tp-link

Quick Installation Guide

Applicable Model: RE450

LED Explanation

《台》 (RE)

Solid blue: The extender is connected to your router's wireless network, and is in a suitable location.

Solid red: The extender is experiencing poor signal strength. Try relocating it closer to your router.

Flashing: WPS connection is being established.

Off: No active connection.

2.4GHz/5GHz

On: The extender is connected to the 2.4GHz/5GHz wireless network of your host router.

Off: No wireless connection is established.

POWER

On: The extender is on.

Flashing: The extender is starting up.

Off: The extender is off.
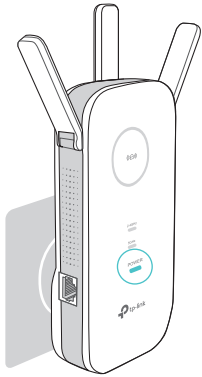
Button Explanation

LED button: To turn all LEDs on or off, press the LED button.

Power button: To turn on or off the extender, press the Power button.

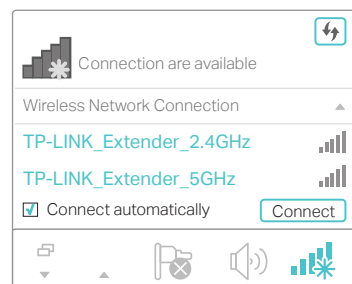
Method ONE   Quick Setup Using a Web Browser

1 Power on

Plug the extender into a power outlet **next to** your router, and wait until the POWER LED is lit and solid blue.
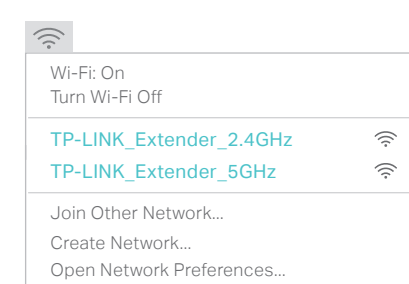
2 Connect to the extender

For Windows Users

Connection are available

Wireless Network Connection

TP-LINK_Extender_2.4GHz

TP-LINK_Extender_5GHz

☑ Connect automatically   Connect

1. Unplug the Ethernet cable from your computer (if any).
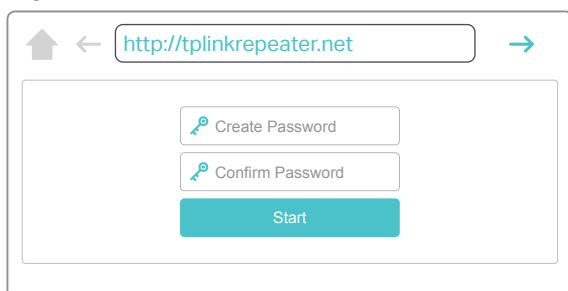2. Click the **Wi-Fi** icon on your taskbar and connect to the extender's network **TP-LINK_Extender_2.4GHz/5GHz**.

or

For Mac OS X Users

Wi-Fi: On
Turn Wi-Fi Off

TP-LINK_Extender_2.4GHz

TP-LINK_Extender_5GHz

Join Other Network...
Create Network...
Open Network Preferences...

1. Unplug the Ethernet cable from your Mac (if any).
2. Click the Wi-Fi icon in the top right corner of the screen, and connect to the extender's network **TP-LINK_Extender_2.4GHz/5GHz**.
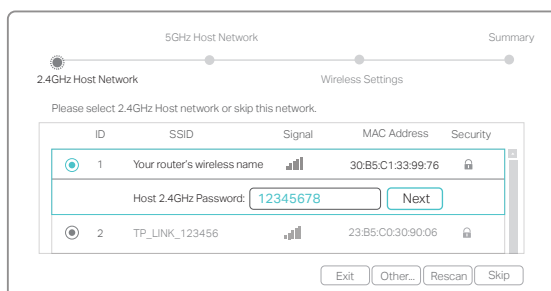
3 Configure

1 Launch a web browser and enter http://tplinkrepeater.net or http://192.168.0.254 in the address bar. Create a password for future login attempts, and click **Start**.

http://tplinkrepeater.net

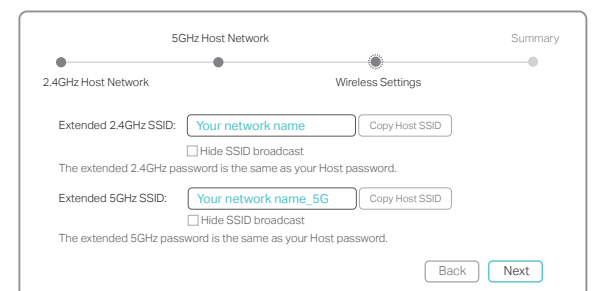🔑 Create Password

🔑 Confirm Password

Start

⚠ If the login window does not appear, please refer to the **FAQ > Q1**.

