility Disclaimer

IoT compatibility refers only to smart devices that can be controlled via the Deco app. Other wireless devices can still connect to Deco for normal Wi-Fi use.

Seamless Roaming Disclaimer

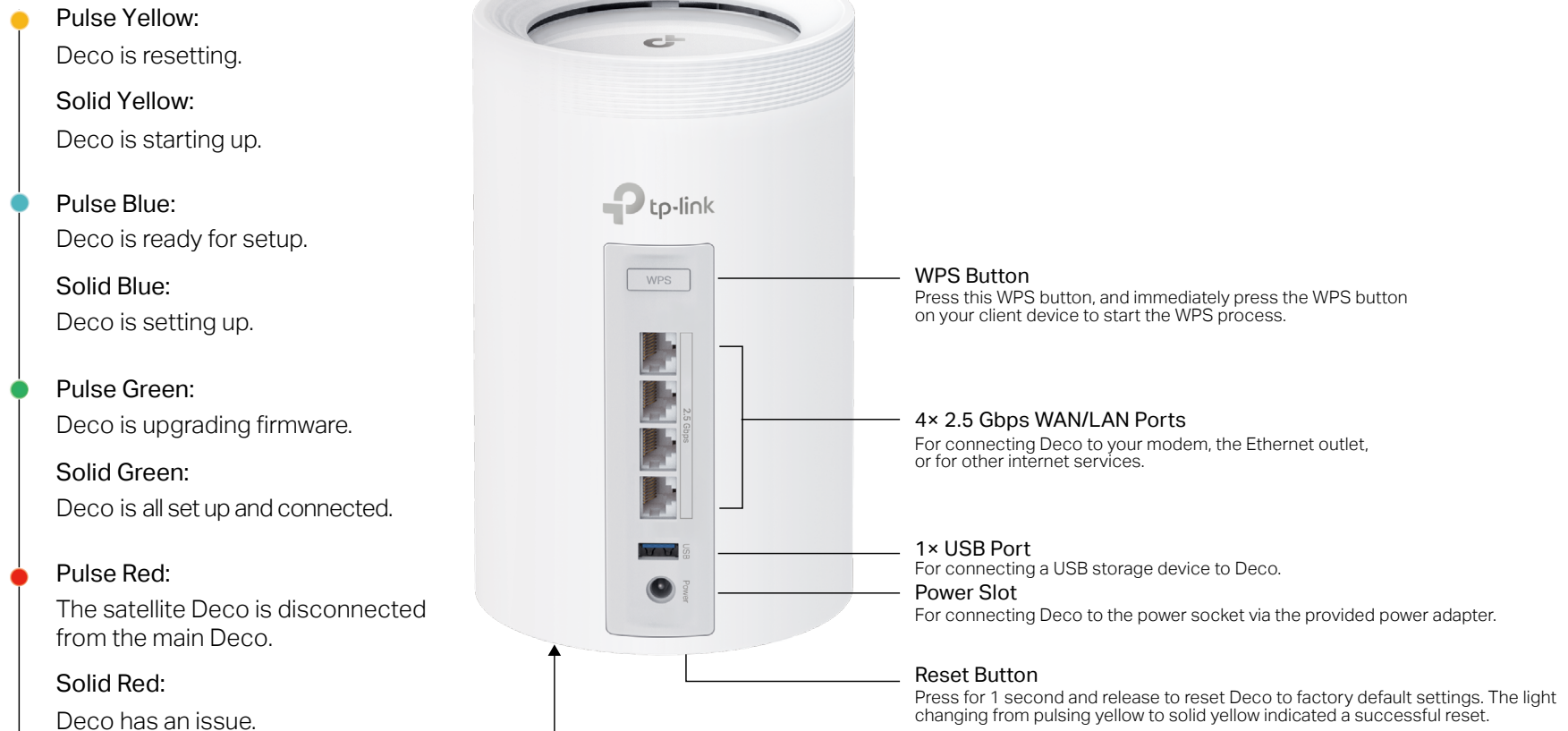
Clients need to support 802.11k/v/r and may require additional set up. Performance may vary depending on the client device.

Appearance

Each Deco has an LED that changes color according to its status, a WPS button, four 2.5 Gbps WAN/LAN ports, a USB port, a power slot, and a Reset button.

See the explanation below:

 Tip: The product label can be found at the bottom of the product.



Set Up Your Deco

First let's start by setting up the Deco network. Get the TP-Link Deco app for iOS or Android, then follow the app to walk through the setup.

