



# AV500

Powerline ac Wi-Fi Kit

TL-WPA4530 KIT

## Highlights

- **HomePlug AV** – Provides up to 500Mbps high speed data transmission over a home's existing electrical wiring, ideal for lag-free HD or 3D video streaming and online gaming
- **AC750** – Extends 2.4GHz(300Mbps) + 5GHz(433Mbps) dual band Wi-Fi speeds to every room of your house
- **One Touch Super Range Extension** – Wi-Fi Clone Button simplifies your Wi-Fi configuration and helps build a seamless unified home network
- **Auto-Sync** – Wi-Fi Move Technology allows to automatically sync the Wi-Fi settings across your Powerline network by pressing the pair buttons
- **Out of Box Simplicity** – Set up your Powerline network in minutes. Simply plug, pair and play



Dual Band  
2.4 & 5 GHz



300Mbps+  
433Mbps



500Mbps  
HomePlug AV



Wi-Fi  
Clone



Wi-Fi  
Auto-Sync



Multiplayer  
Online Gaming



tpPLC  
App



Available on the  
App Store



ANDROID APP ON  
Google play

# Features

## Speed

- HomePlug AV – Provides up to 500Mbps high speed data transmission over a home's existing electrical wiring, ideal for lag-free HD or 3D video streaming and online gaming
- Wireless AC Standard – Extended 300Mbps on 2.4GHz + 433Mbps on 5GHz totals 733Mbps Wi-Fi speeds

## Reliability

- Multiple Ethernet Ports – Create secure wired networks for desktops, smart TVs or game consoles
- Max. Units – Support up to 16 Powerline devices in one Powerline network
- Mains Filter – Mains Filter inside the outlet reduces electrical noise interference and improves powerline communication performance

## Ease of Use

- Wi-Fi Clone – Allows Powerline adapters to copy the network name (SSID) and password from your router with one touch
- Wi-Fi Move – Automatically syncs the Wi-Fi settings across your Powerline network
- TP-LINK tpPLC – Easily manage your network with intuitive tpPLC App or tpPLC Utility

## Range

- 300-meter Range – Up to 300-meter range over the household power circuit

## Security

- Pair Button – 128-bit AES encryption easily at a push of "Pair" Button

# Specifications

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## Hardware

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- **Transmission Speeds:** Powerline: up to 500 Mbps  
Ethernet: 10/100 Mbps
- **Standards and Protocols:** HomePlug AV, IEEE 1901, IEEE 802.3, IEEE 802.3u, IEEE 802.11b/g/n 2.4GHz, IEEE 802.11a/ac 5GHz
- **Interface:** 3 \* Built-in Ethernet Port
- **Plug Type:** EU
- **Button:** Pair, LED On/Off, Wi-Fi/Wi-Fi Clone, Reset
- **LED Indicator:** Power, Powerline, Ethernet
- **Item Dimensions (W x D x H):**  
TL-WPA4530: 5.2 x 2.8 x 1.9 in. (131 x 72 x 47 mm)  
TL-PA4020P: 3.7x2.3x1.7 in. (95x58x42 mm)
- **Packing Dimensions (W x D x H):** 9.1 x 7.5 x 3.9 in. (230x190x100 mm)
- **Access Methods:** CSMA/CA channel-access schemes
- **IGMP:** IGMP v1/v2/v3
- **Power Consumption:** Maximum: 8 W (230V/50Hz)  
Standby: 2.2 W (230V/50Hz)
- **Range:** 300 meters in house
- **Compatibility:** Compatible with all HomePlug AV & HomePlug AV2 standard Powerline adapters

## Software

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- **Modulation Technology:** OFDM
- **Security:** 128-bit AES Encryption
- **Quality of Service (QoS):** ToS  
Supports up to 4-level type QoS  
Support up to 8-level VLAN priority field

## Others

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### Package Contents

- AV500 Powerline ac Wi-Fi Kit: TL-WPA4530 & TL-PA4020P
- 2-meter RJ-45 Ethernet Cable \* 2
- Quick Installation Guide
- Resource CD

