



User Guide

AC1300 Whole Home Wi-Fi System
Deco M5

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About This Guide

This guide contains details of Deco Home Wi-Fi System and its related information.

Please notice that features of Deco may vary slightly depending on the model and software version you have, and on your location, language, and Internet service provider. All images, parameters and descriptions documented in this guide are used for demonstration only.

Conventions

In this guide, the following conventions are used:

Convention	Description
Deco	Stands for Deco Home Wi-Fi System without any explanation.
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

- The latest firmware and management app are available from [Download Center](http://www.tp-link.com/support) at <http://www.tp-link.com/support>.
- Specifications can be found on the product page at <http://www.tp-link.com>.
- A Technical Support Forum is provided for you to discuss our products at <http://forum.tp-link.com>.
- Our Technical Support contact information can be found at the [Contact Technical Support](http://www.tp-link.com/support) page at <http://www.tp-link.com/support>.

Chapter 1

Get to Know Your Deco

This chapter introduces Deco Home Wi-Fi System and shows its main features and appearance.

1.1. Product Overview

TP-Link's Deco is a Wi-Fi system for your whole home.

With various features and functions, deco is the perfect hub of your home or business network.

1.2. Physical Appearance

1.2.1. LED



Deco's LED is located on the top (View from top to bottom). You can check its working status by following the LED Explanation table.

Status	Indication
Yellow	Deco is starting up.
Blue pulse	Deco is ready for setup.
Blue solid	Deco is setting up.
Green	Deco is registered and all is well.
Red	Deco has an issue.

1.2.2. Button



Deco's bottom panel shows the reset button. Refer to the following for detailed instructions.

Item	Description
RESET	Reset deco to factory default settings.

1.2.3. Port



Deco's back panel shows the connection ports. Refer to the following for detailed instructions.

Item	Description
LAN/WAN	For connecting deco to your modem, the Ethernet jack, your PC, or other Ethernet network devices.
POWER	For connecting the modem router to power socket via the provided power adapter.

Chapter 2

Set Up Your Deco

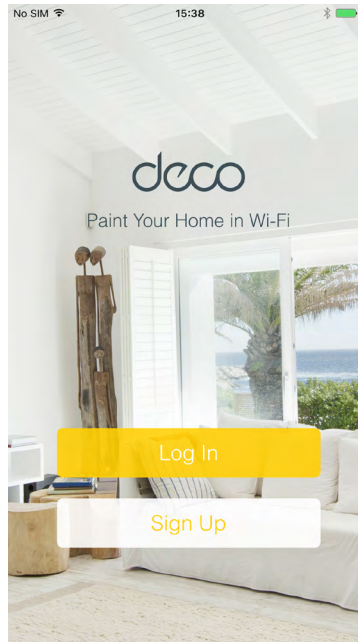
1. Download and Install the Deco app

To setup and manage your Deco, you will need the Deco app. Scanning the QR code below or go to Google Play or App Store to download the app. Then install the app on your Android or iOS smartphone or tablet.



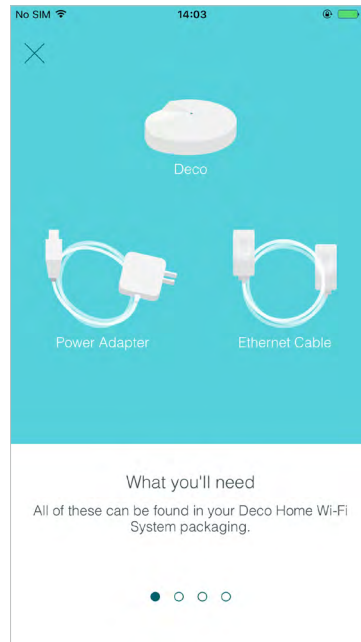
2. Log in with TP-Link ID

Open the Deco app. Use your TP-Link ID to log in. (Create your TP-Link ID if you don't have one) The Deco app will guide your through.

