Quick Installation Guide

For non-passthrough powerline device

A powerline network requires at least two powerline devices. We use the powerline adapter TL-R460 as an example to work with TL-WPA4220.

Note

If your home or office already has powerline adapters, remove them first, install TL-WPA4220 using Method 1 or Method 2, and then add your existing adapters to the powerline network.

For non-passthrough powerline device

Write down the default wireless network names (SSIDs) and passwords of both TL-WPA4220s.

* The default SSID is TP-LINK_xxxxxx. (xxxxxx indicates the last six unique characters of the WLAN MAC address.)

Method 1: Plug and Play

Create a new Wireless Network

1. Write down the default wireless network names (SSIDs) and passwords of both TL-WPA4220s.

Wireless Network Name (SSID)*: 

Wireless Password: 

Installation is completed when all the Powerline LEDs turn solid.

Installation is completed when all the Powerline LEDs turn solid.

1. Make sure the additional devices use factory default settings. If not, please reset them.
2. Plug them into the outlets and wait about 1 minute until their Powerline LEDs turn solid.

If the Powerline LEDs do not turn solid, please follow the instructions in FAQ->Q1:

1. For the two devices connected before, use the Pair Button to create a powerline network (Q1->A). (Skip this step if you have already done this.)
2. For additional devices, use the Pair Button to join the existing powerline network (Q1->B).

Enjoy!

Use the default SSID (TP-LINK_xxxxxx or TP-LINK_yyyyyy) and password your wrote down to access the Internet.

For passthrough powerline device

Connect your devices as follows.

* The default SSID is TP-LINK_xxxxxx (must include all six unique characters of the WLAN MAC address)

LED Indicators

Powerline

On: The device is on.
Off: The device is off.
Blinking: The device is pairing.

Powerline

On: The device is connected to a powerline network.
Off: The device is not connected to any powerline network.
Blinking: The device is transferring data.

Ethernet

On: At least one Ethernet port is connected.
Off: No Ethernet port is connected.

Wireless

SSID:

* The wireless function is disabled.
Blinking slowly: The wireless function is enabled and is being scanned.
Blinking quickly: The device is cloning Wi-Fi settings from a router.

Powerline

On: The device is connected to a powerline network.
Off: The device isn't connected to any powerline network.
Blinking: The device is transferring data.

Ethernet

On: At least one Ethernet port is connected.
Off: No Ethernet port is connected.

Wi-Fi

Off: The wireless function is disabled.
Blinking quickly: The wireless function is enabled.
Blinking every second: The device is cloning Wi-Fi settings from a router.

LED Indicators

AV500

Ethernet Ports

Reset Button

Pair Button

Wi-Fi/Wi-Fi Clone Button

LAN WANTL-PA4010

Blinking slowly: The wireless function is disabled.
Blinking quickly: The wireless function is enabled.
Blinking every second: The device is cloning Wi-Fi settings from a router.

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Method 2: Connect your devices as follows.

1. Plug in the two TL-WPA4220 devices.
2. If the Powerline LEDs do not turn solid, please follow the instructions in FAQ->Q2.

FAQs

1. For new devices connected before, and for the Ethernet connection, create a powerline network (Q2->A). (Skip this step if you have already done this.)
2. For additional devices, use the Pair Button to join the existing powerline network (Q2->B).

Enjoy!

Use the default SSID (TP-LINK_xxxxxx or TP-LINK_yyyyyy) and password your wrote down to access the Internet.

If the Powerline LEDs don't turn solid, check all of your powerline devices, or create a powerline network by referring to FAQ->Q1.
FAQ (Frequently Asked Questions)

Q1. How do I use the Pair button to create or join a powerline network?

You can use the Pair button on only two devices at a time.

A. To create a powerline network

1. Press the Pair button on TL-WPA4220. The Power LED will blink.
2. Within 2 minutes, press the Pair button on TL-PA4010. The Power LED will blink.
3. In about 1 minute, all the Powerline LEDs will turn solid.

B. To join an existing powerline network

1. Press the Pair button on a third powerline device. The Power LED will blink.
2. Within 2 minutes, press the Pair button on either TL-PA4220 or TL-PA4010 you have paired. The Power LED will blink.
3. In about 1 minute, all the Powerline LEDs will turn solid.

