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TP-Link Deco M4 (3-Pack)

TP-Link Deco M4 AC1200 Whole Home Mesh Wi-Fi System User Manual

Model: Deco M4 (3-Pack)

1. Introduction

The TP-Link Deco M4 Whole Home Mesh Wi-Fi System is designed to provide seamless, stable, and fast Wi-Fi coverage throughout your entire home. This system eliminates Wi-Fi dead zones and ensures a strong signal in every corner, covering up to 4000 square feet. Deco units work together to form a unified network with a single network name (SSID), allowing your devices to stay connected at optimal speeds as you move around your home.
The Deco M4 system utilizes dual-band AC1200 Wi-Fi 5 technology, offering reliable wireless connections and the option for Ethernet backhaul for even faster network speeds. It is compatible with Amazon Echo/Alexa for voice control and includes parental control features to manage online access for family members.



Image: The TP-Link Deco M4 Whole Home Mesh Wi-Fi System, showing three white cylindrical units and the product packaging.

2. What's in the Box

The TP-Link Deco M4 (3-Pack) system includes the following components:

- 3 x Deco M4 Units
- 3 x Power Adapters
- 1 x RJ45 Ethernet Cable
- 1 x Quick Installation Guide

3. Setup

Setting up your TP-Link Deco M4 system is a straightforward process designed for quick deployment. Follow these steps to get your home network running:

1. **Connect the First Deco Unit:** Connect one Deco unit to your cable modem using the provided RJ45 Ethernet

cable. Power on both the modem and the Deco unit.

2. **Download the Deco App:** Download the official TP-Link Deco app from the App Store (for iOS devices) or Google Play (for Android devices).
3. **Follow In-App Instructions:** Launch the Deco app and follow the step-by-step instructions to configure your Deco system. The app will guide you through setting up your main Deco unit and adding additional units to expand your Wi-Fi coverage.



Image: Visual guide for Deco M4 installation, showing connecting to modem, downloading the app, and following in-app setup.

4. Operating the Deco M4 System

4.1 Seamless Whole Home Wi-Fi

The Deco M4 system creates a unified mesh network, ensuring seamless Wi-Fi coverage across your entire home. This eliminates dead zones and allows you to move freely without losing connection. The system can keep over 100 devices connected simultaneously.