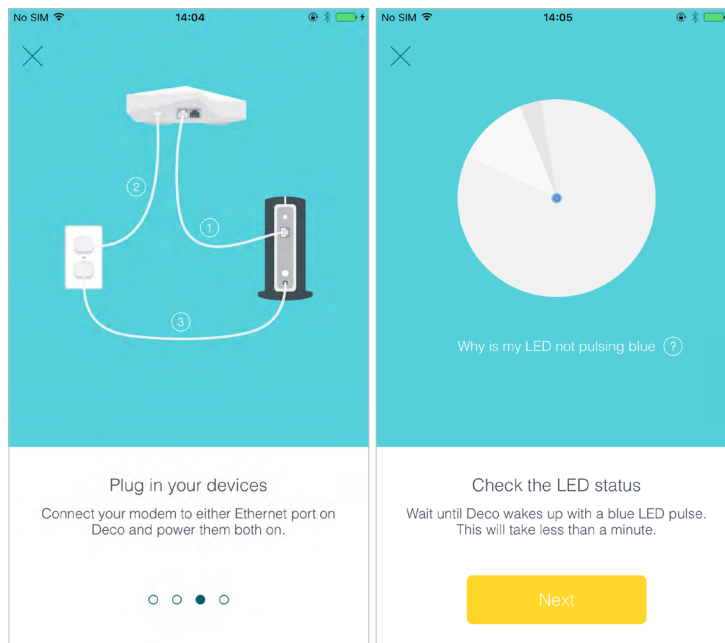


3. Follow the instructions to set up your deco

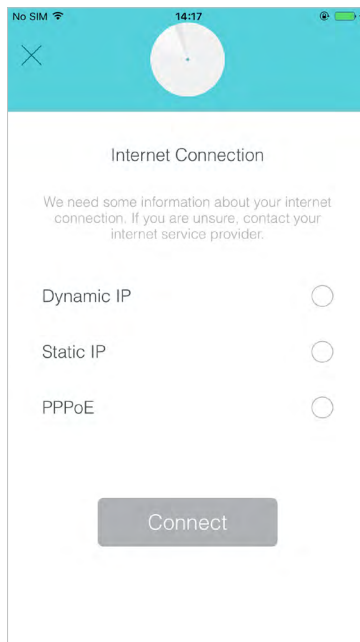
- 1) Find Deco, power adapter and ethernet cable from the packaging.



- 2) Power off your modem and plug in your devices, and wait until the LED pulses blue.



4. Fill in the internet connection information as needed by your internet service provider (ISP).
- If you are PPPoE user, fill in your username and password.
 - If you are a static IP user, fill in your IP Address, Subnet Mask, Default Gateway and DNS parameters.
 - If you are unsure of your connection type, ask your ISP.



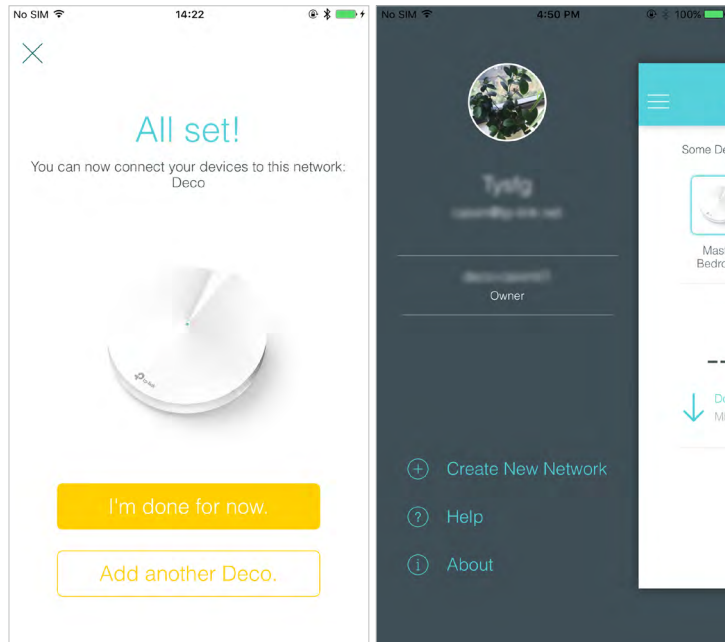
5. Create your Wi-Fi network

Set a network name and a password. Then connect your network devices to your Wi-Fi.



