



AX3000 Outdoor/Indoor Mesh Wi-Fi 6 Unit  
Superior Mesh Wi-Fi, Everywhere



# User Guide

AX3000 Outdoor/Indoor  
Mesh Wi-Fi 6 Unit  
Deco X50-Outdoor



# Contents

|                                |    |                              |    |
|--------------------------------|----|------------------------------|----|
| About This Guide .....         | 1  | Advanced Features .....      | 18 |
| Appearance .....               | 2  | WPS.....                     | 23 |
| Set Up Your Deco .....         | 3  | Weekly/Monthly Reports ..... | 24 |
| Add More Decos .....           | 6  | Managers .....               | 25 |
| Dashboard .....                | 7  | FAQ .....                    | 26 |
| Check Deco Status .....        | 8  | Authentication .....         | 27 |
| Manage Connected Devices ..... | 9  |                              |    |
| Create New Networks .....      | 10 |                              |    |
| Wi-Fi Detective .....          | 12 |                              |    |
| Remove/Reboot Deco .....       | 13 |                              |    |
| HomeShield .....               | 14 |                              |    |
| Wi-Fi Settings .....           | 15 |                              |    |
| Blacklist .....                | 16 |                              |    |
| Online Update .....            | 17 |                              |    |

# About This Guide

This guide provides a brief introduction to Deco Whole Home Mesh Wi-Fi 6 System and the Deco app, as well as 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>.
- Videos about how to configure the Deco can be found on the [Setup Videos](#) page at <https://www.tp-link.com/support/setup-video/#deco>

## 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.

## HomeShield Disclaimer

HomeShield includes the Free Basic Plan. Fees apply for the Pro Plan. Visit [tp-link.com/homeshield](https://tp-link.com/homeshield) for more information.

