

# Quick Installation Guide

Applicable Model: **RE450**



## LED Explanation

### Ⓢ (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



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.

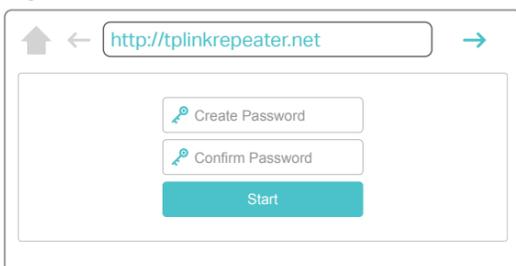
#### For Mac OS X Users



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.

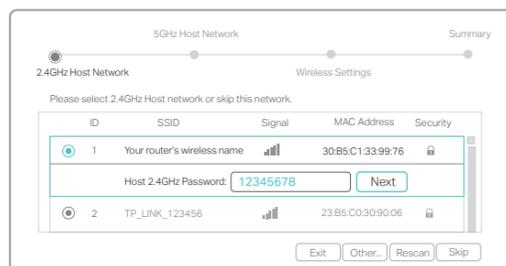
### 3 Configure

- 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**.



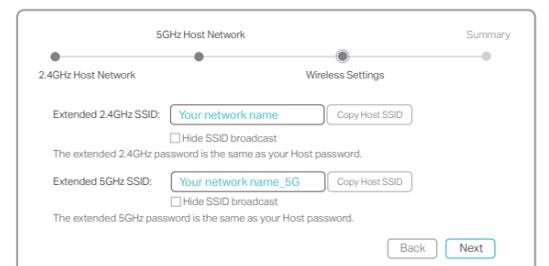
! If the login window does not appear, please refer to the [FAQ > Q1](#).

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



! 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**.



- 4 Verify your wireless settings and click **Save**. The corresponding LED(s) ( / ) 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 **Ⓢ** LED is lit and solid blue. If not, relocate it closer to the router to achieve better signal quality.



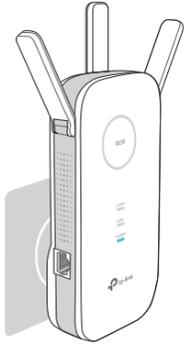
Both extended networks share the **same Wi-Fi passwords** as those of your host networks, but may have **different wireless network names (SSIDs)** if you have customized them during the configuration.

## Method TWO Quick Setup Using the WPS Button

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:   . Otherwise, please refer to **Method ONE**.

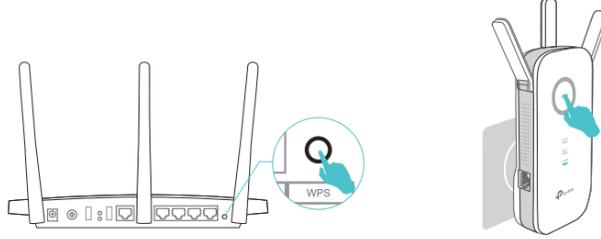
### 1 Power on

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  or  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.



**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.



## TP-Link Tether App

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



Set up the extender



Modify wireless settings



Turn on/off the LEDs



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.

### 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 more instructions, please visit [www.tp-link.com](http://www.tp-link.com) and refer to the extender's **User Guide**.



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

TP-Link hereby declares that this device is in compliance with the essential requirements and other relevant provisions of directives 2014/53/EU, 2009/125/EC and 2011/65/EU. The original EU declaration of conformity may be found at <http://www.tp-link.com/en/ce>. ©2017 TP-Link