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› TP-Link Deco BE25 WiFi 7 Mesh Wi-Fi System Instruction Manual

## TP-Link Deco BE25(3-Pack)

# TP-Link Deco BE25 WiFi 7 Mesh Wi-Fi System Instruction Manual

Model: Deco BE25(3-Pack) | Brand: TP-Link

## INTRODUCTION

Future-proof your home with the Deco BE25, a 3-pack Wi-Fi 7 BE5000 mesh system that delivers fast, reliable coverage throughout your entire home—up to 6,600 sq. ft. With cutting-edge Wi-Fi 7 Multi-Link Operation (MLO) technology, 240 MHz channels, 4K-QAM, and support for over 150 connected devices, the Deco BE25 provides exceptional dual-band Wi-Fi speeds of up to 5Gbps. This means you can enjoy seamless streaming, lag-free gaming, and smooth connections for all your smart home devices. Experience warp-speed connectivity with two ultra-fast 2.5 Gbps WAN/LAN ports in each Deco unit. AI-Roaming adapts to your needs using advanced algorithms, ensuring seamless connections even in hard-to-reach corners of your home. Upgrade to the Deco BE25 and embrace the future of Wi-Fi!

## WHAT'S IN THE BOX

The TP-Link Deco BE25(3-Pack) includes the following components:

- 3 Deco BE25 units
- 1 RJ45 Ethernet cable
- 3 Power adapters
- Quick Installation Guide



Image: The three Deco BE25 units included in the package, showcasing their design and connectivity ports.

## SETUP GUIDE

Setting up your TP-Link Deco BE25 Mesh Wi-Fi System is designed to be straightforward. Follow these general steps for installation:

1. **Download the Deco App:** Search for the "TP-Link Deco" app on your mobile device's app store (iOS or Android) and install it.
2. **Prepare Your Modem:** Disconnect your existing router (if any) and power off your modem.
3. **Connect the Main Deco Unit:** Connect one of the Deco units to your modem using the provided Ethernet cable. Power on both the modem and the Deco unit.
4. **Follow In-App Instructions:** Open the Deco app and sign in or create a TP-Link ID. The app will guide you through the process of setting up your main Deco unit and creating your Wi-Fi network name and password.
5. **Add Additional Deco Units:** Once the main unit is set up, the app will prompt you to add the remaining Deco units. Place them strategically around your home to maximize coverage. The app will confirm successful connection.
6. **Connect Your Devices:** After all Deco units are online, connect your devices (smartphones, tablets, computers, smart TVs, gaming consoles) to your new Deco Wi-Fi network.

# Great for Gig+ Internet.

Create a multi-gig pipeline from the internet to your devices.

**2× 2.5 Gigabit**

WAN/ LAN Ports



Image: Illustration of a Deco unit connecting to the internet and providing multi-gigabit connectivity to various devices.

## OPERATING YOUR DECO SYSTEM

The TP-Link Deco app serves as the central control for your mesh Wi-Fi system, allowing for easy management and optimization.

- **Network Management:** View connected devices, monitor network status, and manage bandwidth allocation directly from the app.
- **AI-Roaming:** The system intelligently adapts to your movement within the home, ensuring seamless transitions between Deco units for optimal signal strength and speed.
- **Guest Network:** Easily create a separate Wi-Fi network for guests, keeping your main network secure.
- **Parental Controls:** Utilize basic parental controls to manage internet access for family members. Advanced features are available with HomeShield Pro.
- **Voice Control:** Control your Deco BE25 using voice commands with Amazon Alexa or Google Assistant-

enabled devices.

- **VPN Support:** The system supports VPN clients and servers, allowing home devices to access remote VPN servers without individual software installation, and enabling simultaneous VPN and regular internet connections.

# Deco Mesh Made for You.



## Stay Connected

Move freely throughout your home without losing Wi-Fi - no dead zones or buffering.



## Ai Smart Roaming

Intelligent algorithm improves your network for the best performance and connection.



## Supports 150+ Devices

Deco Wi-Fi 7 can handle more devices at a faster pace than traditional routers and extenders.



Image: The Deco app interface, demonstrating various control and monitoring features.

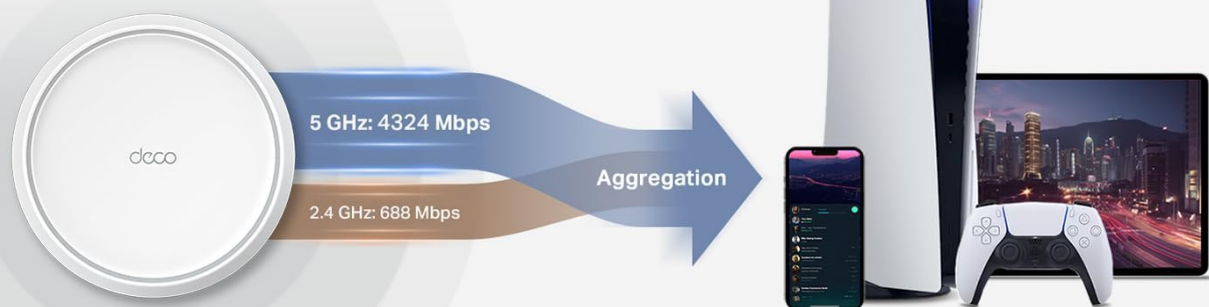
## KEY FEATURES

- **Supercharged Dual-Band Wi-Fi 7:** Achieves speeds up to 4324 Mbps on the 5GHz band and 688 Mbps on the 2.4GHz band with 4 streams. Features Multi-Link Operation (MLO), 4K-QAM, and Multi-RUs for enhanced performance, especially for Wi-Fi 7 devices.
- **Strong Mesh Coverage & Device Capacity:** Provides seamless Wi-Fi coverage up to 6,600 sq. ft. and supports over 150 devices without performance degradation, thanks to 4 high-gain antennas and 4 high-power FEMs.

