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TP-Link TL-8010P KIT

TP-Link TL-PA8010P Powerline Adapter User Manual

Model: TL-8010P KIT

1. PRODUCT OVERVIEW

The TP-Link TL-PA8010P Powerline Passthrough Gigabit AV1300 Starter Kit extends your internet connection to any room using your home's existing electrical wiring. It delivers ultra-fast wired speeds up to 1300Mbps, making it ideal for bandwidth-intensive activities such as 4K HD video streaming, online gaming, and large file transfers. The integrated electrical socket ensures that no power outlet is wasted, allowing other devices to be plugged in directly to the adapter.



Image: Two TL-PA8010P Powerline adapters, showcasing their compact design and integrated passthrough sockets.

2. KEY FEATURES

- **Ultra-fast 1300Mbps:** Provides stable wired high-speed data transfer up to 1300Mbps, suitable for Smart TVs, desktops, and game consoles.
- **2x2 MIMO with Beamforming:** Enables multiple simultaneous connections for greater speed and stability.
- **Plug & Play:** Simple setup by pressing a button, no additional configuration required.
- **Integrated Passthrough Socket:** An extra electrical outlet is built into the adapter, ensuring the power socket remains available for other devices.
- **Homeplug AV2 Standard:** Compatible with any product adhering to the Homeplug AV2 standard.
- **System Compatibility:** Supports Windows 2000/XP/2003/Vista, Windows 7/8, Mac, and Linux operating systems.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- Two (2) TL-PA8010P Powerline Adapters
- Two (2) Ethernet Cables (RJ45), 2 meters (6.5 ft) each
- Resource CD
- Quick Installation Guide



Image: Unboxed contents of the TL-PA8010P kit, including adapters, Ethernet cables, and documentation.

4. SETUP GUIDE

Follow these steps to set up your Powerline network:

4.1. Connect the First Adapter

1. Plug one TL-PA8010P adapter into a wall electrical outlet near your router. Avoid power strips or extension cords as they can degrade performance.
2. Connect one end of an Ethernet cable to the adapter's Ethernet port.
3. Connect the other end of the Ethernet cable to an available LAN port on your router.



Image: Setup diagram illustrating the connection of the first Powerline adapter to a router and wall outlet.

4.2. Connect the Second Adapter

1. Plug the second TL-PA8010P adapter into a wall electrical outlet in the room where you need internet access. Ensure it is on the same electrical circuit as the first adapter for optimal performance.
2. Connect one end of the second Ethernet cable to the adapter's Ethernet port.
3. Connect the other end of the Ethernet cable to your device (e.g., computer, Smart TV, game console).

4.3. Pairing (Optional, if adapters do not connect automatically)

If the Powerline LED on the adapters does not turn solid green, you may need to pair them:

1. Press the Pair button on the first adapter for one second. The Power LED will start blinking.
2. Within two minutes, press the Pair button on the second adapter for one second. The Power LED will also start blinking.
3. Wait for the Powerline LED on both adapters to turn solid green, indicating a successful connection.

5. OPERATING INSTRUCTIONS

Once the adapters are successfully paired and connected, your devices will have wired internet access through the Powerline network. The integrated passthrough socket allows you to continue using the electrical outlet for other appliances without performance degradation.



Image: A Powerline adapter providing a stable connection to a 4K TV for seamless streaming.

6. MAINTENANCE

To ensure optimal performance and longevity of your TP-Link Powerline adapters:

- Keep the adapters in a well-ventilated area.
- Avoid placing them near sources of electromagnetic interference, such as microwaves or large motors.
- Do not cover the ventilation holes on the adapters.
- Clean the adapters with a soft, dry cloth. Do not use liquid cleaners or aerosols.
- Always plug the adapters directly into a wall outlet. Using power strips, surge protectors, or extension cords can significantly reduce performance.

7. TROUBLESHOOTING

If you encounter issues with your Powerline network, try the following:

- **No Powerline Connection:** Ensure both adapters are plugged directly into wall outlets and are powered on. Check if the Powerline LED is solid green. If not, try the pairing process (Section 4.3).
- **Slow Speed:** Powerline performance can be affected by electrical noise, distance, and the quality of your home's electrical wiring. Try plugging adapters into different outlets, ideally on the same electrical circuit. Avoid outlets near high-power appliances.
- **Intermittent Connection:** This could be due to electrical interference. Try relocating the adapters to different outlets. Ensure no high-power appliances are on the same circuit.
- **Device Not Connecting:** Verify the Ethernet cable connection between the adapter and your device. Ensure your device's network settings are configured for a wired connection (DHCP enabled).
- **Resetting Adapters:** If issues persist, you can reset the adapters to factory defaults. Refer to the Quick Installation Guide for specific reset instructions, usually involving pressing and holding the Pair button for an extended period.

8. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Number	TL-8010P KIT
Data Transfer Rate	Up to 1300 Mbps
Data Link Protocol	Gigabit Ethernet
Hardware Interface	Ethernet
Compatible Devices	Smart TV, Desktop Computers, Game Consoles, etc.
Product Dimensions	9.06 x 7.48 x 3.94 inches (230 x 190 x 100 mm)
Item Weight	15.9 ounces (450 Grams)
Color	White
Standard	HomePlug AV2, IEEE 802.3, IEEE 802.3u, IEEE 802.3ab
Power Consumption	Maximum: 6W (230V/50Hz) Typical: 5.2W (230V/50Hz) Standby: 0.72W (230V/50Hz)

9. WARRANTY AND SUPPORT

TP-Link products come with a manufacturer's commercial warranty. For detailed terms and conditions regarding your warranty, please refer to the official TP-Link website or the documentation included in your product package.

For technical support, firmware updates, and additional resources, visit the official TP-Link support page. You can typically find contact information and FAQs there to assist with any product-related inquiries.