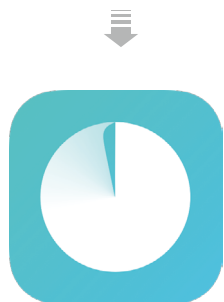
■ Note: Please remain online (Wi-Fi or mobile data) throughout the app download and login steps.

1. Get the Deco app

Scan the QR code below or go to Google Play or the App Store to download the Deco app. Install the app on your Android or iOS smartphone or tablet.



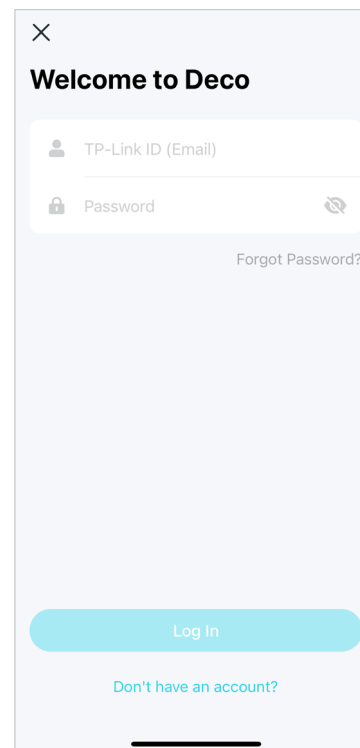
or



2. Log in or sign up with TP-Link ID

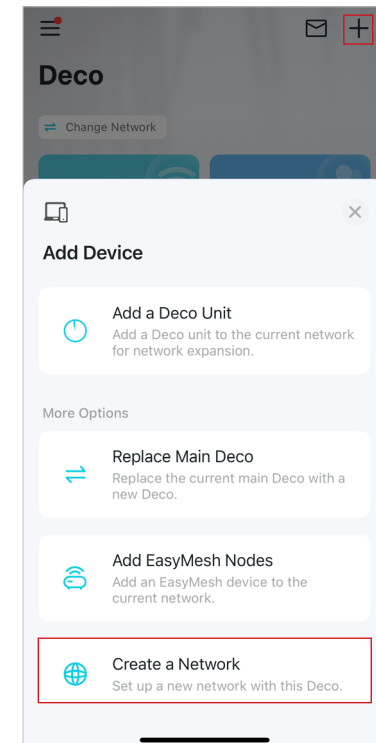
Open the app and log in with your TP-Link ID. If you don't have a TP-Link ID, create one first.

■ Note: If you forgot your login password, tap [Forgot Password?](#). The app will help you reset your password.