Q2. How do I reset TL-WPA4220?

With TL-WPA4220 turned on, use a pin to press and hold the Reset button for more than 5 seconds.

The Power LED will be off momentarily before turning solid and the Wi-Fi LED will blink quickly. This indicates that the reset process is completed.

Q3. How do I customize the wireless settings on the web management page?

1. Find the utility on the provided CD (for Windows only) or download it from our official website.
2. Open the utility and click ‘Connect’.
3. Log in to the web management page using the default user name and password (admin/admin).
4. Configure the SSID and set the Wi-Fi security settings.
5. Click ‘Save’ at the page bottom to reboot the extender.

Q4. What can I do if my computer can’t access the Internet after it is connected to a powerline adapter/extender?

Check the following:

1. Connect your computer to the modem or router to test the Internet connection.
2. Make sure the hardware connection is correct.
3. Make sure the Powerline LEDs light up on all of your adapters/extenders. If not, create or join a powerline network by referring to FAQ-Q1.
4. Make sure your computer is set to ‘Obtain an IP address automatically’. If your computer still can’t access the Internet after following these steps, please contact our technical support.

Method 2: Setup via Wi-Fi Clone

Extend the Router’s Wireless Network

1. Plug TL-WPA4220 into a wall socket near your router.

2. Press the WPS button on your router, and within 1 minute, press the Wi-Fi Clone button on your TL-WPA4220.

3. Connect your devices as follows.

   - Make sure the additional devices use factory default settings. If not, please reset them.
   - If the Powerline LEDs do not blink, please follow the instructions in FAQ-Q1.
   - If the Powerline LEDs do not turn solid, please follow the instruction in FAQ-Q1.
   - If the Powerline LEDs do not turn solid, please follow the instruction in FAQ-Q1.

   If the Powerline LEDs do not turn solid, please follow the instruction in FAQ-Q1.

For another TL-WPA4220, follow step 1 and step 2 to complete Wi-Fi Clone.

Read this to install additional devices

1. Press the Pair button on TL-WPA4220. The Power LED will blink.
2. Within 2 minutes, press the Pair button on TL-PA4010. The Power LED will blink.
3. In about 1 minute, all the Powerline LEDs will turn solid.
4. To join an existing powerline network

   1. Press the Pair button on a third powerline device. The Power LED will blink.
   2. Within 2 minutes, press the Pair button on either TL-PA4220 or TL-PA4010 you have paired. The Power LED will blink.
   3. In about 1 minute, all the Powerline LEDs will turn solid.

   Q2. How do I reset TL-WPA4220?

   With TL-WPA4220 turned on, use a pin to press and hold the Reset button for more than 2 seconds.

   The Power LED will turn off momentarily before turning solid and the Wi-Fi LED will blink quickly. This indicates that the reset process is completed.

   If the Powerline LEDs do not turn solid, follow the instruction in FAQ-Q1.

   Q3. How do I customize the wireless settings on the web management page?

   1. Find the utility on the provided CD (for Windows only) or download it from our official website.
   2. Open the utility and click ‘Connect’.
   3. Login to the web management page using the default user name and password (admin/admin).
   4. Configure the SSID and Wi-Fi Security settings.
   5. Click ‘Save’ at the page bottom to extend the extender.

   Q4. What can I do if my computer can’t access the Internet after it is connected to a powerline adapter/extender?

   Check the following:

   1. Connect your computer to the modem or router to test the Internet connection.
   2. Make sure the powerline LEDs light up on all of your adapters/extenders. If not, create or join a powerline network by referring to FAQ-Q1.
   3. Make sure your computer is set to ‘Obtain an IP address automatically’.

   If your computer still can’t access the Internet after following these steps, please contact our technical support.

   AV500

   TL-WPA4220

   TL-WPA4220

   TL-WPA4220

   TL-PA4010

   TL-WPA4220

   TL-PA4010

   AV500

   Installation is completed when all
   of the Powerline LEDs turn solid.

   For more information about the advanced settings, please refer to the User Guide.

   Read this to install additional devices