

deco™



AX1500

Whole Home Mesh Wi-Fi 6 System

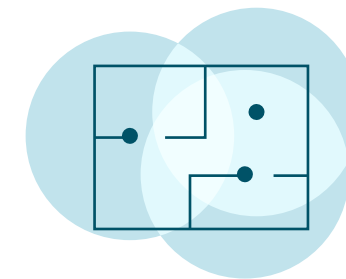
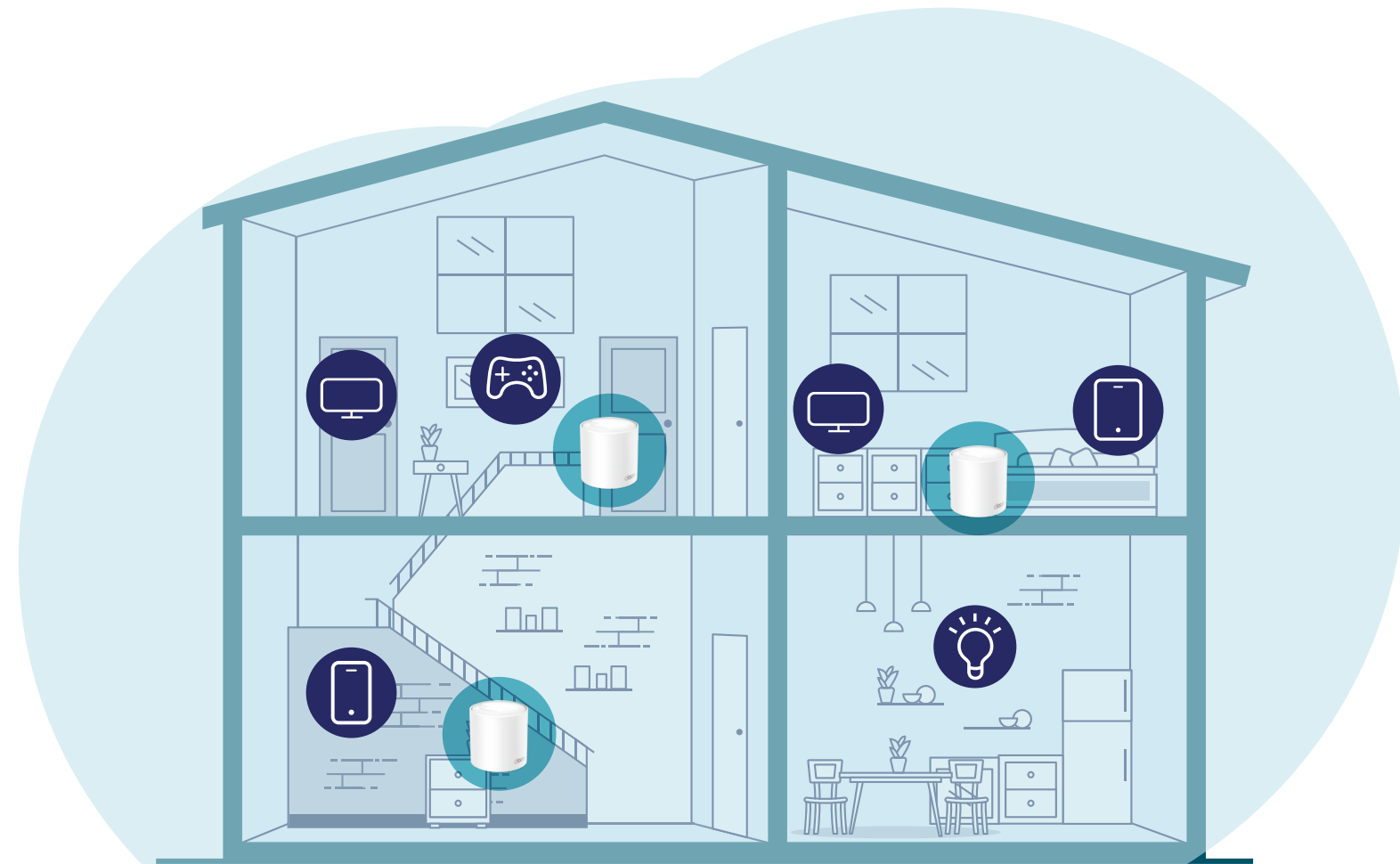
Full Home Coverage from Bedroom
to the Backyard

