

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

[manuals.plus](#) /

- › [TP-Link](#) /
- › [TP-Link Deco AX3000 WiFi 6 Mesh System \(Deco X55, 2-Pack\) Instruction Manual](#)

TP-Link Deco X55

TP-Link Deco AX3000 WiFi 6 Mesh System (Deco X55, 2-Pack) Instruction Manual

1. INTRODUCTION AND OVERVIEW

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your TP-Link Deco AX3000 WiFi 6 Mesh System (Deco X55, 2-Pack). This system is designed to deliver seamless, high-performance WiFi 6 coverage throughout your home, eliminating dead zones and buffering.



Image: Two TP-Link Deco X55 units, showcasing their compact, cylindrical design.

Key features include AX3000 speeds, coverage up to 6500 square feet, support for up to 150 devices, AI-Driven Mesh technology for optimized performance, Ethernet backhaul capability, and integrated HomeShield security features.



Image: A graphic summarizing the key features of the Deco X55 system, including WiFi 6 AX3000, 6500 sq ft coverage, 150 device capacity, AI-Driven Mesh, Ethernet Backhaul, and HomeShield.

2. WHAT'S IN THE BOX

Verify that all components are present in your package:

- 2 x Deco X55 units
- 1 x RJ45 Ethernet cable
- 2 x Power adapters
- 1 x Quick Installation Guide

3. SETUP INSTRUCTIONS

3.1 Physical Connection

1. Unpack the Deco X55 units and accessories.

2. Locate your modem. Connect one of the Deco X55 units to your modem using the provided RJ45 Ethernet cable. This unit will serve as your main Deco unit.
3. Connect the power adapter to the main Deco unit and plug it into an electrical outlet.
4. Place the second Deco X55 unit in a central location within your home to maximize WiFi coverage. Connect its power adapter and plug it into an electrical outlet.



More Ports. More Flexibility

3 gigabit ports per unit (9 ports in total) provide more wired connections and supports Ethernet backhaul for the fastest connections.

Image: The rear of a Deco X55 unit, displaying three Gigabit Ethernet ports and the power input. This illustrates where to connect the Ethernet cable from your modem and the power adapter.

3.2 App-Guided Setup

The TP-Link Deco app simplifies the setup process:

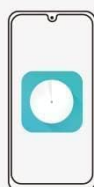
1. Download the TP-Link Deco app from the App Store (iOS) or Google Play Store (Android).
2. Open the Deco app and follow the on-screen instructions to create a TP-Link ID or log in if you already have one.
3. The app will guide you through connecting your Deco units, setting up your WiFi network name (SSID) and password, and adding additional Deco units to your mesh system.
4. For quick connection to your new WiFi network, scan the QR code located on the bottom of each Deco unit.

Quick Setup with the Deco App

Unbox Deco, install the app and then simply follow the on-screen directions. Deco app will take care of the rest, getting your network up and running in minutes.



- 1** Connect Deco to your cable modem and power on both devices



- 2** Download and launch the Deco app; just follow the in-app directions to finish the setup steps.



- 3** For the next Deco, simply power on it to automatically join the network.



Image: A visual guide demonstrating the quick setup process using the Deco app, showing steps for connecting the Deco to the modem, downloading the app, and powering on the units.

