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## TP-Link Deco BE65 Pro

# TP-Link Deco BE65 Pro WiFi 7 Mesh System (3-Pack) User Manual

Model: Deco BE65 Pro

## 1. INTRODUCTION

The TP-Link Deco BE65 Pro WiFi 7 Mesh System is designed to provide a seamless, high-speed wireless network throughout your home. This 3-pack system utilizes cutting-edge WiFi 7 technology, offering tri-band BE9300Mbps speeds, Multi-Link Operation (MLO), and advanced security features like WPA3. With multiple 5Gbps and 2.5Gbps ports, it ensures robust wired and wireless connectivity for all your devices. This manual will guide you through the setup, operation, maintenance, and troubleshooting of your Deco BE65 Pro system.



Figure 1: A single TP-Link Deco BE65 Pro unit in a home environment.

## 2. WHAT'S IN THE BOX

Your TP-Link Deco BE65 Pro (3-Pack) package should contain the following items:

- 3 x Deco BE65 Pro Units
- 3 x Power Adapters
- 1 x Ethernet Cable
- 1 x Quick Installation Guide



Figure 2: The product packaging, indicating the contents and model information.

### 3. PRODUCT OVERVIEW

The Deco BE65 Pro units are designed for optimal performance and ease of use. Each unit features multiple high-speed ports and advanced wireless capabilities to create a robust mesh network.

#### Key Features:

- **WiFi 7 Standard:** Experience the latest generation of Wi-Fi with enhanced speed, lower latency, and increased capacity.
- **Tri-Band BE9300Mbps:** Delivers combined speeds of up to 9300 Mbps across 6 GHz, 5 GHz, and 2.4 GHz bands.
- **Multi-Link Operation (MLO):** Simultaneously send and receive data across different bands and channels to boost throughput, reduce latency, and improve reliability.
- **High-Speed Ports:** Each unit includes two 5Gbps ports and one 2.5Gbps port for ultra-fast wired connections.
- **Seamless Roaming:** Move freely throughout your home with a single Wi-Fi name and uninterrupted connectivity.
- **TP-Link HomeShield:** Provides comprehensive network protection, robust parental controls, and real-time IoT security.
- **WPA3 Security:** Enhanced security protocol for a safer network.
- **Broad Compatibility:** Backward compatible with all Wi-Fi generations and works with any Internet Service Provider (ISP) and modem.



Figure 3: Overview of the Deco BE65 Pro's key WiFi 7 features.

## Ports and Indicators:

Each Deco BE65 Pro unit is equipped with the following ports and indicators:

- **LED Indicator:** Located on the top of the unit, it displays the Deco's status (e.g., solid white for connected, pulsing blue for setup mode, solid red for no internet).
- **WAN/LAN Ports:** Two 5Gbps ports and one 2.5Gbps port. These ports automatically detect WAN or LAN connections.
- **USB Port:** For connecting external storage devices.
- **Power Port:** For connecting the power adapter.
- **Reset Button:** A small button usually located at the bottom or back, used to reset the unit to factory settings.



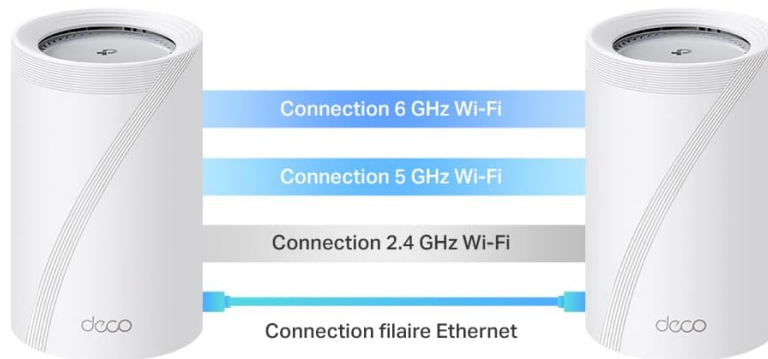
Figure 4: Detailed view of the high-speed WAN/LAN and USB ports on a Deco BE65 Pro unit.

## Backhaul Solution:

The Deco BE65 Pro system utilizes a robust backhaul solution, combining both wired Ethernet and multiple Wi-Fi

bands (6 GHz, 5 GHz, 2.4 GHz) to ensure stable and high-speed communication between Deco units. This multi-gigabit mesh backhaul enhances overall network performance and reliability.

## La solution Backhaul ultime : robustesse et flexibilité inégalées



### Backhaul combiné filaire & sans fil

Figure 5: Illustration of the combined wired and wireless backhaul connections between Deco units.

## 4. SETUP INSTRUCTIONS

Setting up your TP-Link Deco BE65 Pro Mesh System is a straightforward process using the Deco app. Follow these general steps:

1. **Download the Deco App:** Search for "TP-Link Deco" in the App Store (iOS) or Google Play Store (Android) and install the app.
2. **Prepare Your Modem:** Power off your modem and remove its battery (if applicable).
3. **Connect the Main Deco Unit:**
  - Connect one Deco unit to your modem using the provided Ethernet cable. Use any of the WAN/LAN ports on the Deco.
  - Power on your modem.
  - Plug in the main Deco unit and wait for its LED to pulse blue.
4. **Set Up via App:** Open the Deco app, log in or sign up for a TP-Link ID, and follow the on-screen instructions to set up your main Deco unit.
5. **Add Additional Deco Units:** Once the main Deco is set up, the app will guide you to add the remaining Deco units. Place them strategically to ensure optimal coverage. Plug in each additional Deco unit and wait for its LED to pulse blue, then follow the app's instructions to add it to your mesh network.

