TP-LINK®

HS85 Mini Powerline Adapter Starter Kit
TL-PA111KIT

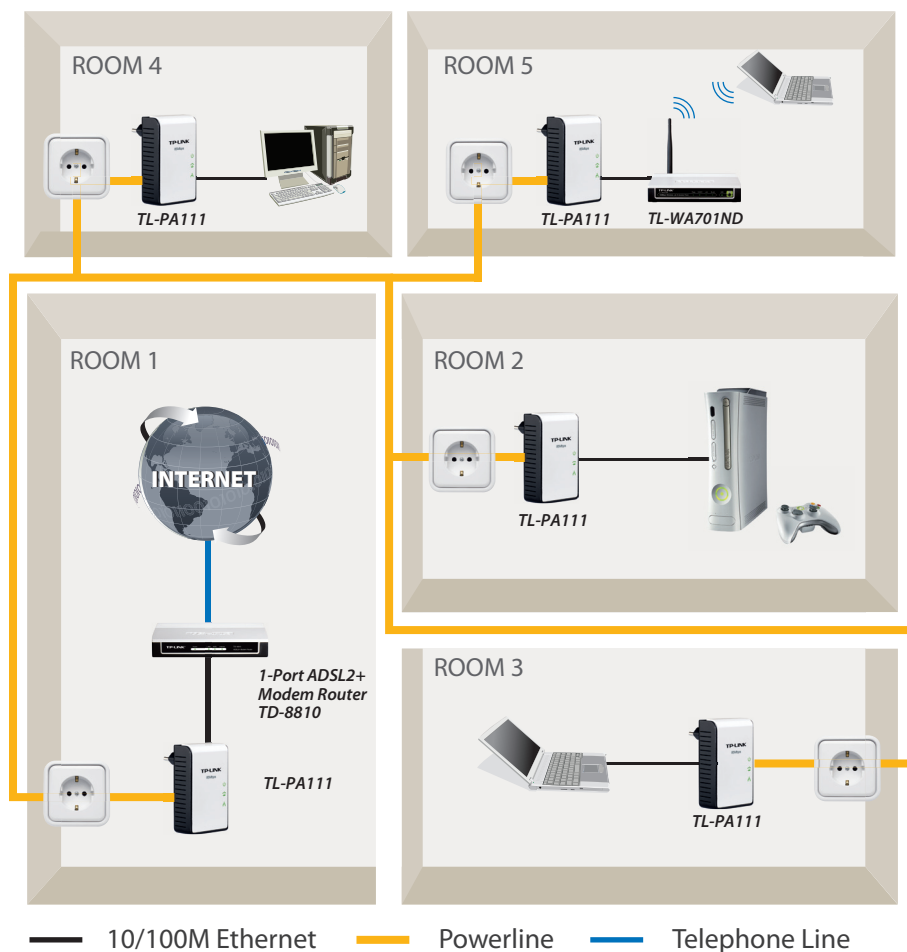| Extend your network via household electrical wiring, no new wires required	Just plug and play, no setup required	Built-in QoS enables smooth video streaming and lag-free gaming

Description：

TP-LINK's HS85 Mini Powerline Adapter (TL-PA111) is a convenient solution for extending your home network by using electrical sockets. With this product, you can set up your personal and scalable network with no new wires or drilling, in no time. Moreover, game consoles, NAS hard drives and any other network-compatible devices in different rooms and even posited across floors can be connected. Complying with the HomePlug Turbo standard, the TL-PA111 gives you a data transmission speed of up to 85Mbps, together with the built-in QoS that gives bandwidth intensive and sensitive applications a higher priority to remain stable and fluid. TL-PA111 is a good choice for your high-speed shared home network.

Specifications：

Standards	Homeplug Turbo, IEEE 802.3, IEEE802.3u
Modulation Technology	OFDM
Protocol Support	TCP/IP
Operation System*	Windows 98SE/2000/2003/XP, Vista, Windows 7, Mac, Linux*
Interface	1 10/100Mbps Ethernet port
LEDs	PWR, PLC, ETH
Range	300 Meters in house
Transmission speed	85Mbps
Security	56-bit DES encryption
Certifications	CE, RoHS,FCC
Plug Type	EU, UK, US, AU
Dimensions (L x W x H)	3.6×2.2×1.2 inch (93×56×30 mm)
Qos (Quality of Service)	√
Operating Temp.	0℃~40℃
Operating Humidity	10%~90%RH, Non-condensing
Power Consumption	3W

* The utility supports Windows XP/ Vista /7 operating system for the present

Diagram:

ROOM 4 — TL-PA111

ROOM 5 — TL-PA111 TL-WA701ND

ROOM 1 — INTERNET — 1-Port ADSL2+ Modem Router TD-8810 — TL-PA111

ROOM 2 — TL-PA111

ROOM 3 — TL-PA111

━━ 10/100M Ethernet   ━━ Powerline   ━━ Telephone Line

Features：

- No new wires, use existing wires
- Super Mini Size with a total new exterior
- Turns any electrical socket into an Ethernet network connection
- No setup required, simply plug and play
- Up to 300 meters range over the household power lines for better performance through walls or across floors
- Built-in QoS assures the performance of VoIP/IPTV streaming and on-line gaming
- Supports IGMP managed multicast IP transmission, optimizes IPTV streaming
- 56-bit DES encryption secures communications over the power supply grid
- A wide range of plug types including EU, UK, AU and US

Package:

- HS85 Mini Powerline Adapter TL-PA111 x2
- RJ-45 Ethernet Cable x2
- Quick Installation Guide
- Resource CD, including:
  - Powerline Ethernet Adapter Utility
  - User Guide
  - Other relevant contents

Related Products:

- For Broadband Access：
  TD-8810 ADSL2+ Modem Router
- For Local Wireless Extension：
  TL-WA701ND Wireless Access Point
- For Powerline Network Extension：
  TL-PA111