tp-link

Quick Installation Guide

Applicable Model: TL-WA820RE

EAC

LED Explanation

(RE LED)

Solid Blue: The extender is connected to the router and is in a good location.

Solid Red: The extender is not connected to any router, or is connected to the router but too far away from it.

Blinking Blue: The extender is connecting to the router.

Blinking Red: The extender is starting up.

Off: The extender is off.

WPS **Option ONE:** Your router supports Wi-Fi Protected Setup (WPS). The WPS button of a router might look like one of these: .
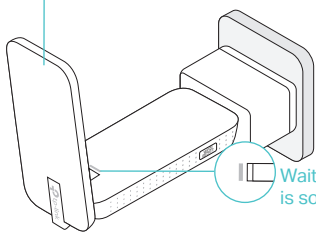
e **Option TWO:** Your router doesn't support WPS or you are not sure if it does.

Option ONE | Quick Setup Using the WPS Button

1 Power on

Plug a USB power adapter into an electrical outlet **close** to your router, and then plug in the extender.
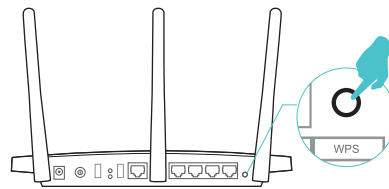
For the best performance, it is recommended to position the antenna upwards.
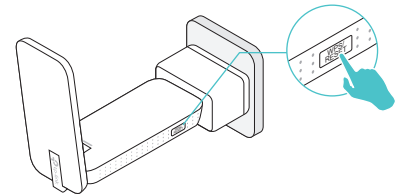

Wait until the RE LED is solid on.

(!) The USB power adatper is not provided by TP-LINK.

2 Connect to the Extender
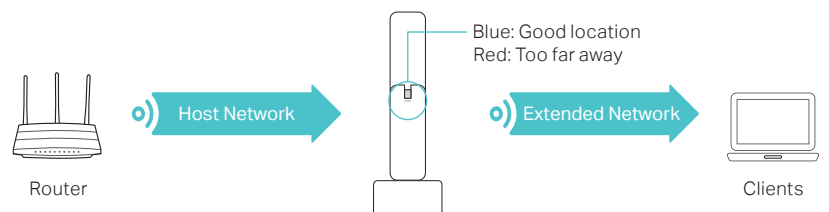
1 Press the WPS button on your router.

2 Press the WPS/RESET button [WPS/RESET] on your extender within 2 minutes. And then wait until the RE LED turns solid on.

(!) 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 Option Two.

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3 Relocate

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

2 Wait until the RE LED ▬ turns **solid blue**. If it doesn't, **relocate the extender closer** to the router to achieve a better signal quality.

If the LED still doens't turn solid blue, please refer to FAQ > Q3.

Blue: Good location
Red: Too far away

Router → Host Network → Extended Network → Clients

☺ Enjoy!

The extended network shares the same wireless network name and password as those of your host network.

Network name: MyHome | Network name: MyHome
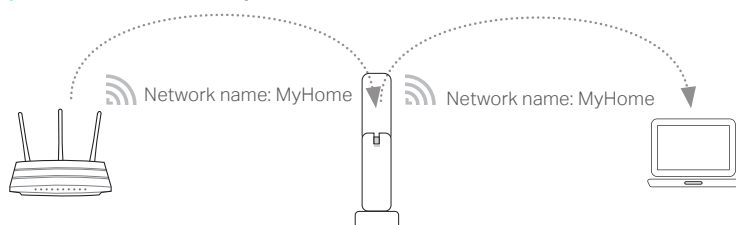
TP-LINK Tether App

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

Tether

- Set up the extender
- 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.
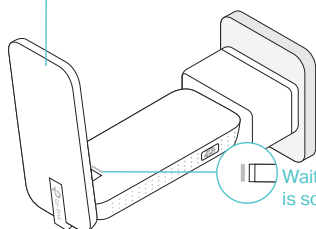3. Launch the app and start managing your extended network.

Scan to download

1 Power on

Plug a USB power adapter into an electrical outlet **close** to your router, and then plug in the extender.

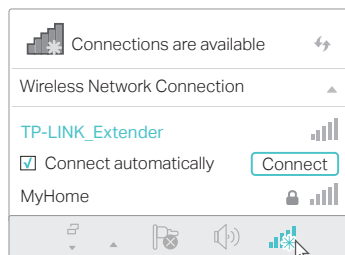For the best performance, it is recommended to position the antenna upwards.

Wait until the RE LED is solid on.