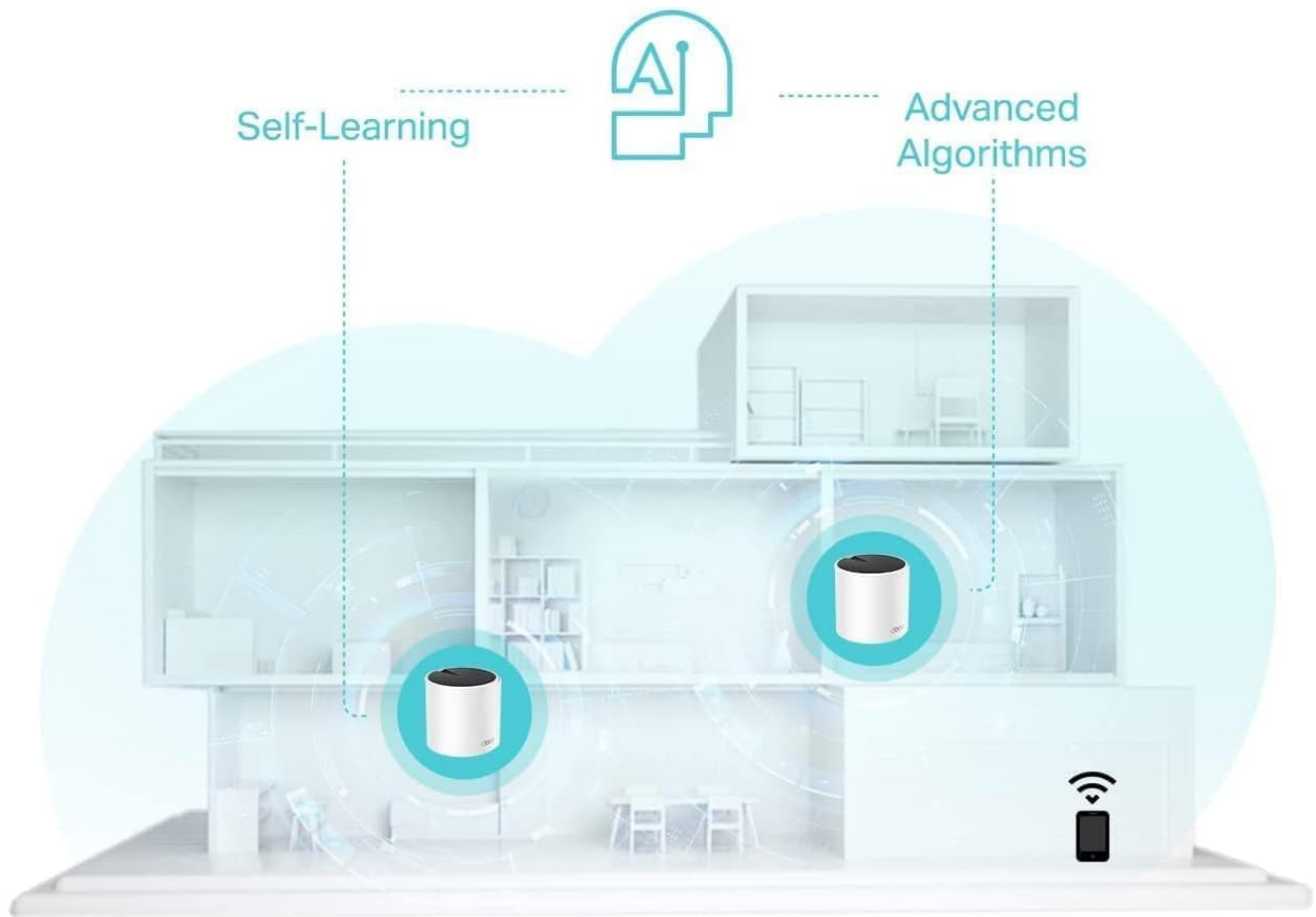


Image: The underside of a Deco X55 unit, displaying the product label with model information, serial number, and a QR code for easy WiFi connection.

4. OPERATING YOUR MESH SYSTEM

4.1 Seamless Whole-Home Coverage

The Deco mesh system creates a unified WiFi network, allowing your devices to automatically switch to the Deco unit with the strongest signal as you move around your home. This ensures a consistent and strong connection without interruptions.



AI-Driven Mesh

AI-Driven mesh technology is always learning and constantly optimizing to deliver the best WiFi experience specific to how the units are placed.

Image: A diagram showing how AI-Driven Mesh technology optimizes WiFi coverage by learning and adapting to the placement of Deco units within a home environment.

4.2 Ethernet Backhaul

Each Deco X55 unit is equipped with three Gigabit Ethernet ports. These ports can be used to connect wired devices directly to the Deco unit for maximum speed and stability. Additionally, you can use an Ethernet cable to connect Deco units to each other (Ethernet backhaul), which can significantly improve WiFi performance, especially in larger homes or areas with thick walls.

4.3 Deco App Management

The TP-Link Deco app provides comprehensive control over your mesh network. Through the app, you can:

- View connected devices and their status.
- Prioritize devices for optimal performance (Quality of Service - QoS).

- Set up parental controls to manage internet access for family members.
- Monitor network usage and security alerts.
- Manage guest networks.

4.4 HomeShield Security

Your Deco X55 system includes TP-Link HomeShield, offering advanced security features to protect your home network and connected devices. Included features are Home Network Scanner, Parental Controls, and Quality of Service. An optional HomeShield Pro subscription is available for additional features like DDoS Attack Prevention, IoT Device Protection, and advanced parental controls.



Your Security is Our Priority

Included with Purchase:



Home Network
Scanner



Parental
Controls



Quality of
Service



Upgrade to HomeShield Pro

(Subscription fees apply)



DDoS Attack Prevention



IoT Device Protection



Advanced Parental Controls
including Time Rewards



1-Month Free Trial

Image: A graphic detailing the HomeShield security features included with the Deco X55, such as Home Network Scanner, Parental Controls, and Quality of Service, along with optional Pro features.