### Certification

- CE, RoHS

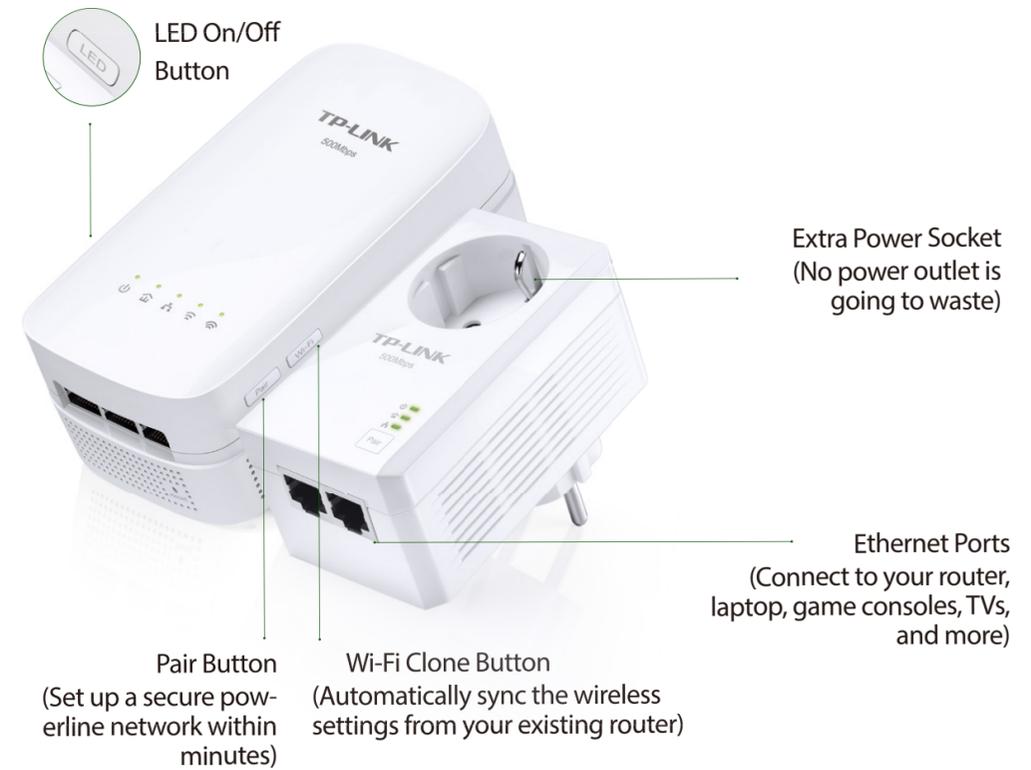
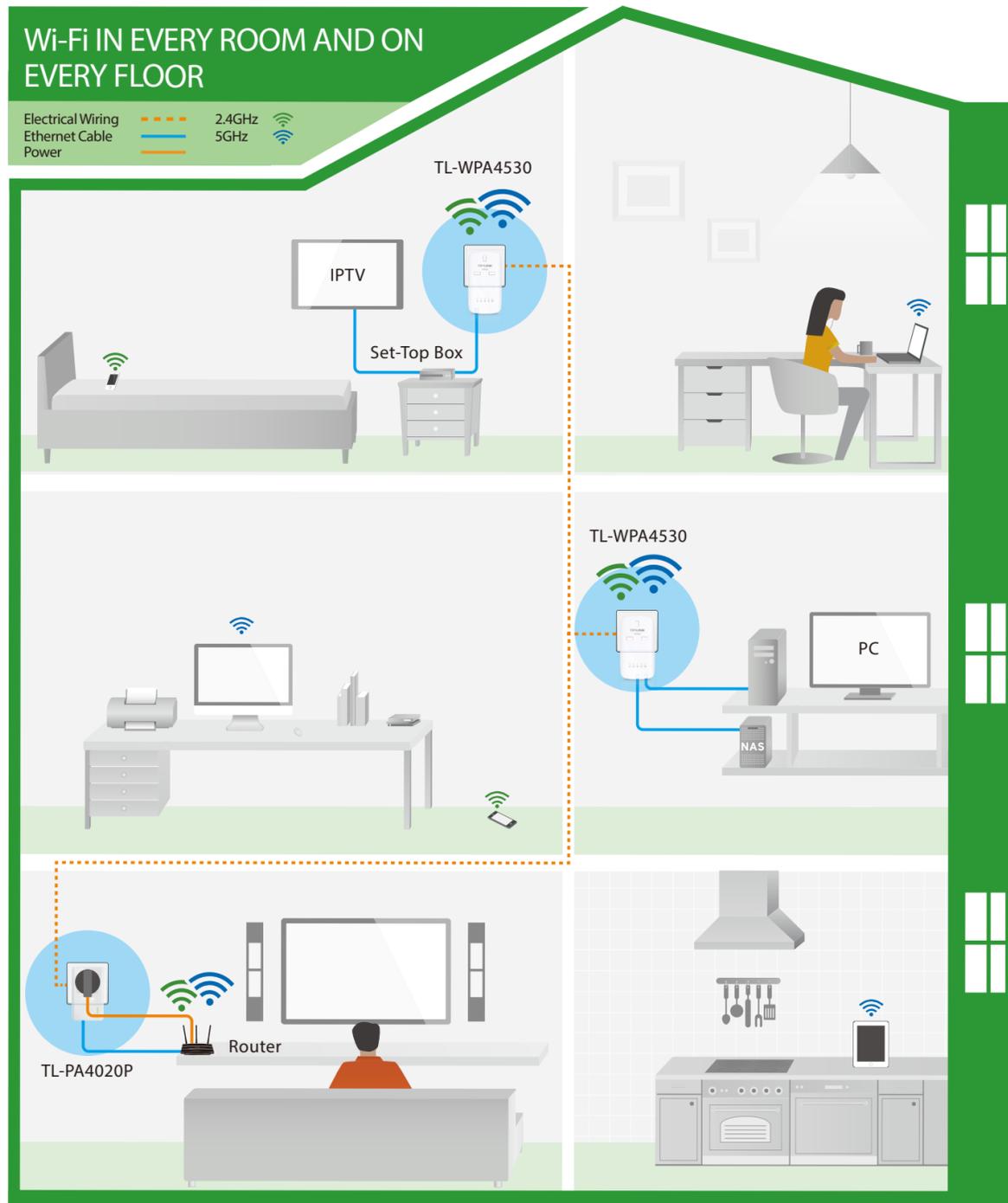
### System Requirements