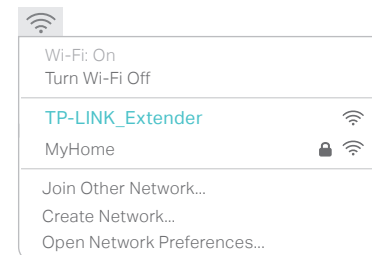(!) The USB power adatper is not provided by TP-LINK.

2 Connect to the extender

For Windows Users

Connections are available

Wireless Network Connection

TP-LINK_Extender

☑ Connect automatically   Connect

MyHome

1. Unplug the Ethernet cable from your computer (if any).
2. Click the Wi-Fi icon on the taskbar and connect to the extender's network **TP-LINK_Extender**.
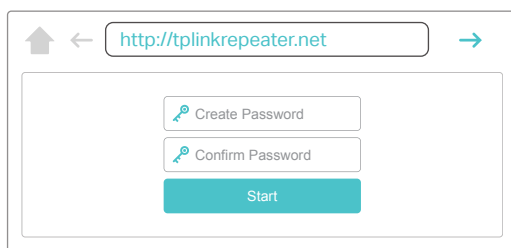
For Mac OS X Users

Wi-Fi: On
Turn Wi-Fi Off

TP-LINK_Extender

MyHome

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**.
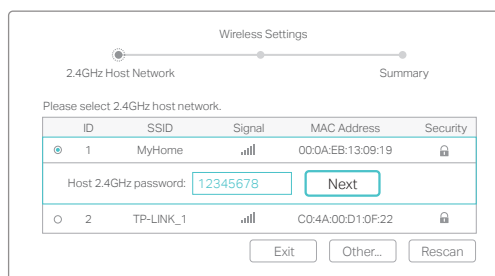
3 Configure

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
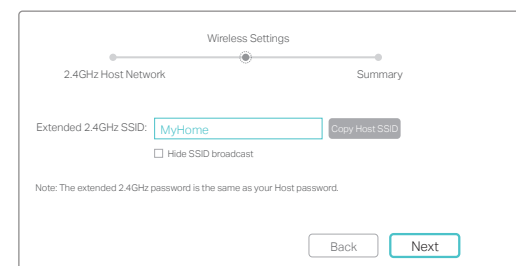🔑 Confirm Password

Start

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

2 Select your **router's 2.4GHz network** and enter its wireless password (NOT the password you just created for the login of web management page). And then click **Next**.

Wireless Settings

2.4GHz Host Network   Summary

Please select 2.4GHz host network.

	ID	SSID	Signal	MAC Address	Security
⦿	1	MyHome		00:0A:EB:13:09:19	🔒

Host 2.4GHz password: 12345678   Next

| ○ | 2 | TP-LINK_1 | | C0:4A:00:D1:0F:22 | 🔒 |

Exit   Other...   Rescan

3 Either keep the default SSID or customize it for the 2.4GHz extended network, and then click **Next**.

Wireless Settings

2.4GHz Host Network   Summary

Extended 2.4GHz SSID: MyHome   Copy Host SSID

☐ Hide SSID broadcast

Note: The extended 2.4GHz password is the same as your Host password.

Back   Next

4 Verify your wireless settings and click **Save**.

4 Relocate

Flip this piece of paper, and refer to Step 3 of **Option ONE**.

☺ Enjoy!

The extended network shares the same wireless password as that of your host network, but may have a different wireless network name if you have customized it during the configuration.

FAQ(Frequently Asked Questions)

Q1. What should I do if I can't access the extender's web management page after entering http://tplinkrepeater.net?

- Make sure your computer is connected to the extended network.
- Make sure your computer is set to obtain an IP address and DNS server address automatically.
- Use the IP address to access the extender. The default IP is 192.168.0.254. If the extender is connected to the router, you should go to your router's DHCP client list to obtain the extender's current IP address.
- Reset the extender and connect to its wireless network. Enter http://tplinkrepeater.net or http://192.168.0.254 in the web browser and press **Enter**.

Q2. How can I reset the extender?

- With the extender powered on, press and hold the WPS/RESET button ⬚WPS/RESET for more than 5 seconds until the RE LED ▬ turns off momentarily, and then release the button.
  Note: After the extender restarts, you need to configure it again by following Option ONE or Option TWO.

Q3. Why doesn't the RE LED ▬ turn solid blue ?

- If you failed to connect the extender to the router using web browser, you may have entered an incorrect Wi-Fi password for your host router during the configuration. Log in to the extender's web management page to check the password and try again.
- The extender may be out-of-range. Please move it **closer** to the router. If the RE LED still doesn't turn solid blue, reset the extender and then go through the configuration again.

Q4. What should I do if I forgot the password of the extender's web management page?

- Refer to FAQ > Q2 to reset the extender and then visit http://tplinkrepeater.net to creat a new login password.

If your questions are not listed here, please refer to the extender's **Support** page at www.tp-link.com.