2 Select your router's 2.4GHz/5GHz host network and enter its password. Then click **Next**.

		5GHz Host Network			Summary
2.4GHz Host Network				Wireless Settings	

Please select 2.4GHz Host network or skip this network.

ID	SSID	Signal	MAC Address	Security
⦿ 1	Your router's wireless name	⊿ll	30:B5:C1:33:99:76	🔒
	Host 2.4GHz Password: 12345678		Next	
⦿ 2	TP_LINK_123456	⊿ll	23:B5:C0:30:90:06	🔒

Exit   Other...   Rescan   Skip

⚠ If your router does not support 5GHz wireless network, please click **Skip** to continue.

3 Either keep the default SSIDs or customize them for the extended networks, and then click **Next**.

		5GHz Host Network			Summary
2.4GHz Host Network				Wireless Settings	

Extended 2.4GHz SSID: Your network name   Copy Host SSID
☐ Hide SSID broadcast
The extended 2.4GHz password is the same as your Host password.

Extended 5GHz SSID: Your network name_5G   Copy Host SSID
☐ Hide SSID broadcast
The extended 5GHz password is the same as your Host password.

Back   Next

4 Verify your wireless settings and click **Save**. The corresponding LED(s) (2.4GHz / 5GHz) should turn on and stay solid.

4 Relocate

1 Plug the extender into a power outlet about halfway between your router and the Wi-Fi dead zone. The location you choose must be within the range of your host network.

2 Wait until the 《台》 LED is **lit and solid blue**. If not, **relocate it closer to the router** to achieve better signal quality.

Router   Host Network   Ideal extender Placement   Extended Network   Device

《台》 Blue Ideal location   《台》 Red Too far away
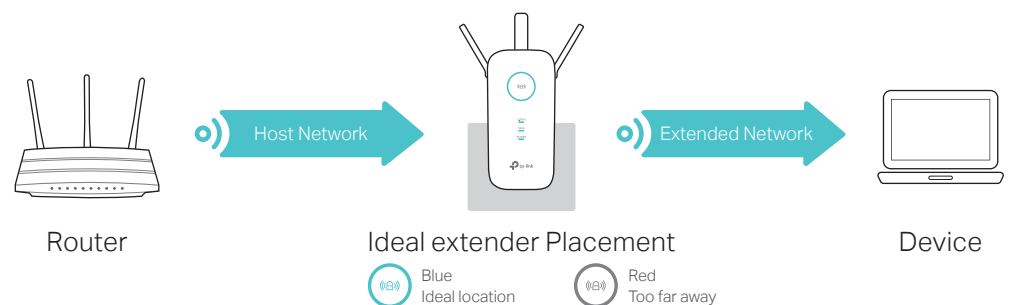

☺ **Enjoy!**   Both extended networks share the **same Wi-Fi passwords** as those of your host networks, but may have **different wireless network names (SSIDs)** if you have customized them during the configuration.

Method TWO Quick Setup Using the WPS Butttton

WPS is an easier way to extend your host network. You are recommended to use this method if your host router has a WPS button. The button might look like one of these: [⟳] | [WPS] | [⟳]. Otherwise, please refer to **Method ONE**.
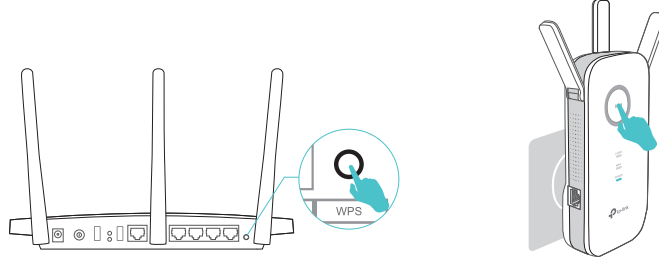
1 Power on

Plug the extender into a power outlet **next to** your router, and wait until the **POWER LED** is lit and solid blue.
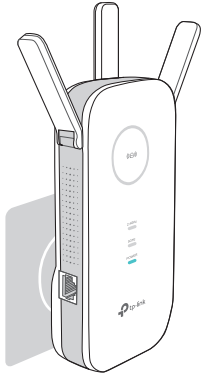
2 Connect