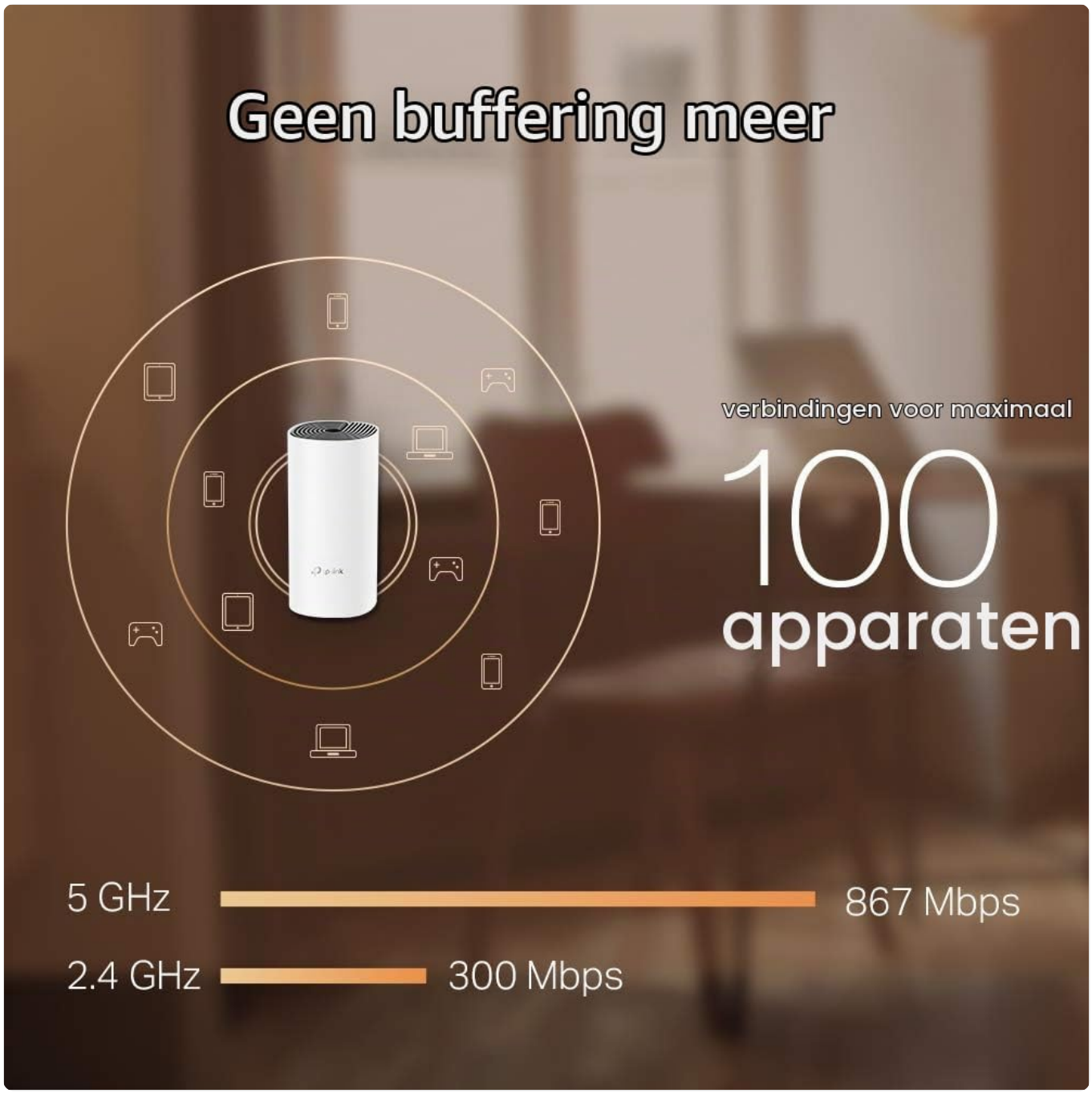


Image: Illustration showing a single Deco unit connecting to multiple devices, indicating support for up to 100 devices with 5 GHz (867 Mbps) and 2.4 GHz (300 Mbps) speeds.



Image: A house diagram illustrating Wi-Fi coverage from multiple Deco units, highlighting 2.4 GHz and 5 GHz wireless connections, and optional Ethernet backhaul, covering up to 4,000 sq ft / 370 m².

4.2 Parental Controls

Utilize the parental control features within the Deco app to manage and restrict online time, as well as block inappropriate websites. You can create unique profiles for each family member, tailoring internet access to their specific needs.

4.3 Amazon Alexa Compatibility

The Deco M4 system is compatible with Amazon Echo/Alexa. You can control your home network using voice commands, adding convenience and enhancing your smart home experience.



Image: Three Deco units in a living room setting, with text indicating compatibility with Amazon Alexa and IFTTT, and an example voice command: "Alexa, ask TP-Link to perform a speed test."

4.4 TP-Link Mesh Technology

TP-Link Mesh Wi-Fi Technology intelligently selects the fastest path for device connections, ensuring your network operates at peak performance. All Deco models can work together to form a unified network, allowing you to expand coverage by adding more Deco units as needed.