3. Create a Network

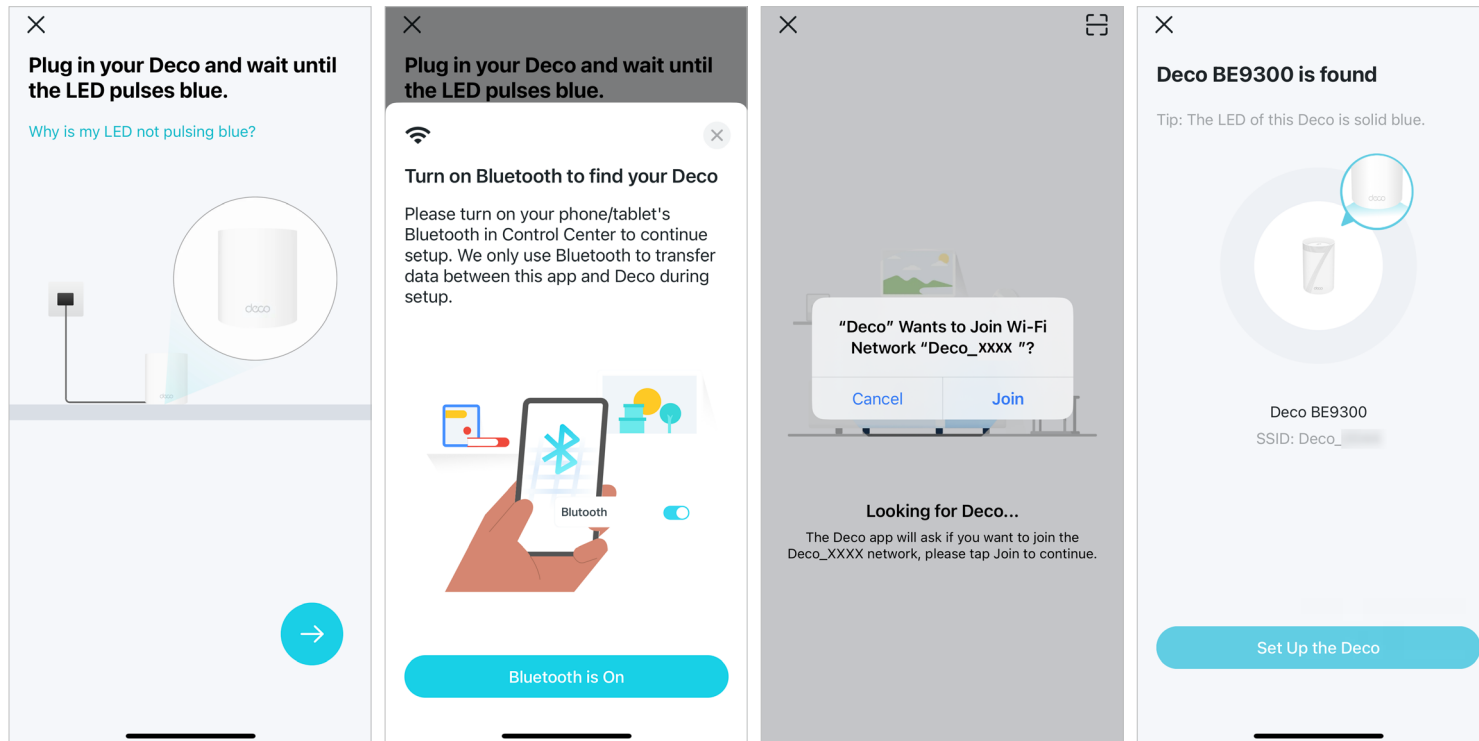
In the Deco app, tap the + button on the top right corner of the homepage, then select [Create a Network](#).



4. Plug in your Deco

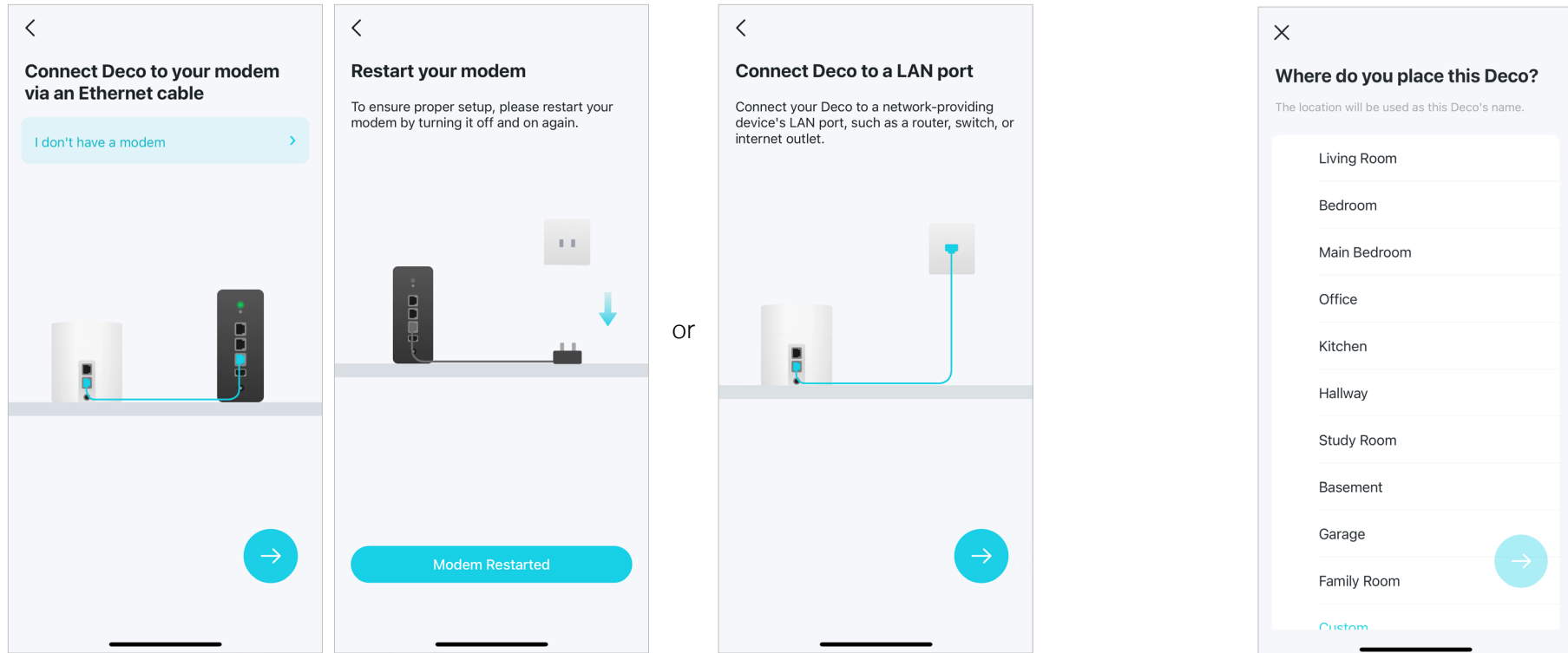
Plug in your Deco and wait until your Deco's LED pulses blue, then your phone/tablet will connect to the Deco automatically.