- **2x 2.5G WAN/LAN Ports:** Each Deco unit is equipped with two 2.5 Gbps WAN/LAN ports, offering high-speed wired connectivity for devices and multi-gig internet services. Supports simultaneous wireless and wired backhaul for stable connections.
- **Cybersecurity Commitment:** TP-Link adheres to the U.S. Cybersecurity and Infrastructure Security Agency's (CISA) Secure-by-Design pledge, ensuring advanced security is a core requirement in device design.
- **AI-Driven Seamless Roaming:** Creates a unified network with a single name, using AI-Roaming technology to adapt and optimize speeds as you move throughout your home.
- **TP-Link HomeShield:** A premium security service offering network and IoT protection. Includes free features like Basic Network Security (Security Scan, IoT Device Identification), Basic Parental Controls, Quality of Service, and Basic Weekly/Monthly Reports.
- **Extensive Compatibility:** TP-Link Deco products are designed to work together to form a mesh Wi-Fi network. They are backward compatible with all Wi-Fi generations and function with any internet service provider (modem required).

# Future-Proof With Wi-Fi 7.

Enjoy benefits that you've never seen before in networking.



## Multi-Link Operation (MLO)



**4.5× Faster Speed**  
than WiFi 6E REs\*



**Increased Bandwidth**  
With 240MHz Wide Channels



**Greater Network Capacity**  
Connects More Devices

Image: Overview of the Deco BE25's advanced Wi-Fi 7 capabilities and coverage.

## MAINTENANCE

To ensure optimal performance and longevity of your TP-Link Deco BE25 system, consider the following maintenance practices:

- **Regular Firmware Updates:** Check the Deco app periodically for available firmware updates. Updates often include performance improvements, security patches, and new features.
- **Optimal Placement:** Ensure Deco units are placed in open areas, away from large metal objects, thick walls, and other electronic devices that may cause interference.
- **Keep Units Clean:** Gently wipe the exterior of the Deco units with a soft, dry cloth to prevent dust buildup, which can affect performance.
- **Restart Periodically:** Occasionally restarting your Deco units (e.g., once a month) can help clear temporary issues and refresh network performance. This can often be scheduled via the Deco app.
- **Monitor Network Health:** Use the Deco app's network management tools to monitor network health and identify any potential issues early.

## TROUBLESHOOTING

If you encounter issues with your TP-Link Deco BE25 system, try the following common troubleshooting steps:

- **No Internet Connection:**
  - Check if your modem is working correctly.
  - Ensure the Ethernet cable between the main Deco unit and the modem is securely connected.
  - Restart your modem and the main Deco unit.
- **Weak Wi-Fi Signal or Dead Zones:**
  - Relocate Deco units to optimize coverage, ensuring they are within range of each other.
  - Avoid placing units near large obstructions or interference sources (e.g., microwaves, cordless phones).
  - Use the Deco app's network optimization feature.
- **Devices Not Connecting:**
  - Verify the Wi-Fi password.
  - Restart the problematic device.
  - Ensure the Deco unit is powered on and its LED indicator is green.
- **Slow Speeds:**
  - Run a speed test through the Deco app to confirm network speed.
  - Check for any background downloads or high-bandwidth activities on connected devices.
  - Ensure your internet service plan supports the desired speeds.
- **Deco Unit LED is Red:**
  - A red LED indicates a problem. Check the internet connection to the main Deco unit or the connection between Deco units.
  - Refer to the Deco app for specific error messages and solutions.

## SPECIFICATIONS

Feature	Detail
Product Dimensions	5.91 x 5.91 x 2.44 inches
Item Weight	3.28 pounds
Model Number	Deco BE25(3-Pack)
Brand	TP-Link
Frequency Band Class	Dual-Band
Wireless Communication Standard	802.11.be, 802.11ac, 802.11ax, 802.11g, 802.11n
Compatible Devices	Gaming Console, Personal Computer, Smart Television, Smartphone, Tablet
Connectivity Technology	Ethernet, Wi-Fi
Coverage Area	Up to 6,600 sq. ft. (3-pack)
Max Connected Devices	Over 150 devices
WAN/LAN Ports	2x 2.5 Gbps ports per unit
Special Features	Alexa Compatible, Guest Mode, Internet Security, Parental Control, Remote Access, AI-Roaming, MLO, 4K-QAM

## WARRANTY AND SUPPORT

TP-Link products typically come with a limited warranty. For specific warranty details, including duration and coverage, please refer to the official TP-Link website or the warranty card included with your product.

For technical support, product registration, and additional resources, please visit the official TP-Link support website. You can also find FAQs, troubleshooting guides, and contact information for customer service there.

Note on HomeShield: HomeShield includes a Free Basic Plan. Fees apply for the Pro Plan. Visit [tp-link.com/homeshield](https://www.tp-link.com/homeshield) for more information. Some features are under development and will be supported with subsequent software updates.

For legal disclaimers regarding performance metrics, please refer to the "Important Information" section of the product listing or the full user manual.