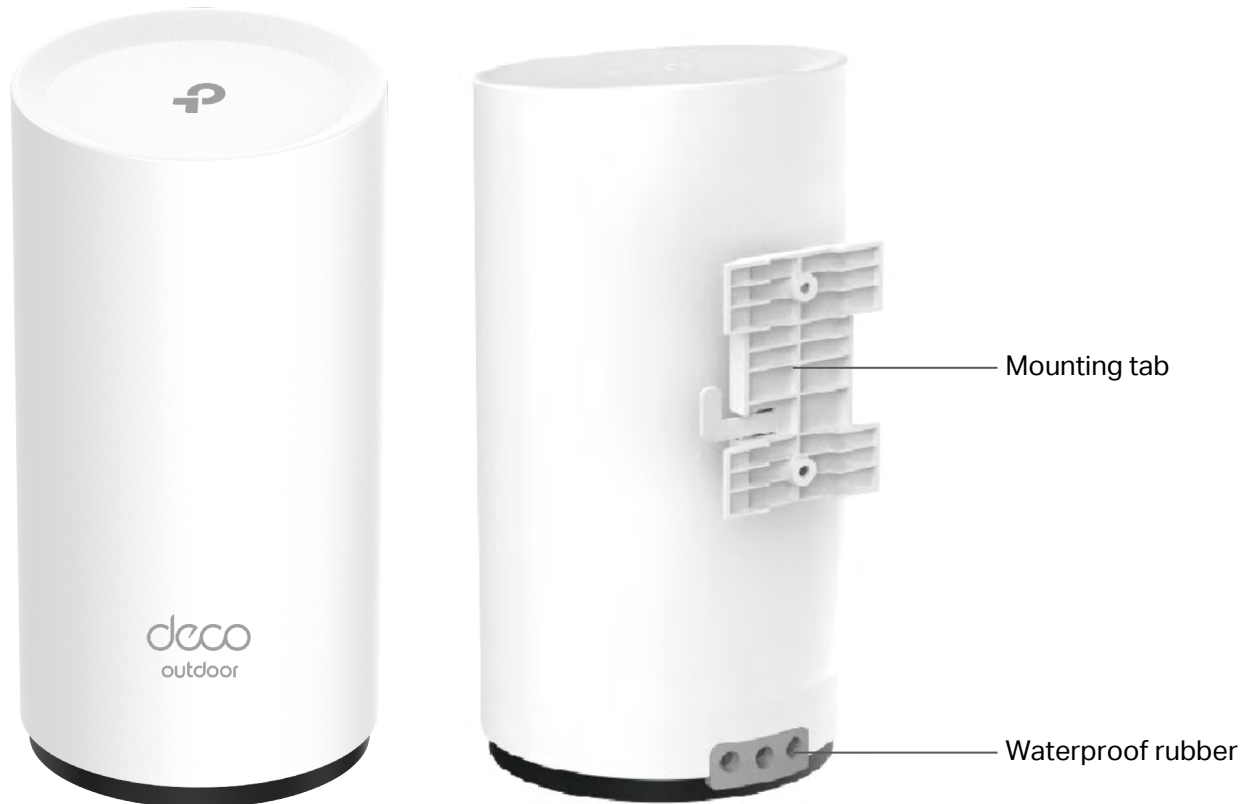
# Appearance

Each Deco has an LED that changes color according to its status, two PoE ports, a power socket, and a Reset button.

See the explanation below:

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

- **Yellow pulse:**  
Deco is resetting.
- **Yellow solid:**  
Deco is starting up.
- **Blue pulse:**  
Deco is ready for setup  
or WPS in progress.
- **Blue solid:**  
Deco is setting up.
- **Green pulse:**  
Deco is upgrading firmware.
- **Green solid:**  
Deco is registered and all is well.
- **Red pulse:**  
Deco is disconnected from main Deco.
- **Red solid:**  
Deco has an issue.



# Set Up Your Deco

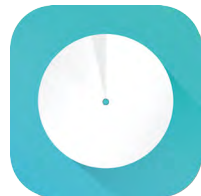
The intuitive Deco app guides you through an easy setup process that gets each unit up and running and all your devices connected and online. Follow the steps below to set up your Deco Whole Home Mesh Wi-Fi 6 System.

## 1. Download and install the Deco app

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



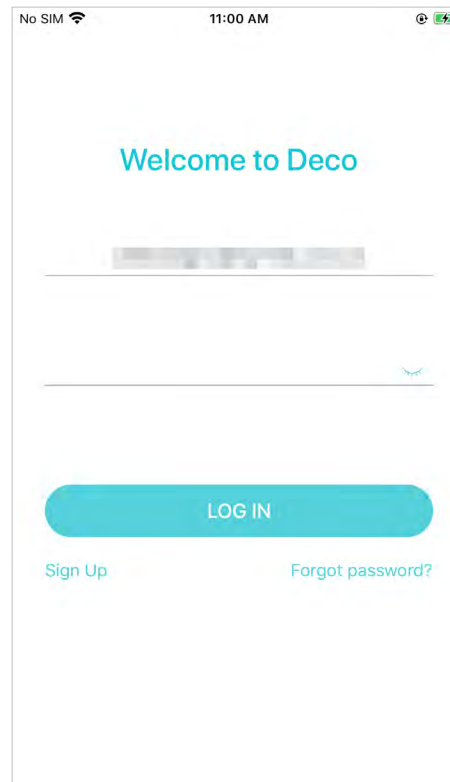
or



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

Open the app. Use your TP-Link ID to log in. If you don't have a TP-Link ID, sign up first.

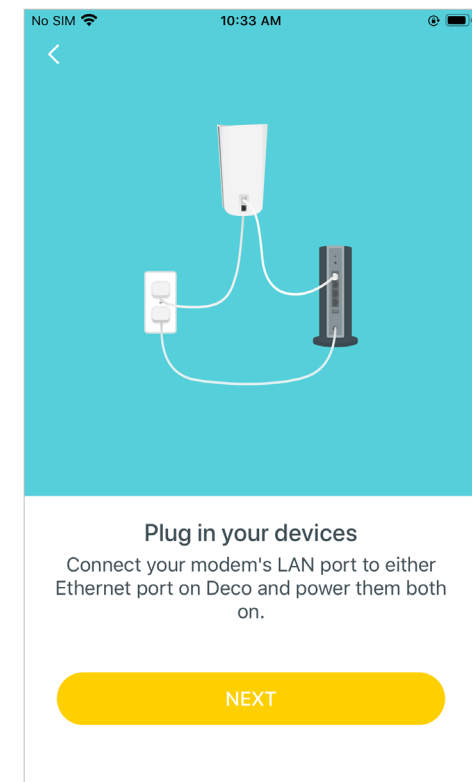
 Note: If you forgot your login password, tap [Forgot password?](#). The Deco app will guide you through the rest.