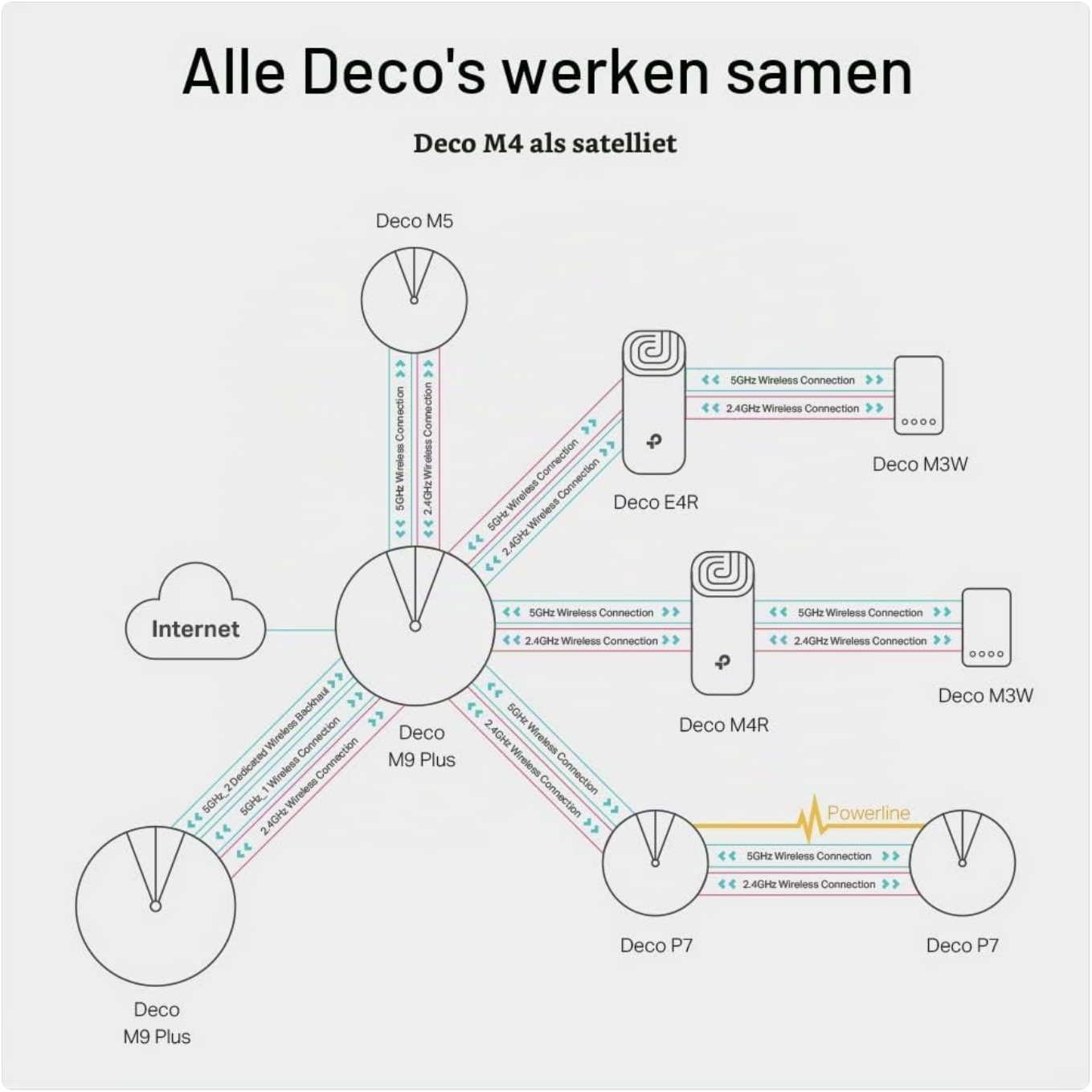


Image: A network diagram showing various Deco models (M5, E4R, M4R, M3W, M9 Plus, P7) interconnected, demonstrating how Deco M4 can act as a satellite unit within a larger mesh network, utilizing 2.4 GHz, 5 GHz, and Powerline connections.

4.5 Deco App Features

The TP-Link Deco app provides a reliable interface for managing your mesh network. It allows for easy setup, parental controls, and integration with smart home devices.