6. Add more Decos to your Wi-Fi system

Follow the app to Add another Deco to your Wi-Fi system. Or tap Create New Network on the left menu of the app to add more Decos.



Tip: To have better performance, you can:

1. Place Decos in different rooms.
2. Limit obstructions between Decos.

Chapter 3

Deco Features

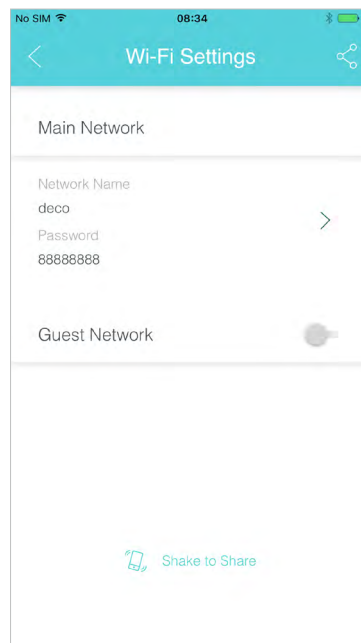
This chapter contains the following sections:

- [Wi-Fi Settings](#)
- [Parental Controls](#)
- [Antivirus](#)
- [QoS](#)
- [IPv6](#)
- [Update Deco](#)
- [Admins](#)

3.1. Wi-Fi Settings

Open the app menu and find Wi-Fi Settings entry. You can:

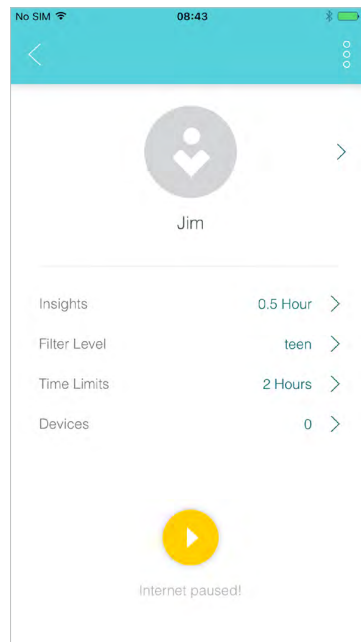
- Change the main network's network name and password.
- Enable or disable guest network.
- Change guest network's network name and password. Guest network password can be blank.
- Shake your smartphone or tablet to share the network name and password of your main network or guest network.



3.2. Parental Controls

Open the app menu and find Parental Controls entry. You can:

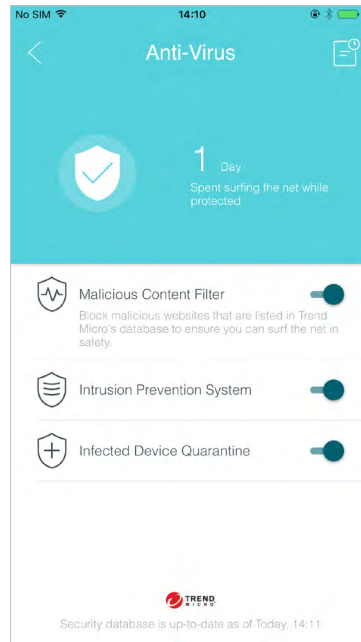
- Create a profile for each family member, put them under different filter levels. Each filter level caters to a different age group. Specify what contents to be blocked and control when and how long the profile can surf the internet.
- Check each profile's internet history and pause the internet immediately if necessary. Group devices to a profile.



3.3. Antivirus

Open the app menu and find Antivirus entry. There are three types of protection.

