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› TP-Link Deco M9 Plus (TL-WHS510KIT) Whole Home Mesh WiFi System User Manual

TP-Link TL-WHS510KIT

TP-Link Deco M9 Plus (TL-WHS510KIT) Whole Home Mesh WiFi System User Manual

Comprehensive guide for setup, operation, and maintenance.

1. INTRODUCTION

The TP-Link Deco M9 Plus (TL-WHS510KIT) is a Whole Home Mesh WiFi System designed to provide seamless wireless coverage throughout your home. This system integrates a smart hub, supporting WiFi, Zigbee, and Bluetooth devices, and features tri-band technology for enhanced performance. This manual provides essential instructions for setting up, operating, maintaining, and troubleshooting your Deco M9 Plus system.

2. PACKAGE CONTENTS

Before you begin, please verify that your package contains the following items:

- TP-Link Deco M9 Plus Unit(s)
- Power Adapter(s)
- Ethernet Cable
- Quick Installation Guide

Note: As a renewed product, accessories may not be original but will be compatible and fully functional.

3. SETUP GUIDE

Follow these steps to set up your TP-Link Deco M9 Plus system:

1. **Download the Deco App:** Search for "TP-Link Deco" in the App Store (iOS) or Google Play Store (Android) and download the application.
2. **Prepare Your Modem:** Power off your modem and remove its backup battery (if applicable).
3. **Connect the First Deco Unit:**

- Connect one end of the Ethernet cable to your modem's Ethernet port.
- Connect the other end of the Ethernet cable to any Ethernet port on your Deco unit.
- Power on your modem.
- Plug in the power adapter to the Deco unit and connect it to a power outlet. Wait for the Deco's LED to pulse blue.



Image: Rear view of the TP-Link Deco M9 Plus unit showing two Gigabit Ethernet ports, a USB 2.0 port, and the power input.

4. Configure via Deco App:

- Open the Deco app and log in or sign up for a TP-Link ID.
- Follow the on-screen instructions to set up your first Deco unit. This includes creating your WiFi network name (SSID) and password.

5. **Add More Deco Units:** If you have multiple Deco units, the app will guide you through adding them to your mesh network. Place additional units in locations that provide good coverage to extend your WiFi signal.

4. OPERATING YOUR DECO M9 PLUS SYSTEM

4.1. Integrated Smart Hub Functionality

The Deco M9 Plus features an integrated smart hub that supports WiFi, Zigbee, and Bluetooth devices. This allows you to control various smart home devices directly through the Deco app.

Integrated Smart Hub:

Works with WiFi, Zigbee, and Bluetooth devices



Image: Illustration of the integrated smart hub connecting to various smart devices like lights, sensors, and plugs.

4.2. Tri-Band Technology

The Deco M9 Plus utilizes tri-band technology, which includes a dedicated 5 GHz band for wireless backhaul. This ensures stable and fast connections, especially when multiple devices are active on your network.

Triband:

