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› TP-Link Deco BE63 Wi-Fi 7 Mesh System User Manual

TP-Link Deco BE63(3-Pack)

TP-Link Deco BE63 Wi-Fi 7 Mesh System User Manual

Model: Deco BE63 (3-Pack)

INTRODUCTION

The TP-Link Deco BE63 Tri-Band Wi-Fi 7 BE10000 Whole Home Mesh System is designed to provide seamless, high-speed wireless connectivity throughout your home. This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your Deco BE63 system.

SETUP

Follow these steps to set up your TP-Link Deco BE63 Mesh System.

What's in the Box

- 3 Deco BE63 units
- 1 RJ45 Ethernet cable
- 3 Power adapters
- Quick Installation Guide



Contents of the TP-Link Deco BE63 (3-Pack) box, including the three mesh units, Ethernet cable, power adapters, and quick start guide.

Initial Setup

1. Download the TP-Link Deco app from your mobile app store (available for Android and iOS).
2. Power off your modem and remove any backup battery if it has one. Disconnect your old router from the modem.
3. Connect one Deco BE63 unit to your modem using the provided Ethernet cable. Plug the Deco unit into a power outlet.

Connecting the main Deco unit to power and your modem. The Deco app guides you through the process.

4. Open the Deco app and follow the on-screen instructions to set up your main Deco unit and create your Wi-Fi network. The app will guide you through connecting to the Deco's temporary Wi-Fi network and configuring your internet connection type (Dynamic IP is common).
5. Once the main unit is set up, the app will prompt you to add additional Deco units. Place these units in areas needing Wi-Fi extension and power them on. They will automatically be added to the network.

OPERATING YOUR MESH SYSTEM

The TP-Link Deco BE63 system is designed for optimal performance with minimal user intervention. Here are some key operational aspects:

Wi-Fi 7 Capabilities

The Deco BE63 leverages cutting-edge Wi-Fi 7 technology to deliver unprecedented speeds and efficiency:

- **Multi-Link Operation (MLO):** Combines Wi-Fi bands for higher throughput, lower latency, and improved reliability. This allows devices to simultaneously send and receive data across different frequency bands (2.4GHz, 5GHz, and 6GHz).
- **320 MHz Channels:** Doubles data capacity on the 6GHz band, boosting bandwidth for superior performance.
- **4K-QAM:** Increases data density, improving speed and efficiency for enhanced performance.
- **Multi-RUs:** Distributes data traffic across multiple channels, ensuring all devices experience maximum speed and reduced lag.

Ultimate Speed & Reliability

Dynamic Backhaul boosts speed and reliability with WiFi 7 across all bands for all devices.



Dynamic Backhaul boosts speed and reliability with Wi-Fi 7 across all bands for all devices.

Wired Connectivity

Each Deco BE63 unit features four 2.5G WAN/LAN ports and one USB 3.0 port. These multi-gigabit ports allow for blazing-fast wired connections to devices like gaming PCs, NAS drives, and media servers, creating a seamless multi-gig pipeline from the internet to your devices.

Connect at Multi-Gig Speeds

Ideal for Gig+ internet. Create a multi-gig pipeline from the internet to your devices.



Connect at Multi-Gig Speeds: Ideal for Gig+ internet, creating a multi-gig pipeline from the internet to your devices.

AI-Driven Seamless Roaming

The Deco Mesh creates a unified network with a single network name. Using AI-Roaming technology, the system adapts through advanced algorithms and self-learning as you move throughout your home, ensuring seamless streaming and optimal speeds without manual switching between units.

Voice Control

Control your Deco BE63 system using voice commands with Amazon Alexa or Google Assistant-enabled devices. For example, you can pause Wi-Fi for specific devices or check network status.



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MAINTENANCE

Regular maintenance ensures optimal performance and security for your Deco BE63 system.

Firmware Updates

Keep your Deco system up-to-date by enabling automatic firmware updates through the Deco app. Updates provide the latest features, performance improvements, and security patches. The system will automatically restart after an update, causing a temporary loss of internet connection.

HomeShield Security

TP-Link HomeShield provides comprehensive network protection, robust parental controls, and real-time IoT security. Key features include:

- Router Security Scan
- IoT Protection
- Wireless Security Scan
- Web Protection
- IoT Device Identification
- Intrusion Prevention
- Basic Parental Controls
- Antivirus Protection



Smart Security for Smart Living



HomeShield: Smart Security for Smart Living.

TROUBLESHOOTING

If you encounter issues with your Deco BE63 system, refer to the common problems and solutions below.

Common Issues and Solutions

- **No Internet Connection:** Ensure your modem is powered on and connected correctly to the main Deco unit. Check the Deco app for status indicators.
- **Slow Speeds:** Verify your internet plan speed. Use the Deco app to run a speed test. Ensure devices are connected to the optimal band (6GHz for Wi-Fi 7 compatible devices). Consider wired backhaul for improved performance.
- **Device Connectivity Issues:** Ensure your devices are within the mesh network's coverage area. Restart

the problematic device and the Deco unit.

- **Deco Unit Not Responding:** Perform a soft reboot via the Deco app. If unresponsive, use the reset button on the bottom of the unit (requires a paperclip or similar pointed object).

Resetting Your Deco Unit

To reset a Deco unit to factory settings, locate the reset button on the bottom of the unit. Use a paperclip or similar pointed object to press and hold the reset button for approximately 1 second until the LED pulses red. The unit will then reboot.

WiFi Like Never Before

Unprecedented speeds, smoother connections and capacity for more devices.

Wi-Fi 7

10 Gbps

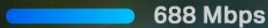
6 GHz



5 GHz



2.4 GHz



11520 Mbps

4x

FASTER WIFI*

4x

LOWER
LATENCY*

200+

DEVICE
CAPACITY

The reset button is located on the bottom of each Deco unit.

Feature	Detail
Product Dimensions	4.23 x 4.23 x 6.93 inches
Item Weight	4.98 pounds
Item Model Number	Deco BE63(3-Pack)
Special Feature	QoS, Access Point Mode, Guest Mode, WPS, Remote Access
Frequency Band Class	Tri-Band (6GHz, 5GHz, 2.4GHz)
Wireless Communication Standard	802.11n, 802.11ax, 802.11ac, 802.11g, 802.11.be (Wi-Fi 7)
Compatible Devices	Smartphone, various Wi-Fi enabled devices
Recommended Uses	Gaming, Home, 4K/8K Streaming
Ports	Four 2.5G WAN/LAN ports, One USB 3.0 port per unit
Coverage	Up to 7,600 sq. ft. (3-pack)
Device Capacity	Supports over 200 devices
Advanced Wi-Fi 7 Features	Multi-Link Operation (MLO), Multi-RUs, 4K-QAM, 320 MHz channels

WARRANTY AND SUPPORT

TP-Link is committed to providing excellent customer support for your Deco BE63 system.

- **Free Expert Support:** Call 866-853-4942 for free support to setup, optimize, and secure your TPLink router.
- **TP-Link HomeShield:** Premium network security service with robust parental controls and real-time IoT security.