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› TP-Link Deco P9 Powerline Hybrid Mesh Wi-Fi System User Manual

TP-Link Deco P9(3-Pack)

TP-Link Deco P9 Powerline Hybrid Mesh Wi-Fi System User Manual

Model: Deco P9(3-Pack)

1. INTRODUCTION

The TP-Link Deco P9 Powerline Hybrid Mesh Wi-Fi System is designed to provide seamless, high-speed Wi-Fi coverage throughout your entire home, eliminating dead zones and buffering. This system utilizes both Wi-Fi and Powerline technologies to create stronger connections between Deco units, especially in homes with thick walls or multiple floors where traditional Wi-Fi signals may struggle. The Powerline technology acts as a third data lane, similar to a Tri-band mesh router, ensuring stable and fast internet access across your property.



Figure 1: Three TP-Link Deco P9 units, showcasing their compact and cylindrical design.

2. PACKAGE CONTENTS

Before you begin, ensure all components are present in your Deco P9 package:

- 3 x Deco P9 Units (identical, no specific main unit)
- 3 x Power Adapters
- 1 x Ethernet Cable
- Quick Installation Guide (QIG)

No More Buffering

5 GHz ————— 867 Mbps

2.4 GHz ————— 300 Mbps

connections for up to

100

devices



Testing of multiple applications conducted by TP-Link in December 2018.



Figure 2: The product packaging highlighting the AV1000 Powerline and AC1200 Wi-Fi capabilities, along with seamless coverage up to 6,000 sq ft.

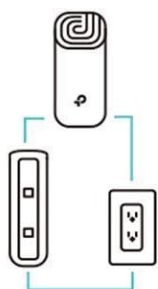
3. SETUP AND INSTALLATION

Setting up your Deco P9 system is a straightforward process primarily guided by the Deco mobile application. Follow these steps for a successful installation:

3.1 Physical Connection

- Power Off Existing Modem/Router:** Disconnect your old router from your Internet Service Provider (ISP) modem. If your modem has a backup battery, remove it.
- Connect Deco Unit:** Use the provided Ethernet cable to connect one of the Deco P9 units to your ISP modem. Any of the Deco units can serve as the main unit.
- Power On Devices:** Plug in the power adapter to the Deco unit and turn it on. Then, power on your ISP modem. Allow a few minutes for both devices to fully boot up and establish a connection. The LED on the Deco unit will pulse blue when it's ready for setup.

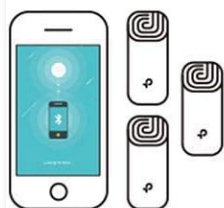
Setup Just Got a Lot Easier



- 1 Connect Deco to your cable modem & turn on both



- 2 Download & launch the Deco app



- 3 Follow the in-app instructions to configure your Deco system

*Powerline Deco units must be plugged into a wall outlet for optimal performance

Figure 3: Visual guide for initial setup, including connecting the Deco unit to your cable modem and using the Deco app.

3.2 App-Guided Setup

1. **Download the Deco App:** Search for "TP-Link Deco" in your mobile device's app store (App Store for iOS or Google Play Store for Android) and download the application.
2. **Create/Log In to TP-Link ID:** Open the Deco app and either create a new TP-Link ID or log in with an existing one.
3. **Select Your Deco Model:** The app will prompt you to select your Deco model. Choose "P9" from the list.
4. **Follow In-App Instructions:** The app will provide step-by-step visual guidance. Confirm that the Deco unit's LED is pulsing blue.
5. **Connect to Deco's Wi-Fi:** Go to your phone's Wi-Fi settings and connect to the default Deco Wi-Fi network (SSID usually found on the product label).
6. **Configure Internet Connection:** The app will detect your internet connection type. For most home users, "Dynamic

IP" is the correct setting. If unsure, contact your ISP.

7. **Create Your Wi-Fi Network:** Set a Network Name (SSID) and a strong password for your new Wi-Fi network. This will be the network your devices connect to.
8. **Add Additional Deco Units:** Once the first unit is set up, the app will guide you through adding the remaining Deco units. Simply plug them into power outlets in suitable locations. The app will automatically detect and integrate them into your mesh network.