- Windows 8.1/8/7/Vista/XP, Mac OS, Linux<sup>2</sup>

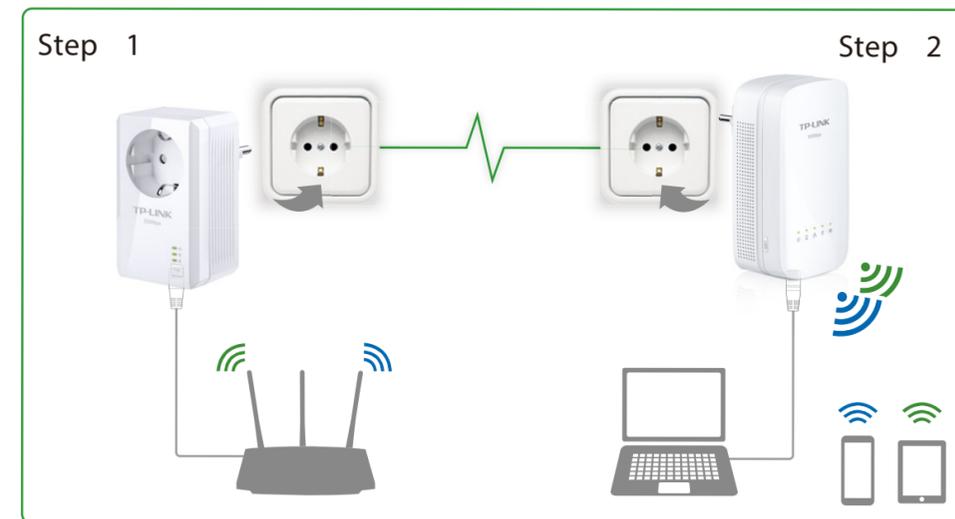
### Environment

- Operating Temperature: 0°C~40°C (32°F~104°F)
- Storage Temperature: -40°C ~70°C (-40°F ~158°F)
- Operating Humidity: 10%~90% non-condensing
- Storage Humidity: 5%~90% non-condensing

# Diagrams



## PLUG, PAIR AND PLAY!



# Others

## Ideal to use with



- AC3200 Wireless Tri-Band Gigabit Router Archer C3200



- AC2600 Wireless Dual Band Gigabit Router Archer C2600

## Similar Products



- AV1200 Gigabit Passthrough Powerline Starter Kit TL-PA8010P KIT



- 300Mbps AV500 Wi-Fi Powerline Extender Starter Kit TL-WPA4220KIT



For more information, please visit

<http://WWW.TP-LINK.COM/en/products/details/?model=TL-WPA4530+KIT>

or scan the QR code left

[www.tp-link.com](http://www.tp-link.com)

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<sup>1</sup> Actual data will vary because of the network conditions and environment factors.

<sup>2</sup> Utility supports Windows 8.1/8/7/Vista/XP and Mac OS X (10.7 or later) operating system for the present.