Quick Installation Guide

AV500 Powerline Wi-Fi Extender

Applicable to TL-WPA4220 and its multiple-pack kits

* TL-WPA4220 KIT (European version) is used for demonstration in this QIG.

Image may differ from actual product.

Plug and Play

Set Up a New Wireless Network

More: To add additional powerline adapters or extenders with the default settings, simply plug them into the wall sockets on the same electrical circuit.

1. Powerline LED turns on.

Cloning Your Router’s Wi-Fi Settings to the Extender (Recommended)

If your router supports WPS, you can continue with the steps below to clone its current Wi-Fi settings to the extender.

**Tips:** We recommend that you plug in the extender near your router for Wi-Fi cloning.

1. Press the WPS button for 2 seconds.
2. Within 2 minutes, press the Wi-Fi Clone button for 1 second.
3. Done.

**Note:** If the Wi-Fi LED still blinks slowly for longer than 30 seconds, unplug the extender and plug it back in, then try again. Or use “Customize the Extender’s Wi-Fi Settings” on the back instead.

Enjoy!

Use the default wireless network name (SSID) and password on the provided Wi-Fi Info Card to access the Internet.
**Set Up a Secure Powerline Network Using the Pair Button (Recommended)**

You can create or join a secure powerline network using the Pair button on two devices at a time. The powerline network can support up to 16 powerline devices.

**Tips:** We recommend that you plug in the powerline devices near each other when pairing.

### To create a secure powerline network:
1. Press the Pair button for 1 second.
2. Within 2 minutes, press the Pair button for 1 second.
3. Done.

### To join an existing secure powerline network:
1. Press the Pair button for 1 second on any powerline device in the existing powerline network.
2. Within 2 minutes, press the Pair button for 1 second.
3. Done.

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**LED and Button Legend**

- **Power LED:** The device is on or off.
- **Powerline LED:** Once every 15 seconds: Power-Saving Mode is on. (Powerline adapter only)
- **Ethernet LED:** The device is connected to the powerline network.
- **Wi-Fi LED:** The Wi-Fi is working properly.
- **Wi-Fi/Wi-Fi Clone Button:** Rapidly: The Wi-Fi is working properly.
- **Wi-Fi Clone:** Once every second: Wi-Fi cloning is in process.
- **Wi-Fi:** The Wi-Fi is disabled.
- **Pair Button:** Press and hold for 5 seconds to turn the Wi-Fi on or off.
- **Pair:** Press and hold for 1 second to start the pairing process.
- **Reset:** Press and hold for 10 seconds to leave the powerline network.

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**FAQ (Frequently Asked Questions)**

**Q1. How do I reset my extender?**
A. With the extender powered on, use a pin to press and hold the Reset button until all LEDs go off. When the Power LED turns on and the Wi-Fi LED starts to blink rapidly, the reset process is complete.

**Q2. How to troubleshoot if there is no Internet connection in my powerline network?**
A1. Make sure all adapters and extenders are on the same electrical circuit.
A2. Make sure the Powerline LED lights up on all your adapters and extenders. If they do not, pair your adapters and extenders again.
A3. Make sure all hardware connections are correctly and securely connected.
A4. Check if you have an Internet connection by connecting the computer directly to the modem or router.
A5. Make sure your computer's IP address is in the same segment as your router's.

**Q3. What can I do if a successfully-paired extender does not reconnect after it has been moved to a new location?**
A1. Try another socket and make sure it is on the same electrical circuit.
A2. Try to pair it again with another adapter or extender, and make sure the Powerline LED is on before moving it to a new location.
A3. Check for possible interference, such as washers, air conditioners or other household appliances that may be too close to one of the powerline adapters or extenders.

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**Customize the Extender's Wi-Fi Settings (Optional)**

1. Connect your computer to the extender wirelessly or via an Ethernet cable.
2. Find and download the compatible version of utility for your powerline extender at [www.tp-link.com](http://www.tp-link.com).
3. Start the utility. Choose the model to be configured and click Connect.
4. Log in with the default user name and password (admin/admin).
5. Go to Wireless > Wireless Settings to set a new SSID. Go to Wireless > Wireless Security to set a new Wi-Fi password. Go to System Tools > Reboot to restart the extender.

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**For more information, please visit our website:**
[http://www.tp-link.com](http://www.tp-link.com)

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