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› TP-Link Deco AX5000 Mesh Wi-Fi System User Manual

TP-Link Deco AX5000

TP-Link Deco AX5000 Mesh Wi-Fi System User Manual

Comprehensive guide for setting up, operating, and maintaining your TP-Link Deco AX5000 Mesh Wi-Fi System.

INTRODUCTION

Welcome to the user manual for your new TP-Link Deco AX5000 Mesh Wi-Fi System. This system is designed to provide seamless, high-speed Wi-Fi coverage throughout your home, eliminating dead zones and ensuring a stable connection for all your devices. With Wi-Fi 6 technology, the Deco AX5000 delivers enhanced performance, greater capacity, and improved efficiency for a superior online experience.

SAFETY INFORMATION

Please read and follow all safety instructions carefully before using your TP-Link Deco AX5000 Mesh Wi-Fi System to prevent damage and ensure proper operation.

- Do not expose the device to water or moisture.
- Do not attempt to disassemble or repair the device.
- Use only the power adapter provided with the device.
- Ensure proper ventilation around the device to prevent overheating.
- Keep the device away from heat sources and direct sunlight.
- This device is for indoor use only.

PACKAGE CONTENTS

Verify that all items are included in your package:

- 3 x TP-Link Deco AX5000 Units
- 3 x Power Adapters
- 1 x Ethernet Cable
- 1 x Quick Installation Guide



Image: The TP-Link Deco AX5000 Mesh Wi-Fi System, including three compact white units designed for whole-home coverage.

SETUP

Setting up your TP-Link Deco AX5000 system is straightforward. Follow these steps for a quick and easy installation:

1. **Download the Deco App:** Search for "TP-Link Deco" in the App Store or Google Play Store and download the application.
2. **Prepare Your Modem:** Power off your existing modem and remove its battery (if applicable).
3. **Connect the First Deco Unit:** Connect one of the Deco units to your modem using the provided Ethernet cable. Plug the power adapter into the Deco unit and power it on.
4. **Launch the App and Follow Instructions:** Open the Deco app on your smartphone or tablet. The app will guide you through the process of creating a TP-Link ID, setting up your first Deco unit, and configuring your Wi-Fi network name and password.
5. **Place Additional Deco Units:** Once the first Deco unit is set up, the app will prompt you to add additional units. Place them in strategic locations throughout your home to maximize Wi-Fi coverage. Ensure they are within range of each

other and the main Deco unit.

6. **Verify Connection:** The LED indicator on each Deco unit will turn solid green once successfully connected to the mesh network.



Image: The TP-Link Deco app interface on a smartphone, demonstrating the ease of setup for the mesh Wi-Fi system.

OPERATING INSTRUCTIONS

The TP-Link Deco AX5000 system provides a robust and intelligent mesh network. Here's how to manage and optimize your Wi-Fi experience:

Using the Deco App

The Deco app is your central control panel for managing your mesh network. It allows you to:

- **Monitor Network Status:** View connected devices, network speed, and overall network health.
- **Manage Devices:** Prioritize devices for faster speeds, block unwanted users, and view device details.
- **Guest Network:** Easily create a separate Wi-Fi network for guests, keeping your main network secure.
- **Parental Controls:** Set up profiles for family members, filter content, and manage online time.
- **Antivirus & QoS:** Utilize built-in HomeShield features for network security and Quality of Service settings.
- **Firmware Updates:** Receive notifications and easily update your Deco units to the latest firmware for improved performance and security.



Image: The TP-Link Deco AX5000 system supports connections for over 150 devices, ensuring stable performance for various activities.

Ethernet Ports

Each Deco AX5000 unit is equipped with two Gigabit WAN/LAN ports, allowing you to connect wired devices such as computers, gaming consoles, or smart TVs directly to the network for maximum speed and stability.



Image: Rear view of a Deco unit highlighting the two Gigabit WAN/LAN ports and power input for wired connections.

MAINTENANCE

To ensure optimal performance and longevity of your TP-Link Deco AX5000 Mesh Wi-Fi System, consider the following maintenance tips:

- **Regular Firmware Updates:** Check the Deco app periodically for new firmware updates. Updates often include performance improvements, security patches, and new features.
- **Clean the Units:** Gently wipe the exterior of the Deco units with a soft, dry cloth to remove dust. Do not use liquid cleaners or abrasive materials.
- **Ensure Proper Ventilation:** Make sure the Deco units are placed in well-ventilated areas, away from obstructions that could block airflow. Avoid placing them in enclosed spaces or on top of other heat-generating devices.
- **Restart Periodically:** If you experience any network issues, a simple restart of your Deco units and modem can often

resolve them. You can do this through the Deco app or by unplugging and replugging the power adapters.

TROUBLESHOOTING

If you encounter issues with your TP-Link Deco AX5000 system, refer to the following common problems and solutions:

Problem	Solution
No Internet Connection	Check if your modem is working correctly. Ensure the Ethernet cable is securely connected between the modem and the main Deco unit. Restart both the modem and the Deco unit.
Weak Wi-Fi Signal / Dead Zones	Relocate Deco units closer to each other or to the areas with weak signals. Ensure there are no major obstructions (thick walls, large appliances) between units.
Deco Unit LED is Red	A red LED indicates a problem. Check the internet connection to the main Deco unit. If it's an satellite unit, try moving it closer to another Deco unit or restarting it.
Cannot Connect to Deco App	Ensure your smartphone is connected to the Deco Wi-Fi network. Try restarting the app or reinstalling it.
Slow Speeds	Check your internet service provider's speed. Ensure no background downloads are consuming bandwidth. Use the QoS feature in the Deco app to prioritize important devices.

SPECIFICATIONS

Key technical specifications for the TP-Link Deco AX5000 Mesh Wi-Fi System:

- **Model:** Deco AX5000
- **Wi-Fi Standard:** Wi-Fi 6 (802.11ax)
- **Wi-Fi Speeds:** Up to 5.0 Gbps (5000 Mbps)
- **Coverage:** Up to 7,100 sq. ft. (3-pack)
- **Connected Devices:** Supports up to 150 devices
- **Ethernet Ports:** 2 x Gigabit WAN/LAN ports per unit
- **Frequency Band Class:** Dual-Band
- **Dimensions:** 4 x 9 x 12 inches (Product Dimensions)
- **Item Weight:** 6.3 pounds
- **Color:** White
- **Special Feature:** WPS
- **Security:** TP-Link HomeShield (Antivirus, Parental Controls, QoS)

WARRANTY AND SUPPORT

TP-Link provides a limited warranty for the Deco AX5000 Mesh Wi-Fi System. For detailed warranty information, including terms, conditions, and duration, please refer to the warranty card included in your product packaging or visit the official TP-Link website.

For technical support, troubleshooting assistance, or to access additional resources such as FAQs and driver downloads, please visit the TP-Link support page:

[TP-Link Official Support](#)

You can also contact TP-Link customer service directly through the contact information provided on their support website.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

How do I connect a landline phone to the TP-Link Deco AX5000?

The TP-Link Deco AX5000 is a mesh Wi-Fi system designed for internet data and does not have a built-in RJ11 phone port for traditional landline telephone service. You cannot plug a standard phone line...

[Read full answer](#)

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