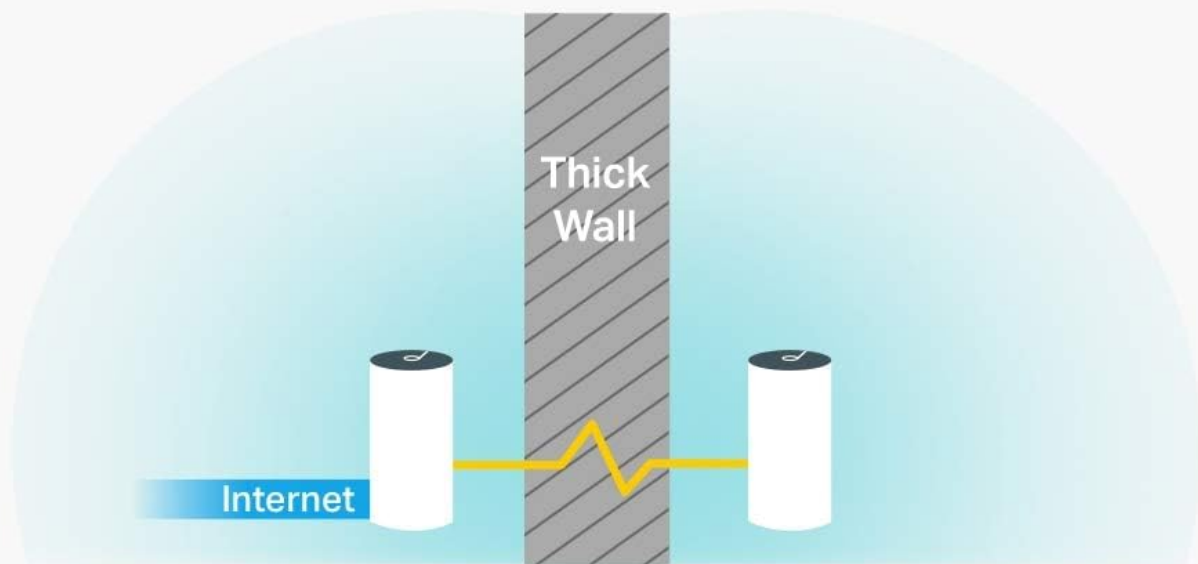
4. OPERATING YOUR DECO P9 SYSTEM

The Deco P9 system creates a single, unified Wi-Fi network that intelligently connects your devices to the strongest signal as you move around your home. This ensures seamless roaming without interruptions or manual switching between networks.

4.1 Seamless Roaming and Powerline Backhaul

Unlike traditional Wi-Fi extenders that create separate networks, Deco P9 units work together to form a single, cohesive network. The hybrid Powerline technology enhances this by using your home's electrical wiring to transmit data between Deco units, providing a robust and reliable backhaul connection that bypasses physical obstacles like thick walls. This results in extended coverage and improved stability.

Mesh Wi-Fi + Powerline: Signal Through Walls



Deco P9 (Wi-Fi + Powerline)

Figure 4: How Powerline technology enables Wi-Fi signals to pass through thick walls, enhancing connectivity.

Dead-Zone Killer



Figure 5: Illustration of the Deco P9 system's ability to eliminate dead zones by combining Wi-Fi and AV1000 Gigabit Powerline connections throughout a home.

4.2 Ethernet Ports

Each Deco P9 unit is equipped with two Gigabit Ethernet ports. These ports can be used to connect wired devices such as smart TVs, gaming consoles, or desktop computers directly to the Deco unit, providing a stable and high-speed connection. One port on the main Deco unit will be used for the connection to your ISP modem.

4.3 Device Capacity

The Deco P9 system is capable of connecting up to 100 devices simultaneously, ensuring stable performance even in busy smart homes with numerous connected gadgets.

No More Buffering

connections
for up to

100
devices



Testing of multiple applications conducted by TP-Link in December 2018.