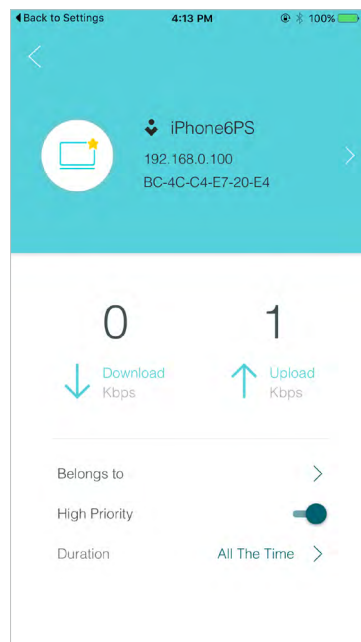
- Malicious Content Filter: Block malicious websites that are listed in Trend Micro's database to ensure you can surf the net in safety.
- Intrusion Prevention System: Protects the system and applications against external attacks and eliminates vulnerabilities.
- Infected Device Quarantine: Prevents infected devices from sending sensitive information or security threats to clients outside your network.



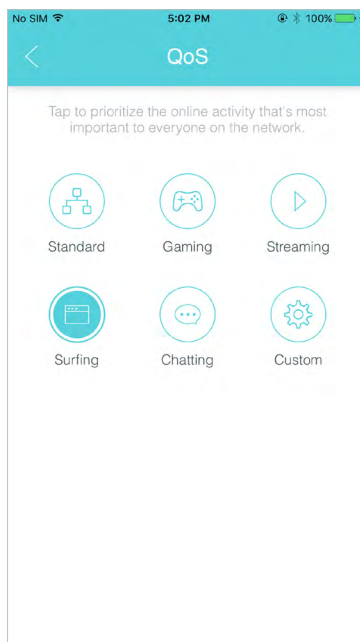
3.4. QoS

There are two types of QoS (Quality of Service).

- Set high priority to particular devices in a period of time. It's found at the device page.

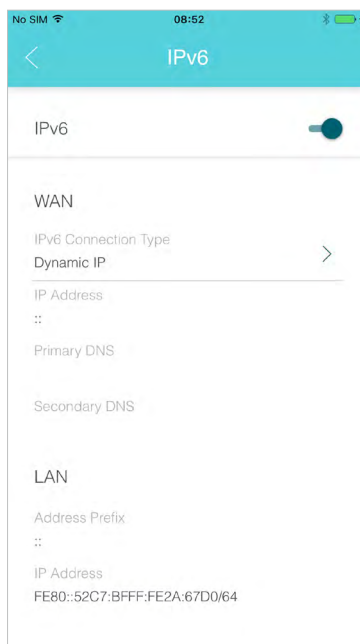


- Prioritize a kind of activity that is most important to the whole family. It's found at the main menu.



3.5. IPv6

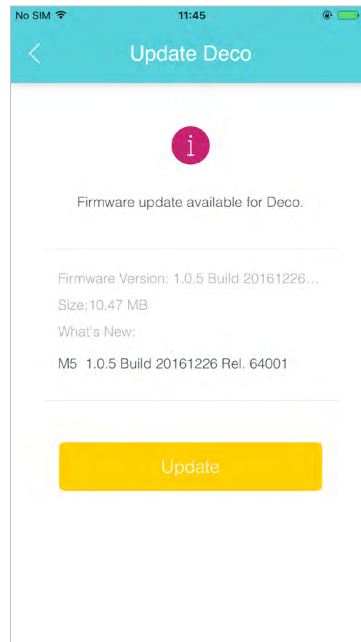
Open the app menu and find Advanced entry. Then you can configure your IPv6 parameters.



3.6. Update Deco

Open the app menu and find Update Deco entry.

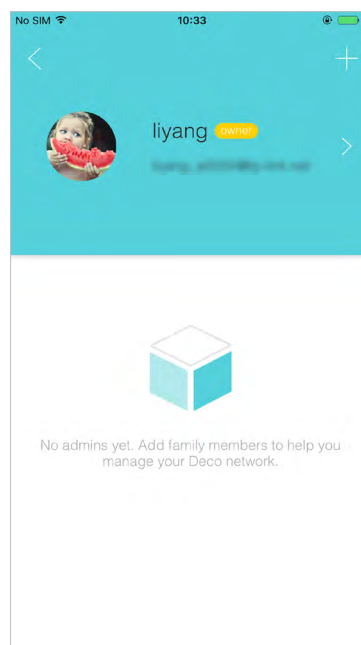
TP-Link provides continuous updates for Deco products. Each time a new version of software is available, we will send you messages, and then you can update your Deco to the latest.