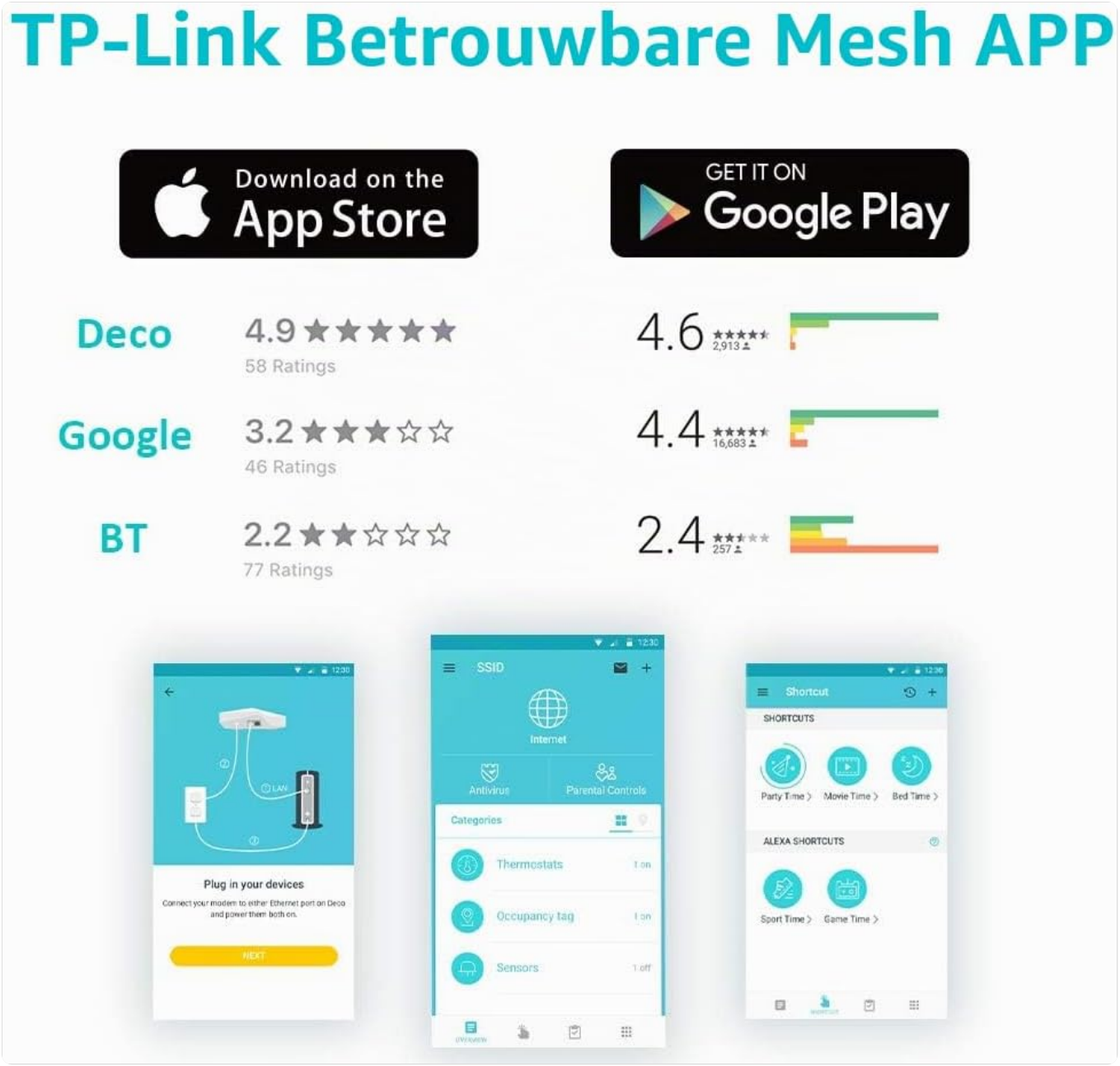


Image: Screenshots of the TP-Link Deco app interface, showing options for device connection, parental controls, thermostats, occupancy tags, sensors, and Alexa shortcuts for various activities.

5. Maintenance

To ensure optimal performance and longevity of your TP-Link Deco M4 system, consider the following maintenance tips:

- **Firmware Updates:** Regularly check for and install firmware updates through the Deco app. Updates often include performance improvements, security patches, and new features.
- **Placement:** Ensure Deco units are placed in open areas, away from obstructions like large metal objects, thick walls, or other electronic devices that could cause interference.
- **Cleaning:** Keep the Deco units clean and free from dust accumulation, which can affect ventilation and performance. Use a soft, dry cloth for cleaning.
- **Restarting:** Periodically restarting your Deco system (unplugging and replugging the power adapters) can help resolve minor network issues and refresh performance.

6. Troubleshooting

If you encounter issues with your Deco M4 system, consider the following:

- **Weak Signal/Dead Zones:** For the best wireless experience, ensure Deco units are not more than 50 feet apart from at least one other Deco unit. This distance may vary based on your home's structure.
- **Wired Connections:** If your home is wired with Ethernet, consider hardwiring your Deco units using Ethernet backhaul for improved stability and speed.
- **Modem Interference:** If using Deco to replace your Wi-Fi router, it is recommended to disable the Wi-Fi function on your existing modem to avoid multiple access points causing interference.
- **Device Compatibility:** Ensure your client devices, WLAN card drivers, and software are up-to-date to work optimally with the Deco system.
- **No Internet Connection:** Check the connection between your main Deco unit and the modem. Ensure all cables are securely plugged in and the modem is functioning correctly.
- **Deco App Issues:** If the app is not functioning as expected, try restarting the app or reinstalling it. Ensure your mobile device's operating system is up-to-date.

7. Specifications

Feature	Detail
Product Dimensions	9.07 x 9.07 x 19 cm; 1.3 kg
Model Number	Deco M4 (3-Pack)
Brand	TP-Link
Model Name	Deco M4
Special Features	Parental Controls, Compatible with Alexa
Frequency Band Class	Dual-Band (2.4 GHz, 5 GHz)
Wireless Communication Standard	802.11a, 802.11ac, 802.11b, 802.11g, 802.11n
Compatible Devices	Mobile devices, PC, Game console, Streaming devices, Wi-Fi or Ethernet electronics
Recommended Use	Home
Connectivity Technology	Ethernet, 802.11ac
Color	White
Antenna Type	Internal
Operating System	TP-Link OS
Security Protocol	WPS
Number of Ports	2 (Gigabit Ethernet WAN/LAN auto-sensing) per Deco unit
Control Method	App
Data Transmission Speed	1167 Mbps (AC1200)

LAN Port Bandwidth	1000 Mbps
Router Firewall Security Level	Basic
Wi-Fi Generation	Wi-Fi 5
Internet Connectivity	Yes
Network Type	Hybrid
Connectivity Range	Up to 4000 Square Feet
Modem Compatibility	Yes

8. Warranty and Support

The TP-Link Deco M4 Whole Home Mesh Wi-Fi System comes with a**3-year manufacturer's warranty**.



Image: Product packaging for the TP-Link Deco M4, highlighting a 3-year warranty and compatibility with all broadband providers.

For comprehensive product support and contact information, please visit the official TP-Link website. TP-Link offers full

product support to its customers without additional charges.

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