Note: You can turn on Bluetooth and Wi-Fi on your phone/tablet in advance for a quicker setup.



5. Connect your Deco

Power off your modem. Connect your Deco to the modem and power it on.
If you don't have a modem, connect your Deco directly to the Ethernet outlet.



6. Specify your Deco's location

Select or custom a location for your Deco.
The location will be used as the name of your Deco.

7. Connect your Deco to the internet

Select the internet connection type and enter the information. If you are not sure, contact your internet service provider.

×

Connect your Deco to the internet

Enter the information provided by your ISP (internet service provider). If you are unsure, contact your ISP.

Internet Connection Type >
Dynamic IP

Advanced Settings >

Next

8. Create your Wi-Fi network

Set a network name and a password. These will be the name and password you use to connect your devices to Wi-Fi.

×

Create your Wi-Fi Network

This will be the name and password you'll use to access your network. Your password must be at least 8 characters.

Deco

Poor

It is recommended to set a password using a combination of letters, numbers, and symbols.

Next

9. Create your 6GHz Wi-Fi network

Set a network name and a password. These will be the name and password you use to connect your devices to the 6GHz Wi-Fi.

<

Create 6 GHz Network

This will be the name and password you'll use to access your 6 GHz network. Your password must be at least 8 characters.

Deco_6GHz

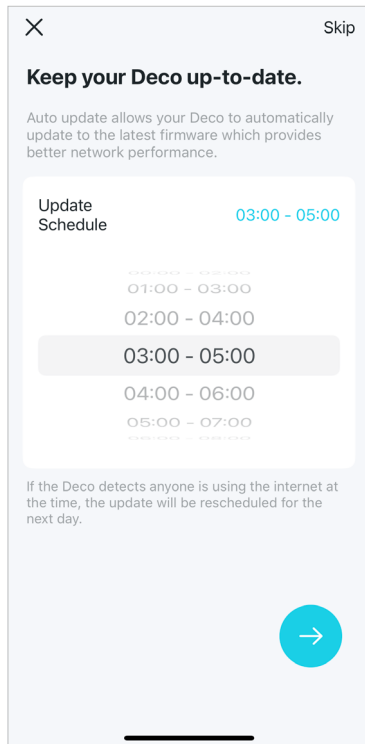
Poor

It is recommended to set a password using a combination of letters, numbers, and symbols.

Next

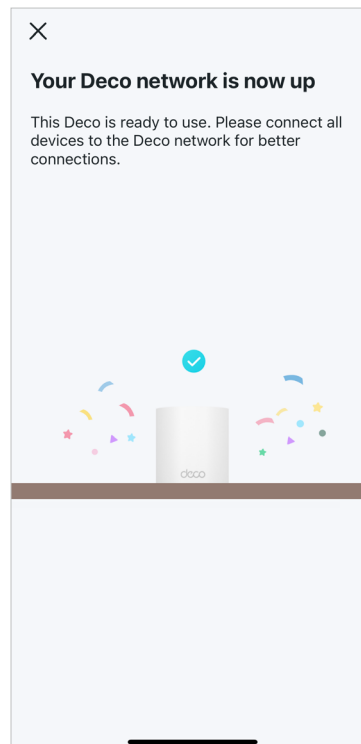
10. Keep your Deco up-to-date

Set auto update time. This allows your Deco to automatically update to the latest firmware which provides better network experience.