For detailed, step-by-step instructions, refer to the Quick Installation Guide included in your package or the in-app setup wizard.

## 5. OPERATING INSTRUCTIONS

The TP-Link Deco app is your central hub for managing your mesh Wi-Fi network. After successful setup, you can use the app to control various aspects of your network.

### Network Management via Deco App:

- **Dashboard:** View connected devices, network status, and real-time speed.
- **Parental Controls:** Set up profiles for family members, filter content, set time limits, and pause internet access.
- **Quality of Service (QoS):** Prioritize devices or activities (e.g., gaming, streaming) to ensure optimal performance.
- **Guest Network:** Create a separate Wi-Fi network for guests, keeping your main network secure.
- **Antivirus & IoT Security:** Utilize TP-Link HomeShield features for network protection against malicious threats and to secure your smart home devices.
- **Wi-Fi Settings:** Change your Wi-Fi name (SSID) and password, enable/disable specific bands, and configure advanced settings.
- **Seamless Roaming:** The Deco system automatically connects your devices to the strongest Wi-Fi signal as you move around your home, ensuring a smooth and uninterrupted experience.

## 6. MAINTENANCE

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Regular maintenance helps ensure the optimal performance and longevity of your Deco BE65 Pro system.

- **Firmware Updates:** The Deco app will notify you of available firmware updates. It is highly recommended to keep your Deco units updated to benefit from the latest features, security enhancements, and performance improvements. Updates can typically be performed directly through the app.
- **Cleaning:** Gently wipe the exterior of the Deco units with a soft, dry cloth. Do not use liquid cleaners or abrasive materials. Ensure the units are unplugged before cleaning.
- **Optimal Placement:** For best performance, ensure your Deco units are placed in open areas, away from obstructions like large metal objects, thick walls, and other electronic devices that may cause interference. Maintain a clear line of sight between units where possible.
- **Rebooting:** Occasionally, rebooting your Deco units and modem can resolve minor network issues and improve performance. This can be done via the Deco app or by unplugging and replugging the power adapters.

## 7. TROUBLESHOOTING

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If you encounter issues with your Deco BE65 Pro system, try the following troubleshooting steps:

- **No Internet Connection:**
  - Check if your modem is working correctly.
  - Ensure the Ethernet cable between the main Deco and the modem is securely connected.
  - Reboot your modem and the main Deco unit.
  - Check the Deco app for diagnostic tools or error messages.
- **Slow Wi-Fi Speed:**
  - Ensure your Deco units are optimally placed and not too far apart.
  - Check for interference from other electronic devices.
  - Verify your internet plan speed with your ISP.
  - Use the Deco app to run a network optimization or speed test.
- **Deco Unit Not Connecting:**
  - Ensure the unit is powered on and its LED is pulsing blue for setup.
  - Try moving the unit closer to an existing Deco unit.

- Perform a factory reset on the problematic Deco unit (refer to the Reset Button section in Product Overview) and try adding it again via the app.

- **App Issues:**

- Ensure your Deco app is updated to the latest version.
- Try restarting the app or your mobile device.

If these steps do not resolve your issue, please contact TP-Link support for further assistance.

## 8. SPECIFICATIONS

Below are the technical specifications for the TP-Link Deco BE65 Pro Mesh System:



Figure 6: Illustration of the ultra-fast tri-band Wi-Fi speeds.

Feature	Specification
Brand	TP-Link
Model Name	Deco BE65 Pro
Wi-Fi Generation	WiFi 7
Wireless Communication Standard	802.11be
Frequency Band Class	Tri-Band (6 GHz, 5 GHz, 2.4 GHz)
Data Transfer Rate	Up to 9300 Mbps (BE9300)
LAN Port Bandwidth	2 x 5000 Mbps, 1 x 2500 Mbps
Number of Ports	3 (WAN/LAN auto-sensing)
Security Protocol	WPA3, WPA2-PSK, WPA-PSK
Control Method	Application (TP-Link Deco App)
Compatible Devices	Surveillance Camera, Personal Computer, Smartphone, Tablet
Recommended Uses	Home
Antenna Type	Fixed (4 antennas per unit)
Operating System	TP-Link Archer OS
Smart Home Compatibility	Compatible with smart home devices
Router Firewall Security Level	High
Modem Compatible	Yes
Coverage	Large (with 3 units)
Item Weight	3.51 Kilograms (total for 3 units)
Item Dimensions L x W x H	24.1L x 36W x 11.9H centimeters
Security Updates Received	Yes

## 9. WARRANTY AND SUPPORT

### Warranty Information:

The TP-Link Deco BE65 Pro Mesh System comes with a **2-year warranty**. Please retain your proof of purchase for warranty claims.

### Technical Support:

For technical support, product registration, and further information, please visit the official TP-Link website or contact their customer support. You can usually find support resources, FAQs, and contact details on the TP-Link support page for your region.

The TP-Link Deco app also provides in-app support options and access to helpful resources.