Deco W4500



Highlights

Full Home Coverage, From the Bedroom to the Backyard



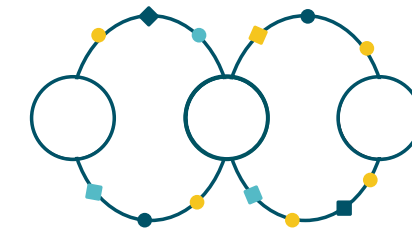
Fast Wi-Fi Everywhere

Deco W4500 3-Pack delivers coverage for 5,600 sq.ft., eliminating dead spots and covering your home in faster AX1500 Wi-Fi.†



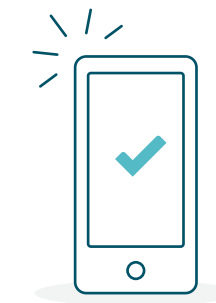
One Name, One Password

Creating a single network that keeps you connected wherever you are in your home.



The Best Connections

With TP-Link Mesh technology, Deco W4500 is always working to give your devices the best possible connections.



Simple Setup

Installing Deco W4500 is fast and easy. Just unpack the system, download the Deco app and follow its onscreen directions.

Highlights



Superior Mesh Wi-Fi, Everywhere

- Enhanced whole home coverage
- Improved capacity for more connections
- Minimized Wi-Fi interference
- Greatly reduced lag

Customizable Wi-Fi Settings

- Set schedules and pause internet
- Prioritize your bandwidth
- Filter web content
- Network usage report

Advanced Functions

- Seamless roaming[†]
- MU-MIMO[§]
- Access point mode
- Guest network

Features



Robust Parental Controls

Manage content and control when each device can access the internet

- Profiles – Create a profile for each family member, and manage them individually
- Content Filter – Four levels are available for filtering content, each catering to a specific age group
- Time Controls – Set daily time limits for the total time spent online and block a person's internet access between certain times
- Pause the Internet – Pause a family member's internet and resume it whenever you like



Easy Setup by Deco App

Easily set up Decos and find the ideal spot to place each unit

- Auto Connection Test – Tests the internet connection of your Decos and helps to identify a suitable location for them
- Remote Management – Manages your Deco network from a smartphone or tablet via the app, no matter where you find yourself
- Online Upgrade – Keeps informed of the latest firmware updates



Security

Safeguard your home network with a firewall and wireless encryption

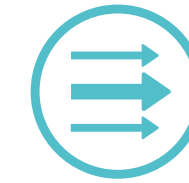
- Encryption for Secure Network – WPA/WPA2/WPA3 encryptions provide active protection against security threats
- Firewall – Protects your network devices from malicious attacks
- Blocklist – Add specific devices to blocklist to protect your network from unauthorized users



Two Modes in One

Choose the Wireless Router mode or Access Point mode for your network needs

- Wireless Router Mode – Creates an instant private wireless network
- Access Point Mode – Creates Wi-Fi access for any existing wired network



Quality of Service

Prioritize devices and bandwidths for faster performance when needed

- For Devices – Give high priority to the devices that need the fastest internet connection



Work with All Deco Models

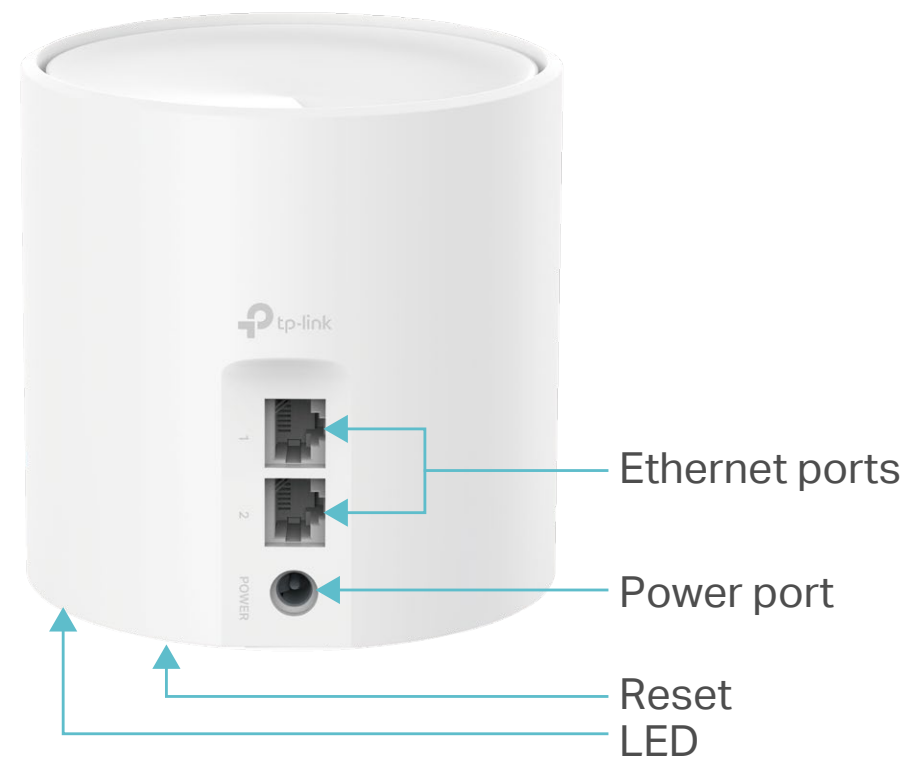
Form a Mesh network with your desired Deco models

