



## DESCRIPTION

### Superior Mesh WiFi, Everywhere

AX3000 Whole Home Mesh WiFi 6 System

#### Ultra-Fast WiFi 6 Mesh

Armed with WiFi 6 technology, Deco whole home mesh WiFi is designed to deliver a huge boost in coverage, speed, and total capacity. Get on the latest mesh WiFi to enjoy the future network that loads faster and connects more.

#### Whole-Home Coverage: WiFi Dead Zone Killer

With clearer and stronger signals enhanced by BSS Color and Beamforming, Deco X50 boosts broader whole home WiFi coverage with great performance. Wireless connections and optional Ethernet backhaul work together to link Deco units, providing even faster network speeds and truly seamless coverage. Want more coverage? Simply add another Deco.

#### Up to 4x More Capacity for Immersive Streaming

Enhanced by WiFi 6, featuring with OFDMA and MU-MIMO technology, Deco X50 allows you to connect over 150 devices. Enjoy a more efficient network that loads faster without dragging down performance.

#### AI-Driven Mesh: Always Learning, Constantly Optimizing

Armed with AI-Driven Mesh, Deco X50 delivers smart WiFi that follows you wherever you are, without interruption. It automatically learns your network environment, client quality, and user behaviors. Sophisticated algorithms account for various factors so that Deco X50 provides ideal mesh WiFi, unique to your home. Walk through your home and enjoy seamless streaming at the fastest possible speeds.

#### Seamless Roaming with One WiFi Name

TP-Link Mesh means Deco units work together to form one unified network. Your phone or tablet automatically connects to the fastest Deco as you move through your home, creating a truly seamless WiFi experience.

#### Let the Experts Secure Your Home

Customize your home network with enhanced security using TP-Link HomeShield's kit of built-in features. Whether you're identifying network security holes, limiting the time your children spend online, or blocking websites, HomeShield gives you the tools you need to fully manage your network.

### 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.

### More than a Router, Functional and Beautiful

The pure white design, simple but all-embracing, evokes a wintery mood or a bright summer day. Deco X50 with a delicate body case makes it perfect to blend into various home decorations.

## TECHNICAL CHARACTERISTICS

|                                                                                              |
|----------------------------------------------------------------------------------------------|
| Brand : TP-LINK                                                                              |
| Part number : DECO X50(2-PACK)                                                               |
| Caractéristiques :                                                                           |
| BeamForming : Y                                                                              |
| Caractéristiques Wireless LAN :                                                              |
| Dynamic DNS (DDNS) : Y                                                                       |
| AC adapter output current : 1.5 A                                                            |
| AC adapter output voltage : 12 V                                                             |
| Antenna type : Internal                                                                      |
| Antennas quantity : 2                                                                        |
| Built-in processor : Y                                                                       |
| DC-in jack : Y                                                                               |
| Depth : 110 mm                                                                               |
| DHCP client : Y                                                                              |
| Ethernet cable : Y                                                                           |
| Ethernet LAN (RJ-45) ports : 3                                                               |
| Firewall security : SPI                                                                      |
| Firmware upgradeable via : Network                                                           |
| Harmonized System (HS) code : 85171800                                                       |
| Height : 114 mm                                                                              |
| IGMP proxy : Y                                                                               |
| IGMP snooping : Y                                                                            |
| MU-MIMO technology : Y                                                                       |
| Networking standards : IEEE 802.11n, IEEE 802.11a, IEEE 802.11ac, IEEE 802.11b, IEEE 802.11g |
| Number of adapters included : 2 pc(s)                                                        |
| Number of guest networks (2:4 GHz) : 1                                                       |
| Number of guest networks (5 GHz) : 1                                                         |
| Number of products included : 2 pc(s)                                                        |
| Operating relative humidity (H-H) : 10 - 90%                                                 |
| Operating temperature (T-T) : 0 - 40 °C                                                      |
| Parental control : Y                                                                         |
| Parental control features : Custom profiles, Time controls, Weekly/monthly reports           |
| Port forwarding : Y                                                                          |
| Processor cores : 2                                                                          |
| Processor frequency : 1 GHz                                                                  |
| Product colour : White                                                                       |
| Quality of Service (QoS) support : Y                                                         |
| Reset button : Y                                                                             |
| Security algorithms : WPA-PSK, WPA2-PSK, WPA3-PSK                                            |
| Storage relative humidity (H-H) : 5 - 90%                                                    |
| Storage temperature (T-T) : -40 - 70 °C                                                      |
| Sustainability certificates : CE, RoHS                                                       |
| Tagged VLAN : Y                                                                              |

|                                                                                                        |
|--------------------------------------------------------------------------------------------------------|
| Top Wi-Fi standard : Wi-Fi 6 (802.11ax)                                                                |
| Transmit power : CE: <20 dBm (2.4 GHz) <23 dBm (5 GHz) FCC: <30 dBm (2.4 GHz) <30 dBm (5 GHz)          |
| Universal Plug and Play (UPnP) : Y                                                                     |
| Width : 110 mm                                                                                         |
| Wi-Fi band : Dual-band (2.4 GHz / 5 GHz)                                                               |
| Wi-Fi standards : 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax) |
| WLAN data transfer rate (first band) : 574 Mbit/s                                                      |
| WLAN data transfer rate (second band) : 2402 Mbit/s                                                    |