3.7. Admins

Open the app menu and find Admins entry.

Here you can add your friends and family members as your network admins to help you manage your network. Each admin should have their own TP-Link IDs.



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FCC STATEMENT



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."

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.

RF Exposure Information

This device meets the EU requirements (1999/5/EC 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.

Canadian Compliance Statement

This device complies with Industry Canada license-exempt RSSs. Operation is subject to the following two conditions:

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

Le présent appareil est conforme aux CNR d'Industrie 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'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Caution:

- 1) The device for operation in the band 5150–5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems;
- 2) For devices with detachable antenna(s), the maximum antenna gain permitted for devices in the bands 5250-5350 MHz and 5470-5725 MHz shall be such that the equipment still complies with the e.i.r.p. limit;
- 3) For devices with detachable antenna(s), the maximum antenna gain permitted for devices in the band 5725-5850 MHz shall be such that the equipment still complies with the e.i.r.p. limits specified for point-to-point and non-point-to-point operation as appropriate; and

The high-power radars are allocated as primary users (i.e. priority users) of the bands 5250-5350 MHz and 5650-5850 MHz and that these radars could cause interference and/or damage to LE-LAN devices.

DFS (Dynamic Frequency Selection) products that operate in the bands 5250- 5350 MHz, 5470-5600MHz, and 5650-5725MHz.

Avertissement:

- 1) Le dispositif fonctionnant dans la bande 5150-5250 MHz est réservé uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux;
- 2) Le gain maximal d'antenne permis pour les dispositifs avec antenne(s) amovible(s) utilisant les bandes 5250-5350 MHz et 5470-5725 MHz doit se conformer à la limitation P.I.R.E.;
- 3) Le gain maximal d'antenne permis pour les dispositifs avec antenne(s) amovible(s) utilisant la bande 5725-5850 MHz doit se conformer à la limitation P.I.R.E spécifiée pour l'exploitation point à point et non point à point, selon le cas.

En outre, les utilisateurs devraient aussi être avisés que les utilisateurs de radars de haute puissance sont désignés utilisateurs principaux (c.-à-d., qu'ils ont la priorité) pour les bandes 5250-5350 MHz et 5650-5850 MHz et que ces radars pourraient causer du brouillage et/ou des dommages aux dispositifs LAN-EL.

Les produits utilisant la technique d'atténuation DFS (sélection dynamique des fréquences) sur les bandes 5250- 5350 MHz, 5470-5600MHz et 5650-5725MHz.

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-3 (B)/NMB-3(B)

Korea Warning Statements

당해 무선설비는 운용중 전파혼신 가능성이 있음.

NCC Notice

注意！

依據 低功率電波輻射性電機管理辦法

第十二條 經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性或功能。

第十四條 低功率射頻電機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。前項合法通信，指依電信規定作業之無線電信。低功率射頻電機需忍受合法通信或工業、科學以及醫療用電波輻射性電機設備之干擾。

於5.25GHz至5.35GHz區域內操作之無線設備的警告聲明
工作頻率5.250~5.350GHz該頻段限於室內使用。

BSMI Notice

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。
- 請不要私自打開機殼，不要嘗試自行維修本產品，請由授權的專業人士進行此項工作。



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



Safety Information

- When product has power button, the power button is one of the way to shut off the product; when there is no power button, the only way to completely shut off power is to disconnect the product or the power adapter from the power source.
- Don't disassemble the product, or make repairs yourself. You run the risk of electric shock and voiding the limited warranty. If you need service, please contact us.
- Avoid water and wet locations.
- Adapter shall be installed near the equipment and shall be easily accessible.
- The plug considered as disconnect device of adapter.



Use only power supplies which are provided by manufacturer and in the original packing of this product.

For EU/EFTA, this product can be used in the following countries:

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

Explanation of the symbols on the product label

Symbol	Explanation
	DC voltage
	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.