More backhaul when traffic gets heavier

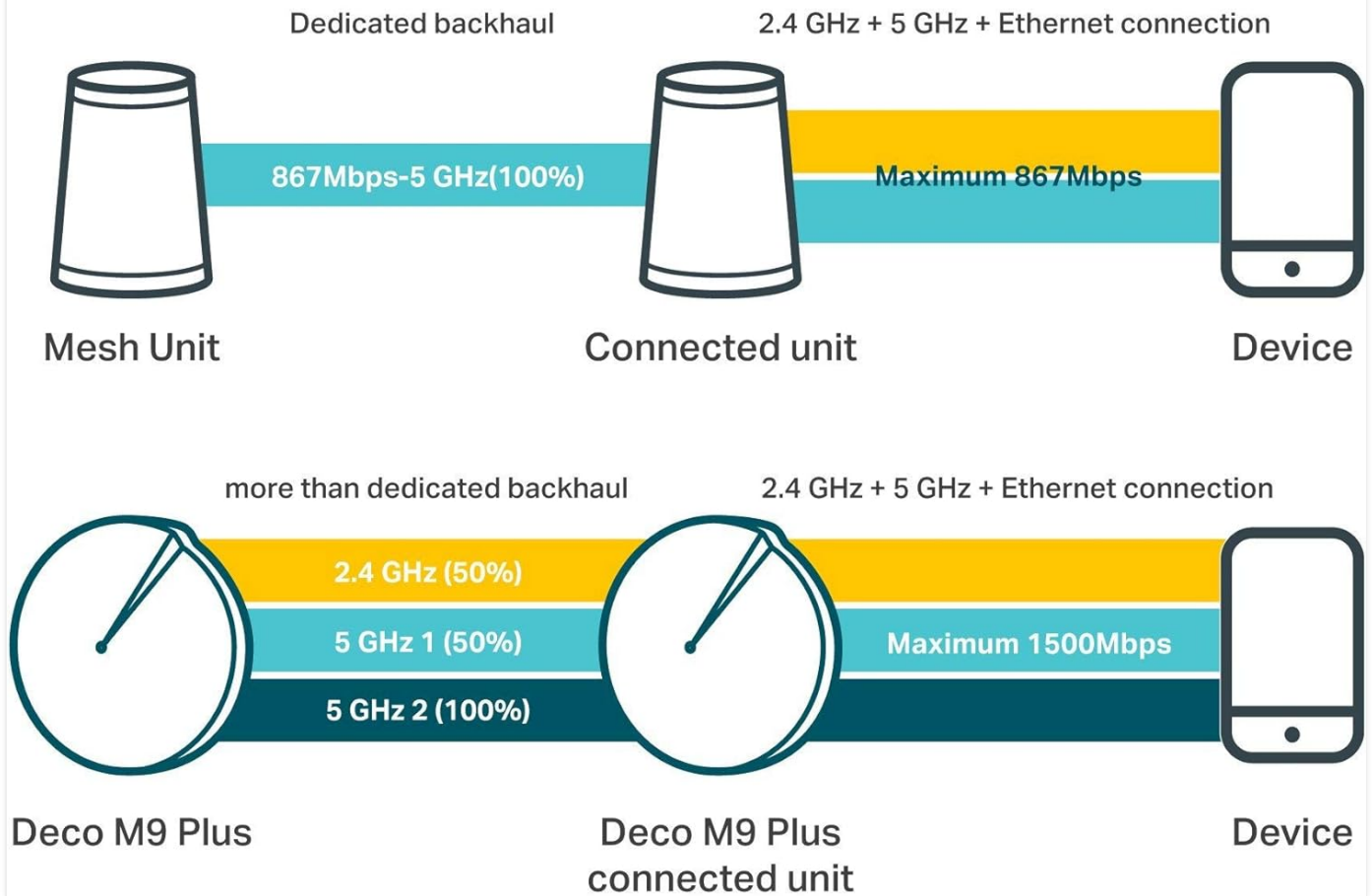


Image: Diagram explaining how tri-band technology provides dedicated backhaul for improved network performance, detailing bandwidth distribution across 2.4 GHz and two 5 GHz bands.

4.3. HomeCare Security

TP-Link HomeCare provides comprehensive security features to protect all devices connected to your network. This includes antivirus, parental controls, and Quality of Service (QoS).