- Compatible with All Deco Models – All Deco models can work together. Just expand Mesh Wi-Fi coverage anytime by adding more Decos
- Deco Mesh Technology – Eliminates dead zones and provides uninterrupted WiFi throughout your home

Specifications

Hardware

- Ethernet Port: 2 Gigabit ports per Deco unit (WAN/LAN auto-sensing)
- Button: 1 RESET button on the underside
- Antenna: 2 internal antennas
- Power Consumption (with power adapter): 11.5 W max
- Dimensions (W × D × H): 4.33 × 4.33 × 4.49 in (110 × 110 × 114 mm)
- Power Adapter Input: 100-240V ~ 50-60Hz 0.6A
- Power Adapter Output: 12V = 1A



Wireless

- Wireless Standards: IEEE 802.11a/n/ac/ax 5GHz[†], IEEE 802.11b/g/n 2.4GHz
- Mesh protocol: 802.11k/v
- Frequency: 2.4GHz and 5GHz
- Signal Rate: 300 Mbps on 2.4GHz, 1201 Mbps on 5GHz[†]
- Transmit Power: FCC: <30 dBm(2.4GHz), <30 dBm(5GHz)
- Wireless Security: WPA/WPA2-PSK/WPA3 encryptions

Software

- Working Mode: Router, Access Point
- WAN Type: Dynamic IP/Static IP/PPPoE/L2TP/PPTP
- DHCP: Server
- Quality of Service: WMM
- Firewall Security: SPI Firewall
- Protocols: Supports IPv4 and IPv6
- Guest Network: 2.4GHz Guest Network×1, 5GHz Guest Network×1
- Features: Parental Controls, QoS (Quality of Service), Reporting, Assisted Setup, Address Reservation, Port Forwarding, TP-Link DDNS, IPTV, IPv6, LED Control
- Management: Local Management; Remote Management; Multi-Managers

Others

- Certification: FCC, RoHS
- Environment:
 - Operating Temperature: 0°C~40°C (32°F~104°F)
 - Storage Temperature: -40°C~60°C (-40°F~140°F)
 - Operating Humidity: 10%~90%
 - Storage Humidity: 5%~90%
- Package Contents for Deco W4500(3-pack):
 - 3 Deco W4500 units
 - 1 RJ45 Ethernet cable
 - 3 Power adapters
 - 1 Quick Installation Guide

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Specifications are subject to change without notice. All the brands and product names are trademarks or registered trademarks of their respective holders.

[†]Maximum wireless transmission rates are the physical rates derived from IEEE Standard 802.11 specifications. Range and coverage specifications along with the number of connected devices were defined according to test results under normal usage conditions. Actual wireless transmission rate, wireless coverage, and number of connected devices are not guaranteed, and will vary as a result of 1) environmental factors, including building materials, physical objects and obstacles, 2) network conditions, including local interference, volume and density of traffic, product location, network complexity, and network overhead and 3) client limitations, including rated performance, location, connection quality, and client condition.

[‡]Clients need to support 802.11k/v and may require additional setup. Performance may vary depending on the client device.

[§]Use of Wi-Fi 6 and other features including OFDMA, MU-MIMO, 1024-QAM, BSS Color require clients to also support the corresponding features.

Actual network speed may be limited by the rate of the product's Ethernet WAN or LAN port, the rate supported by the network cable, internet service provider factors, and other environmental conditions.

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