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› TP-Link Deco BE63 WiFi 7 Mesh System User Manual

TP-Link Deco BE63(1-Pack)

TP-Link Deco BE63 WiFi 7 Mesh System User Manual

Model: Deco BE63(1-Pack) | Brand: TP-Link

INTRODUCTION

The TP-Link Deco BE63 Tri-Band WiFi 7 BE10000 Whole Home Mesh System is designed to provide a seamless and ultra-fast Wi-Fi experience throughout your home. This manual will guide you through the setup, operation, maintenance, and troubleshooting of your new mesh system, ensuring optimal performance and security for all your connected devices.

SETUP

What's in the Box

- 1 Deco BE63 unit
- 1 RJ45 Ethernet cable
- 1 Power adapter
- Quick Installation Guide

Initial Connection

Before you begin, ensure your modem is powered off. Connect one Deco BE63 unit to your modem's LAN port using the provided Ethernet cable. Plug in the power adapter to the Deco unit and an electrical outlet. Wait for the unit to power on and its LED indicator to show a stable status (typically solid white or green).

Easy Setup with Deco App

Get up & running in minutes with the Deco app.
Easily manage your network from your phone.



Connect the Deco unit and prepare for app setup.

App-Guided Setup

The TP-Link Deco app simplifies the setup process. Download the free Deco App from your device's app store (available for Android and iOS).

1. Open the Deco App and follow the on-screen prompts to create a TP-Link ID or log in.
2. Select your Deco model (BE63) from the list.
3. The app will guide you through connecting your Deco unit and detecting your internet connection type.
4. Create your main Wi-Fi network name (SSID) and password.
5. Once the main unit is set up, the app will automatically detect and add additional Deco units (if you have more than one) when they are plugged in.

Key Features

- **Supercharged BE10000 Tri-Band Wi-Fi 7 Speeds:** Features cutting-edge Wi-Fi 7 technology, including Multi-Link Operation, Multi-RUs, 4K-QAM, and 320 MHz channels. Delivers speeds of 5188 Mbps on 6GHz, 4324 Mbps on 5GHz, and 574 Mbps on 2.4GHz.
- **Fast Mesh Coverage & Device Capacity:** The mesh router covers up to a vast 3,000 sq.ft. and supports over 200 devices without compromising performance, ensuring seamless connectivity.
- **Full 2.5G WAN/LAN Ports:** Includes four 2.5G WAN/LAN ports and a USB 3.0 port, making it an ideal choice for future-proofing your home network.
- **Dual Wireless & Wired Backhaul:** Leverages TP-Link's self-developed technology to support simultaneous wireless and wired backhaul. Maximizes Wi-Fi 7 benefits for faster speeds and broader coverage.
- **AI-Driven Seamless Roaming:** The Deco Mesh creates a unified network with a single network name. Uses AI-Roaming technology for seamless streaming and optimal speeds, adapting through advanced algorithms and self-learning as you move throughout your home.
- **TP-Link HomeShield:** Protect your home network with TP-Link's premium security service. Free features include network security scans, IoT device identification, parental controls, quality of service, and reports.
- **VPN Client & Server Support:** Enables home devices to access remote VPN servers without installing VPN software on each device. Supports simultaneous VPN and regular internet connections for enhanced security and flexibility.
- **Voice Control:** Control Deco BE63 using voice commands with Amazon Alexa or Google Assistant-enabled devices.

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

Experience unprecedented speeds with Wi-Fi 7.

Network Management

The Deco App provides comprehensive control over your network:

- **Dashboard:** View connected clients, internet speed, and network health.
- **Wi-Fi Settings:** Manage your main Wi-Fi network, guest network, and dedicated IoT network.
- **Parental Controls:** Set time limits, block websites, filter content, and create distinct profiles for family members.
- **Quality of Service (QoS):** Prioritize devices or activities to ensure critical applications receive sufficient bandwidth.
- **Device Isolation:** Isolate specific devices to prevent them from communicating with other devices on your local network, enhancing security.

MAINTENANCE

To ensure the longevity and optimal performance of your TP-Link Deco BE63 system, consider the following maintenance tips:

- **Firmware Updates:** Regularly check for and install firmware updates via the Deco app. Updates often include performance improvements, security patches, and new features.
- **Regular Reboots:** Periodically reboot your Deco units (e.g., once a month) to clear temporary data and refresh network connections.
- **Physical Cleaning:** Keep the Deco units free from dust and obstructions. Use a soft, dry cloth to clean the exterior. Ensure ventilation holes are clear.
- **Optimal Placement:** Ensure units are placed in open areas, away from large metal objects, thick walls, and interference sources (like microwaves or cordless phones) to maintain strong signal strength.

TROUBLESHOOTING

If you encounter issues with your Deco BE63 system, try the following steps:

- **No Internet Connection:** Check the Ethernet cable connection between your modem and the main Deco unit. Verify that your modem is working correctly. Try restarting both the modem and the Deco unit.
- **Weak Wi-Fi Signal:** Ensure Deco units are optimally placed, avoiding obstacles. Consider adding more Deco units for larger homes or areas with dead zones.
- **Device Disconnections:** Check for firmware updates. Ensure the device is within range of a Deco unit. If using the IoT network, ensure the device is compatible with 2.4GHz Wi-Fi.
- **App Issues:** Ensure your Deco app is updated to the latest version. Try force-closing and reopening the app, or reinstalling it if problems persist.
- **Factory Reset:** As a last resort, you can perform a factory reset on a Deco unit. Refer to the Quick Installation Guide for instructions on how to do this. Note that a factory reset will erase all custom settings.

SPECIFICATIONS

Feature	Detail
Product Dimensions	4.23 x 4.23 x 6.93 inches
Item Weight	1.66 pounds
Item Model Number	Deco BE63(1-Pack)
Frequency Band Class	Tri-Band (2.4GHz, 5GHz, 6GHz)
Wireless Communication Standard	802.11n, 802.11ax, 802.11ac, 802.11g, 802.11.be (Wi-Fi 7)

Ports	4x 2.5G WAN/LAN Ports, 1x USB 3.0 Port
Max Coverage	Up to 3,000 sq. ft. (1-Pack)
Device Capacity	Supports over 200 devices
Special Features	QoS, Guest Mode, Access Point Mode, WPS, Remote Access, HomeShield, VPN Client/Server

WARRANTY AND SUPPORT

TP-Link products typically come with a limited warranty. Please refer to the warranty card included in your product packaging or visit the official TP-Link website for detailed warranty information specific to your region and product model. For free expert support regarding setup, optimization, and security of your TP-Link router, you can call **866-853-4942**.



Free expert help
Setup, optimize, & secure

 **866-853-4942**

Free expert support is available for your TP-Link Deco system.

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