HomeCare:

Protect all of your devices

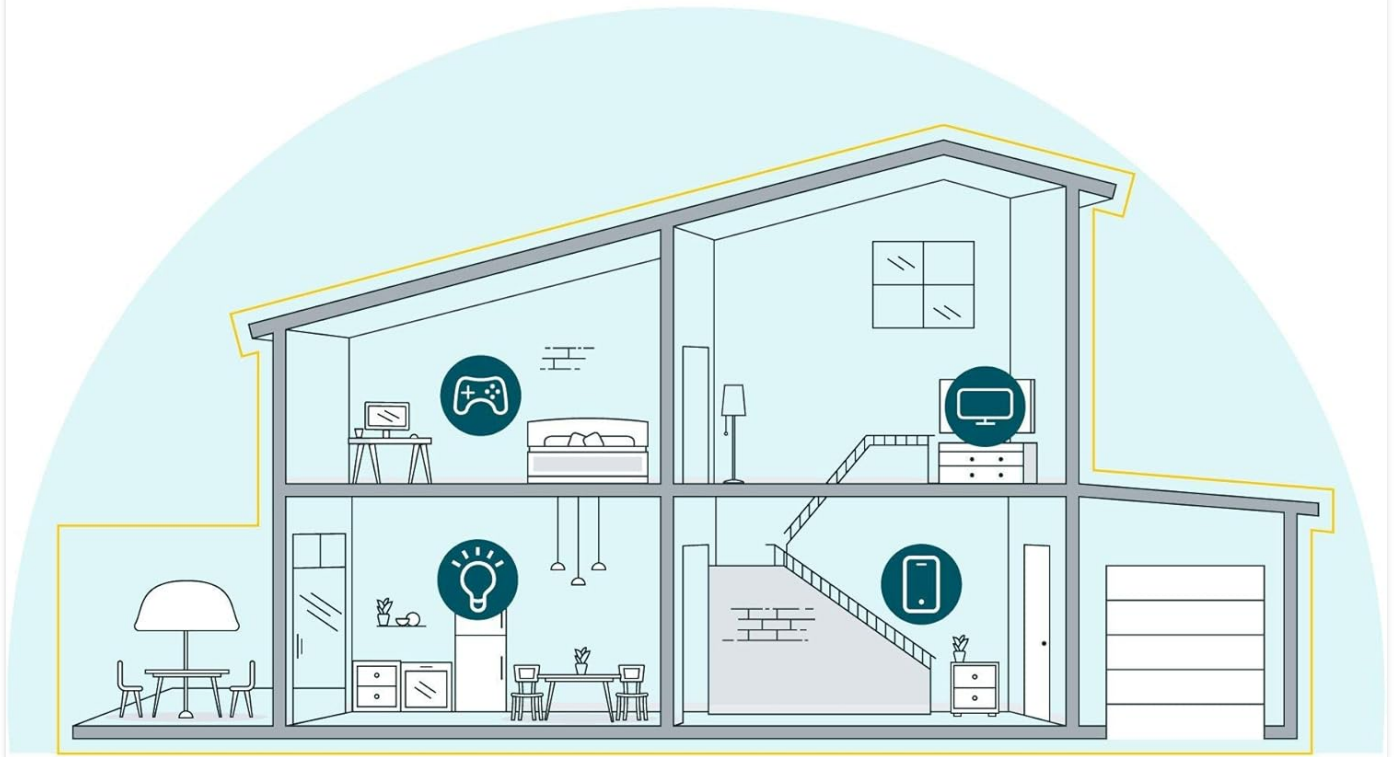


Image: Illustration of HomeCare protecting various devices within a multi-story home network, emphasizing comprehensive security.

4.4. App Control

Manage your entire mesh WiFi system and connected smart devices using the intuitive TP-Link Deco app. The app allows you to:

- View connected devices and their status.
- Set up parental controls and time limits.
- Prioritize devices for optimal performance (QoS).
- Create a guest network.
- Run network speed tests.
- Update firmware.

5. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your Deco M9 Plus system:

- **Firmware Updates:** Regularly check for and install firmware updates via the Deco app. Updates often include performance improvements, security patches, and new features.