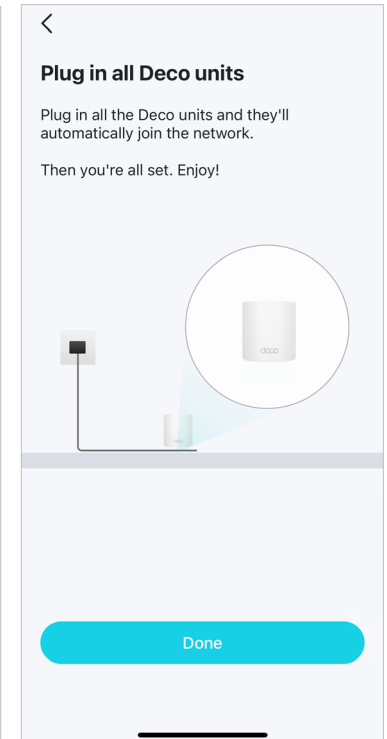
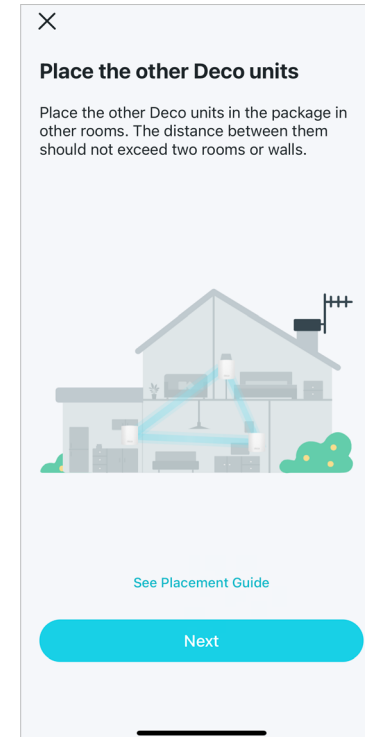
11. Setup complete

Your Deco network is now up. You can connect your devices to the Deco network for better connections.



12. Plug in other Decos (if any)

Place the other included Decos in a suitable position and plug them on, and they will join the network automatically.



Troubleshooting

Solutions to common problems during setup or use are provided here for reference. Follow the steps and the provided link below to diagnose and solve problems you might experience with your Deco.

If problems still exist, contact us: <https://www.tp-link.com/support>

Q1. What should I do if I fail to configure the main Deco and get stuck on "We couldn't find Deco"?

Refer to the guide <https://www.tp-link.com/support/faq/2239/> or follow the video <https://youtu.be/2HYuEYS9XJM>

Q2. What should I do if I fail to configure the satellite Deco and get stuck on "We couldn't find another Deco"?

Refer to the guide <https://www.tp-link.com/support/faq/1447/> or follow the video <https://youtu.be/iVgDzoo16T4>

Q3. What should I do if I fail to configure the main Deco and get stuck on "Testing Internet Connection"?

Refer to the guide <https://www.tp-link.com/support/faq/2239/>

Refer to the video <https://youtu.be/OSUrGdWH-i0>

Q4. What should I do if my wireless devices cannot connect to Deco?

Refer to the guide <https://www.tp-link.com/support/faq/2718/>

Q5. What should I do if Deco suddenly lost internet access?

Refer to the guide <https://www.tp-link.com/support/faq/2428/>

Q6. How can I find a suitable spot for my Deco?

Refer to the guide <https://www.tp-link.com//support/faq/1446/>

Q7. What can I do if the Deco app isn't working properly?

Refer to the guide <https://www.tp-link.com/support/faq/1456/>

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)

2400MHz—2483.5MHz (20dBm)

5150MHz—5250MHz (23dBm)

5250MHz—5350MHz (23dBm)

5470MHz—5725MHz (30dBm)

5945MHz—6425MHz (23dBm)

Frequency band 5150 - 5250 MHz:

Indoor use: Inside buildings only. Installations and use inside road vehicles and train carriages are not permitted. Limited outdoor use: If used outdoors, equipment shall not be attached to a fixed installation or to the external body of road vehicles, a fixed infrastructure or a fixed outdoor antenna. Use by unmanned aircraft systems (UAS) is limited to within the 5170 - 5250 MHz band.

Frequency band: 5250 - 5350 MHz:

Indoor use: Inside buildings only. Installations and use in road vehicles, trains and aircraft are not permitted. Outdoor use is not permitted.