## 3. Connect Deco to your modem

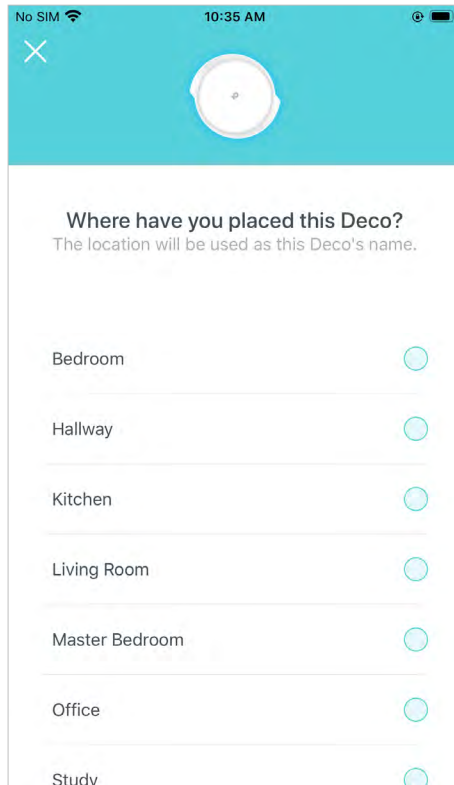
Power off your modem. Connect your Deco to the modem and power them both on.

If you don't have a modem, connect the Ethernet outlet directly to your Deco.



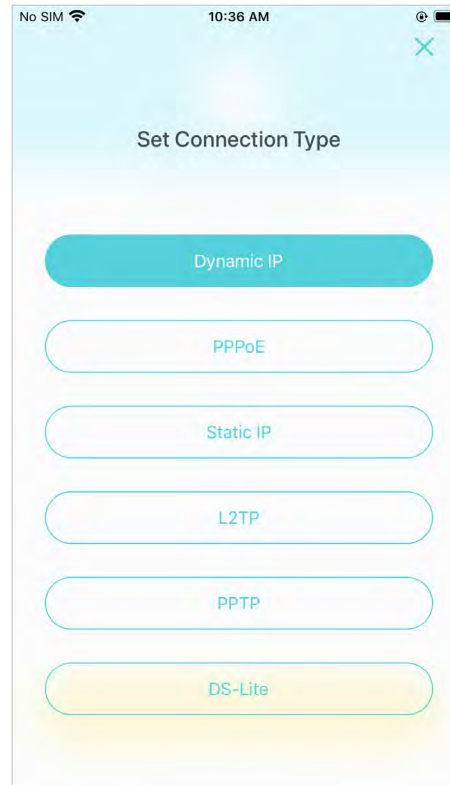
#### 4. Select a location

Select a location for this Deco. If its location is not listed, you can create a new one by choosing [Custom](#).