- **Cleaning:** Keep the Deco units clean and free from dust. Use a soft, dry cloth. Do not use liquid cleaners or aerosols. Ensure ventilation holes are not obstructed.
- **Placement:** Ensure Deco units are placed in open areas, away from large metal objects, thick walls, and interference sources like microwaves or cordless phones, to maintain optimal signal strength.
- **Rebooting:** If you experience network issues, try rebooting your Deco units and modem. Power off, wait 30 seconds, then power on the modem first, followed by the Deco units.

6. TROUBLESHOOTING

Here are solutions to common issues you might encounter:

Problem	Solution
Deco LED is Red	This indicates a problem with the internet connection. Check your modem and the Ethernet cable connection to the main Deco unit. Try rebooting your modem and Deco units.
No Internet Access	Ensure your modem is working correctly. Verify the Ethernet cable connection between the modem and the main Deco unit. Check the Deco app for any error messages or connection status. Try updating the Deco firmware.
Slow WiFi Speed	Check the placement of your Deco units to ensure optimal coverage. Avoid interference from other electronic devices. Use the Deco app to run a network speed test and optimize network settings. Ensure firmware is up to date.
Cannot Add Another Deco Unit	Ensure the new Deco unit is powered on and its LED is pulsing blue. Try moving it closer to an existing Deco unit during the setup process. Follow the in-app instructions carefully.
Deco App Cannot Find Deco Unit	Ensure your phone is connected to the Deco's WiFi network (if already set up) or directly to the Deco unit via Bluetooth during initial setup. Make sure the Deco unit is powered on and its LED is pulsing blue.

7. SPECIFICATIONS

Feature	Detail
Brand	TP-Link
Model Name	TP-Link Smart Hub
Model Number	TL-WHS510KIT
Mfr Part Number	Deco M9(1-Pack)-cr
Special Feature	WPS, Integrated Smart Hub (Zigbee, Bluetooth)
Frequency Band Class	Tri-Band (2.4 GHz, 5 GHz-1, 5 GHz-2)
Wireless Communication Standard	802.11ac
Compatible Devices	Laptop, Smart Home Devices
Recommended Uses For Product	Home

Feature	Detail
Connectivity Technology	Wireless, Ethernet
Antenna Type	Fixed Internal
Number of Antennas	6 Internal Antennas
Operating System	Linux (Internal)
Security Protocol	WPS, WPA2-PSK, TP-Link HomeCare
Ports	2 Gigabit Ethernet Ports, 1 USB 2.0 Port
Control Method	App (TP-Link Deco App)
Data Transfer Rate	Up to 2200 Mbps (867 Mbps on 5 GHz-1, 867 Mbps on 5 GHz-2, 400 Mbps on 2.4 GHz)
LAN Port Bandwidth	1 Gbps
Voltage	Input: 100-240V ~ 50/60Hz
Maximum Upstream Data Transfer Rate	500 Megabits Per Second
Has Internet Connectivity	Yes
Router Network Type	Mesh
Is Modem Compatible	No (Functions as a router, requires separate modem)
Connectivity Protocol	Wi-Fi, Zigbee, Bluetooth
Coverage	Whole Home
Controller Type	App Control
Frequency	2.4 GHz & 5 GHz
UPC	845973089269

Note: Some specifications have been enhanced or clarified based on the known features of the TP-Link Deco M9 Plus model for improved accuracy and completeness.

8. WARRANTY AND SUPPORT

8.1. Warranty Information

This TP-Link Deco M9 Plus system is a renewed product and comes with a **90-day Amazon Renewed Guarantee**. This guarantee covers replacement or refund if you are not satisfied within 90 days of receipt. For specific warranty details, please refer to the Amazon Renewed program terms and conditions.

Original manufacturer warranty details may vary for renewed products. Please contact TP-Link support for information regarding manufacturer support for renewed devices.

8.2. Technical Support

For technical assistance, firmware updates, or further troubleshooting, please visit the official TP-Link support website or contact their customer service. You can typically find support resources, FAQs, and contact information at www.tp-link.com/support.

When contacting support, have your model number (TL-WHS510KIT) and serial number ready.