Frequency band: 5470 - 5725 MHz:

Installations and use in road vehicles, trains and aircraft and use for unmanned aircrafts systems (UAS) are not permitted.

Frequency band: 5945 - 6425 MHz:

Restricted to indoor use, including in trains with metal-coated windows and aircraft.

Outdoor use, including in road vehicles, is not permitted.

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, (EU) 2015/863, and EC Decision (EU) 2021/1067.

The original EU Declaration of Conformity may be found at <https://www.tp-link.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.

National restrictions

Attention: This device may only be used indoors in all EU member states and EFTA countries, and Northern Ireland.

	AT	BE	BG	CH	CY	CZ	DE	DK
	EE	EL	ES	FI	FR	HR	HU	IE
	IS	IT	LI	LT	LU	LV	MT	NL
	NO	PL	PT	RO	SE	SI	SK	UK(NI)

UKCA Mark



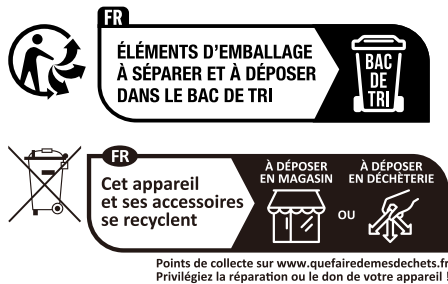
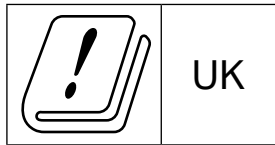
UK Declaration of Conformity

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.tp-link.com/support/ukca/>

National restrictions

Attention: This device may only be used indoors in Great Britain.



Продукт сертифіковано згідно з 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 damaged charger or USB cable to charge the device.
- Do not use any other chargers than those recommended.
- Do not use the device where wireless devices are not allowed.
- Adapter shall be installed near the equipment and shall be easily accessible.

- Use only power supplies which are provided by manufacturer and in the original packing of this product. If you have any questions, please don't hesitate to contact us.
- Operating Temperature: 0°C~40°C (32°F~104°F)
- 運作溫度: 0°C~40°C (32°F~104°F)
- This product uses radios and other components that emit electromagnetic fields. Electromagnetic fields and magnets may interfere with pacemakers and other implanted medical devices. Always keep the product and its power adapter more than 15 cm (6 inches) away from any pacemakers or other implanted medical devices. If you suspect your product is interfering with your pacemaker or any other implanted medical device, turn off your product and consult your physician for information specific to your medical device.

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.

Note: The product label can be found at the bottom of the product and its I.T.E. power supply.

Symbol	Explanation
	Class II equipment
	Class II equipment with functional earthing
	Alternating current
	DC voltage
	Polarity of output terminals
	Indoor use only

Symbol	Explanation
	Dangerous voltage
	Caution, risk of electric shock
	Energy efficiency Marking
	Protective earth
	Earth
	Frame or chassis
	Functional earthing
	Caution, hot surface
	Caution
	Operator's manual
	Stand-by
	"ON"/"OFF" (push-push)
	Fuse

Symbol	Explanation
	Fuse is used in neutral N
	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.
	Caution, avoid listening at high volume levels for long periods
	Disconnection, all power plugs
m	Switch of mini-gap construction
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)

產品標籤上符號的解釋

符號可能因產品而異

注意：產品標籤可以在產品底部和其I.T.E.電源供應器上找到。

符號	說明
	II類設備

符號	說明
	具有功能接地的II類設備
	交流
	直流
	輸出端點的極性
	僅供室內使用
	危險電壓
	請注意，有觸電的危險
	能源效率標誌
	保護接地
	接地
	功能接地
	功能接地
	請注意，表面過熱

符號	說明
	警告
	操作手冊
	待機
	“開啟” /” 關閉”（按壓式）
	保險絲
	保險絲用於中性線N
	回收 這個產品帶有歐盟指令2012/19/EU中關於廢棄電氣電子設備（WEEE）的選擇性分類標誌。這意味著，該產品必須按照該指令處理，以便進行回收或拆解，從而最大限度地減少對環境的影響。用戶可以選擇將產品交給有資格的回收機構，或在購買新的電器或電子設備時將其交給零售商進行回收。
	請小心，避免長時間以高音量收聽。
	斷線，所有電源插頭
m	迷你間隙結構開關
μ	小間隙結構開關（US版本）/小間隙/小斷開結構的開關（非US版）
ε	無接觸間隙的開關（半導體開關設備）