Figure 6: The Deco P9 supports up to 100 devices, facilitating high-speed downloading, IP camera streaming, and various resolutions of video streaming.

5. ADVANCED FEATURES AND SETTINGS

The Deco app provides a range of features to manage and customize your home network:

5.1 Parental Controls

Set up profiles for each family member to manage their online experience. You can:

- **Filter Levels:** Apply age-appropriate content filters (Child, Pre-Teen, Teen, Adult) to block specific categories or websites.
- **Time Limits:** Set daily time limits for internet usage on weekdays and weekends.
- **Bedtime:** Schedule specific times when internet access is blocked for certain profiles or devices.
- **Device-Specific Controls:** Apply these controls to individual devices, such as gaming consoles or smartphones.

Parental Controls

Simple, intuitive parental controls make it easy to keep your children safe while they're online



Filter Levels

One-touch security settings block websites based on age-appropriateness.



Time Limits

Set limits on how much time each person in your family can spend online.



Insights

View your children's visited sites, & time spent on each, to ensure safety while online.



Suspend Connectivity

Bring quality time back to the home with a tap of a button to suspend internet access.

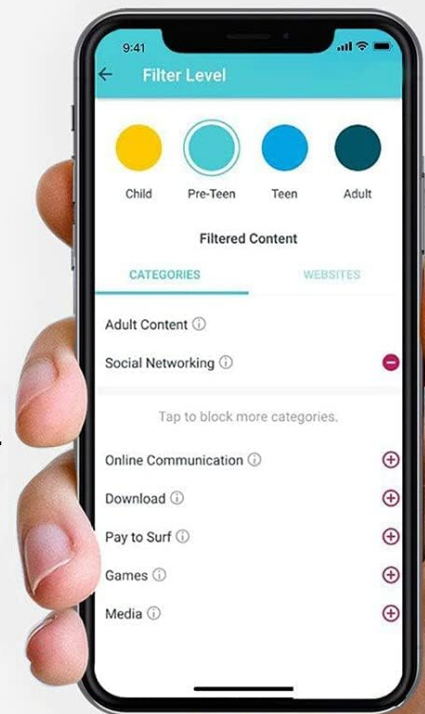


Figure 7: The Deco app's intuitive parental controls allow filtering content, setting time limits, and suspending connectivity.

5.2 Guest Network

Create a separate Wi-Fi network for guests, keeping your main network secure. This prevents visitors from accessing your private devices or network settings.

6. TROUBLESHOOTING

If you encounter issues with your Deco P9 system, consider the following common troubleshooting steps:

- **Reboot Devices:** Power cycle your ISP modem and all Deco units. Unplug them, wait for a few minutes, then plug them back in, starting with the modem.
- **Check LED Status:** Refer to the Deco app or the Quick Installation Guide for the meaning of different LED colors and patterns on your Deco units. A pulsing blue light indicates readiness for setup, while a solid green light indicates a healthy connection.
- **Verify Connections:** Ensure all Ethernet cables are securely plugged into the correct ports.

- **App Guidance:** The Deco app often provides real-time troubleshooting tips and guidance during the setup and operation process.

7. SPECIFICATIONS

Feature	Detail
Wireless Type	802.11a, 802.11ac, 802.11b, 802.11g, 802.11n
Series	Deco P9(3-Pack)
Item Model Number	Deco P9(3-Pack)
Operating System	Linux
Item Weight	2.42 pounds
Product Dimensions	3.57 x 3.57 x 7.48 inches
Color	3 Pack
Voltage	120 Volts (AC)
Special Feature	Alexa Compatible, Guest Mode, Internet Security, Parental Control, Remote Access
Frequency Band Class	Dual-Band
Connectivity Technology	Ethernet, Wi-Fi

8. SUPPORT AND DOCUMENTATION

For further assistance or detailed information, please refer to the official documentation:

- [Installation Manual \(PDF\)](#)
- [User Guide \(PDF\)](#)

You can also visit the [TP-Link Store on Amazon](#) for more product information and support resources.

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

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