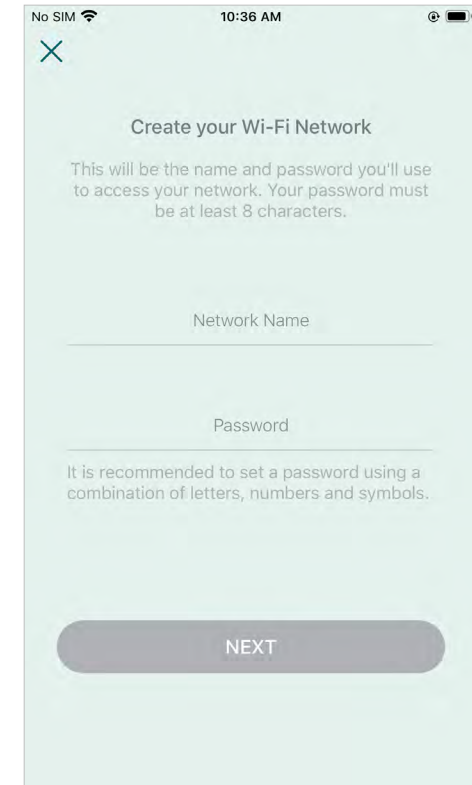
#### 5. Set up internet connection

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



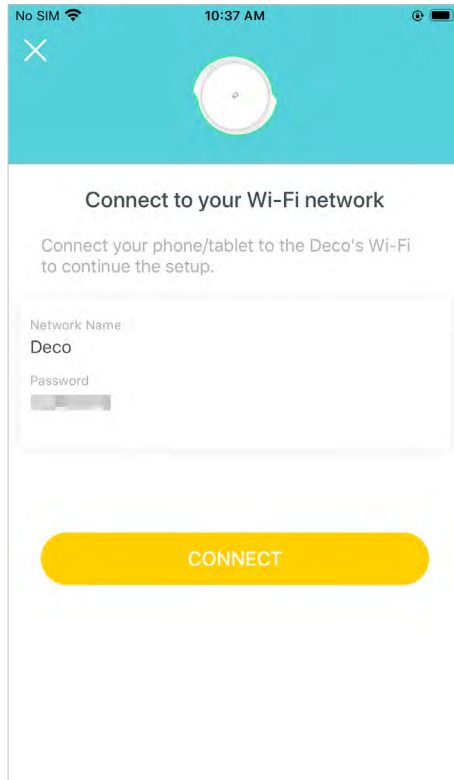
#### 6. Create your Wi-Fi network

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



## 7. Connect to your Wi-Fi network

Connect your devices to the Deco's Wi-Fi to continue the setup.



No SIM 10:37 AM

×



### Connect to your Wi-Fi network

Connect your phone/tablet to the Deco's Wi-Fi to continue the setup.

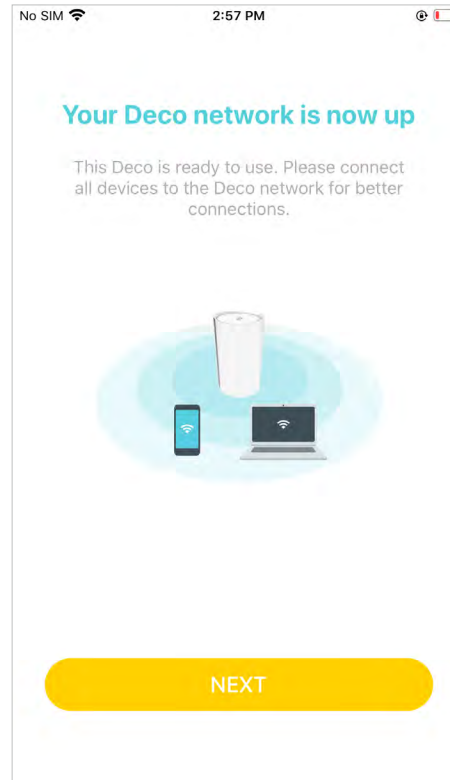
Network Name  
Deco

Password  
[Masked]

CONNECT

## 8. Setup complete

Your Deco network is now up. Connect all devices to the Deco network for better connections.



No SIM 2:57 PM

### Your Deco network is now up

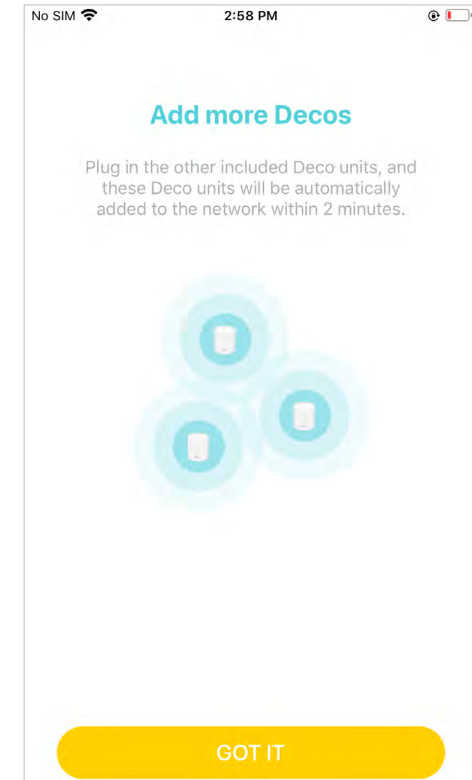
This Deco is ready to use. Please connect all devices to the Deco network for better connections.



NEXT

## 9. Add more Decos

Plug in the other included Deco units, and these Deco units will be automatically added to the network within 2 minutes.



No SIM 2:58 PM

### Add more Decos

Plug in the other included Deco units, and these Deco units will be automatically added to the network within 2 minutes.



GOT IT