5. MAINTENANCE

To ensure optimal performance and longevity of your Deco X55 mesh system, consider the following maintenance practices:

- **Firmware Updates:** Regularly check for and install firmware updates through the Deco app. Updates often include performance improvements, security patches, and new features.
- **Optimal Placement:** Ensure Deco units are placed in open areas, away from obstructions and sources of interference (e.g., microwaves, cordless phones, large metal objects). Proper ventilation is also important to prevent overheating.
- **Periodic Restart:** Occasionally restarting your Deco units and modem can help resolve minor network issues and improve overall stability.
- **Cleaning:** Keep the units clean and free of dust. Use a soft, dry cloth for cleaning.

6. TROUBLESHOOTING

If you encounter issues with your Deco X55 mesh system, try the following steps:

- **No Internet Connection:** Verify that your modem is working correctly and that the Ethernet cable connecting the main Deco unit to the modem is secure. Restart both your modem and the main Deco unit.
- **Weak Signal or Dead Zones:** Adjust the placement of your satellite Deco units to ensure they are within optimal range of each other and the main unit. Consider using Ethernet backhaul if possible.
- **Device Connectivity Issues:** Ensure your device is connected to the correct WiFi network. Try restarting the problematic device. If older devices have difficulty connecting, ensure their firmware is up to date.
- **Deco App Not Detecting Units:** Ensure all Deco units are powered on and the LED indicator is showing the correct status (e.g., solid white/green for normal operation). Try restarting the app or your mobile device.
- **Slow Speeds:** Perform a speed test using the Deco app to identify potential bottlenecks. Ensure your internet service provider (ISP) is delivering the expected speeds. Check for excessive network traffic or interference.
- **Factory Reset:** As a last resort, you can perform a factory reset on a Deco unit by pressing the reset button on the bottom of the unit for several seconds until the LED blinks red. Note that this will erase all custom settings.







7. SPECIFICATIONS

Brand	TP-Link
Model Number	X55
Wireless Standard	802.11ax (WiFi 6)
Frequency Band Class	Dual-Band
Connectivity Technology	Ethernet, Wi-Fi
Ethernet Ports	3 Gigabit Ports per unit
Coverage Area	Up to 6500 sq. ft. (2-pack)
Max Connected Devices	Up to 150 devices
Product Dimensions	4.33 x 4.33 x 4.49 inches
Item Weight	3.91 pounds

8. WARRANTY AND SUPPORT

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

Related Documents - Deco X55

	<p>TP-Link Deco Quick Installation Guide</p> <p>Quick installation guide for TP-Link Deco mesh WiFi systems, providing setup instructions and LED status explanations in multiple languages.</p>
	<p>TP-Link Deco X55 AX3000 Whole Home Mesh Wi-Fi 6 System Seamless Coverage</p> <p>Explore the TP-Link Deco X55, an AX3000 Whole Home Mesh Wi-Fi 6 System designed for superior, seamless, and secure wireless coverage. Featuring AI-Driven Mesh, advanced HomeShield security, and easy setup via the Deco app, it's ideal for modern homes.</p>
	<p>TP-Link Deco E4 AC1200 Whole Home Mesh WiFi System Features & Specifications</p> <p>Discover the TP-Link Deco E4, an AC1200 Whole Home Mesh WiFi System designed to eliminate dead zones, provide seamless roaming, and offer robust parental controls. Learn about its features, specifications, and how it simplifies your home network.</p>
	<p>TP-Link Deco Whole Home Mesh Wi-Fi 6 System User Guide</p> <p>Comprehensive user guide for the TP-Link Deco Whole Home Mesh Wi-Fi 6 System, covering setup, features, advanced settings, troubleshooting, and regulatory information.</p>
	<p>TP-Link Deco X55 Pro User Guide: AX3000 Whole Home Mesh Wi-Fi 6 System Setup and Features</p> <p>Comprehensive user guide for the TP-Link Deco X55 Pro AX3000 Whole Home Mesh Wi-Fi 6 System. Learn how to set up, troubleshoot, and understand its features and compliance information.</p>
	<p>TP-Link Deco X50-5G User Guide: 5G AX3000 Whole Home Mesh Wi-Fi 6 Router Setup and Features</p> <p>Comprehensive user guide for the TP-Link Deco X50-5G, a 5G AX3000 Whole Home Mesh Wi-Fi 6 Router. Learn how to set up in 4G/5G or Wi-Fi router modes, troubleshoot common issues, and understand regulatory information.</p>