1 Press the **WPS** button on your router, and then press the (((△))) button on the extender within 2 minutes.

The (((△))) LED should change from blinking to a solid state, indicating a successful WPS connection. If not, please refer to Method ONE.
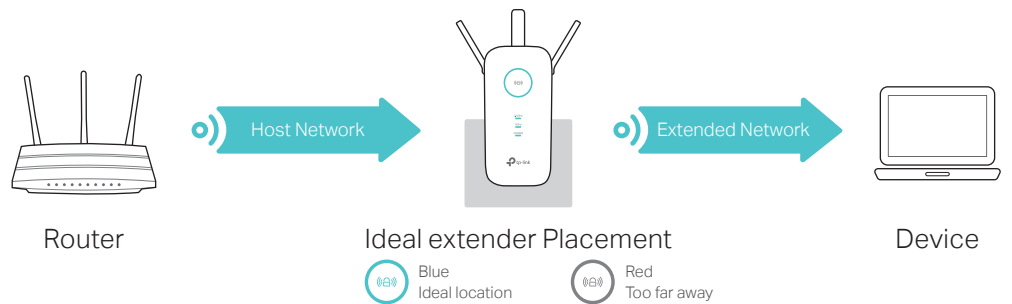
2 If you are connecting the extender to a dual-band router but only the 2.4GHz or 5GHz LED is on, repeat Step 1 to connect to the other band.

> 1. For more information about using WPS on your router, please refer to the router manufacturer's user guide.
> 2. Some ISP gateways disable the WPS function by default. If the WPS method fails, please refer to **Method ONE**.

3 Relocate

1 Plug the extender into a power outlet about halfway between your router and the Wi-Fi dead zone. The location you choose must be within the range of your host network.

2 Wait until the (((△))) LED is **lit and solid blue**. If not, **relocate it closer to the router** to achieve better signal quality.

Router   Host Network   Ideal extender Placement   Extended Network   Device

(((△))) Blue — Ideal location   (((△))) Red — Too far away

☺ Enjoy!

Both extended networks share the **same wireless network names (SSIDs)** and **passwords** as those of your host networks.


Entertainment Adapter

The extender can be used as a wireless adapter to connect any Ethernet-only device such as a Blu-ray player, game console, DVR, or smart TV to your Wi-Fi network.

First, connect the extender to your router using Method ONE or Method TWO. Then connect your Ethernet-only device to the extender via an Ethernet cable.

Smart TV   Game Console   Desktop   Router
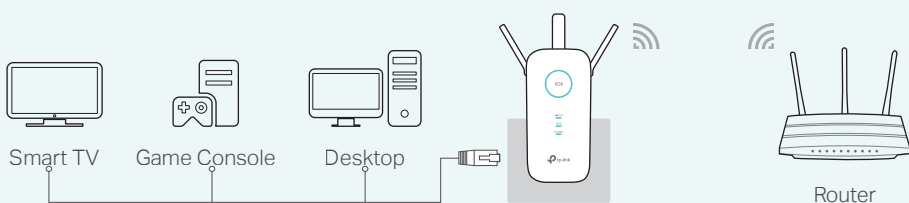
TP-Link Tether App

Tether provides a simple, intuitive way to access and manage your extender from your iOS or Android devices.
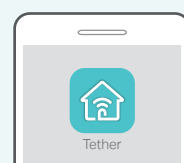
Tether

- 🔧 Set up the extender
- 🔔 Turn on/off the LEDs
- 📶 Modify wireless settings
- 🖥 Block unwelcome devices

How to begin?
1. Download the Tether app from the Apple App Store or Google Play Store.
2. Ensure your device is wirelessly connected to the extender or to the host router.
3. Launch the app and start managing your extended network.

Scan to download

Frequently Asked Questions (FAQ)

Q1. What should I do if I cannot access the extender's web management page?

- If your computer is wirelessly connected, make sure that you have connected to the **extender's SSID**.
- If your computer is connected via an Ethernet cable, please make sure that the connection is stable.
- Make sure your computer is set to obtain an IP address and DNS server address automatically.
- Verify that **http://tplinkrepeater.net** or **http://192.168.0.254** is correctly entered in the web browser and press **Enter**.
- Reset the extender and try again.

  If the problem persists, please refer to the FAQ at **www.tp-link.com** for details.

Q2. How do I restore the extender to its factory default settings?

- With the extender powered on, use a pin to press and hold the **Reset** button until all the LEDs turn on momentarily, and then release the button.

Q3. What should I do if the (((△))) LED does not become solid after completing Method ONE?

- You may have entered the incorrect Wi-Fi password for your host network during the configuration. Please log in to the extender's web management page to check the password and try again.
- If the (((△))) LED still doesn't become solid, please reset the extender and go through the configuration again.

Q4. I have enabled a wireless MAC filter, wireless access control, or access control list (ACL) on my router. What should I do before configuring the extender?

- If you have enabled those features of your host router, you may need to disable them first, and then follow Method ONE or Method TWO to complete the configuration.

📞 For technical support and other information, please visit **http://www.tp-link.com/support**