

## AV500+ Gigabit Powerline Adapter with AC Pass Through Starter Kit

### TL-PA551KIT

#### ⦿ Features:

- HomePlug AV standard compliant, high-speed data transfer rate of up to 500Mbps, ideal for HD video or 3D video streaming and online gaming
- Integrated power socket to allow additional devices access to power
- Mains Filter for better powerline communication performance
- No new wires, use existing electrical wiring
- Up to 300-meter range over a home's electrical circuit for better performance through walls or across floors
- Plug and Play, no new wires or configuration required
- Patented Power-Saving Mode automatically reduces power consumption by up to 85%
- 128-bit AES encryption ensures that the network is safe simply by pressing a button on paired devices
- Built-in QoS assures the quality of bandwidth sensitive applications such as voice, video and online games
- Supports IGMP managed multicast IP transmission, optimizes IPTV streaming



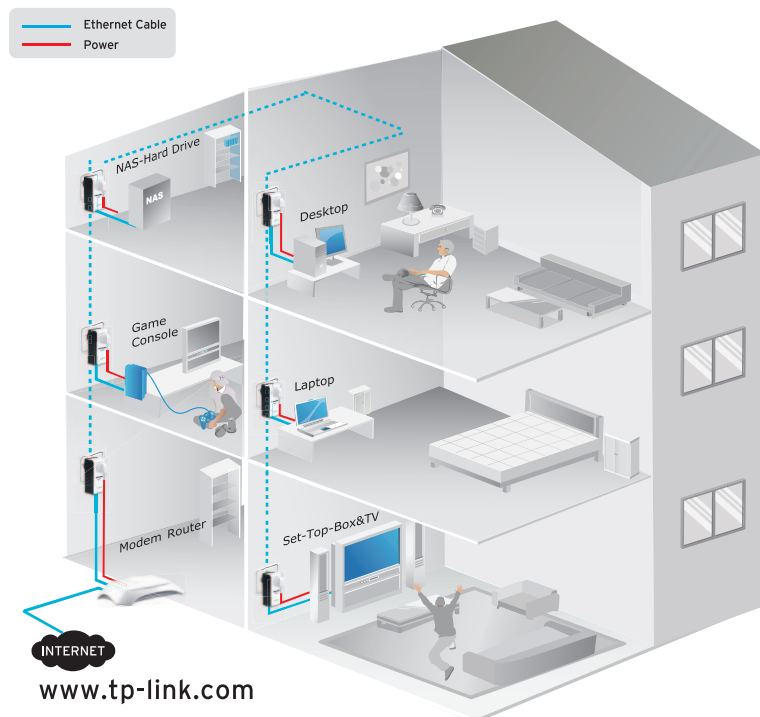
#### ⦿ Description:

The TP-LINK 500Mbps Gigabit Powerline Adapter with AC Pass Through, TL-PA551 turns your existing electrical circuitry into a high-speed network with no need for new wires or drilling. No configuration is required, simply plug your adapter into your power sockets and you can establish networking infrastructure in a flash. With speeds up to 500Mbps, TL-PA551 provides robust, speedy connections essential for bandwidth intensive media applications. What's more, its integrated power socket allows an additional device or power bar to be connected to the adapter as though it were a normal wall socket.

## Ⓞ Specifications:

HARDWARE FEATURES	
Standards and Protocols	HomePlug AV, IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.1p, IEEE802.3x
Interface	Gigabit Ethernet Port Power Socket
Plug Type	EU, FR, UK
Button	Pair Button
LED Indicator	PWR, PLC, ETH
Dimensions (W x D x H)	126 x 64 x 42mm (5.0 x 2.5 x 1.7 in.)
Power Consumption	< 6 W
Range	300M in house
SOFTWARE FEATURES	
Modulation Technology	OFDM, 1024/256/64/16/8-QAM, QPSK, BPSK and ROBO
Advanced Functions	Build-In QoS Feature, Intelligent Channel Adaptation
Encryption	128-bit AES Encryption
OTHERS	
Certification	CE, FCC, RoHS
System Requirements	Windows 2000/XP/2003/Vista, Windows 7, Mac, Linux
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

## Ⓞ Diagram:



### Package:

- Powerline Ethernet Adapter TL-PA551\*2
- Ethernet cable (RJ45)\*2
- Resource CD
- Quick Installation Guide