tp-link

Quick Installation Guide

Applicable Model: RE200

LED Explanation

2.4G/5G
Solid Green: The extender is connected to the 2.4GHz/5GHz wireless network of your host router and is in a suitable location.
Solid Red: The extender is experiencing poor signal strength. Please try relocating it closer to your host router.
Off: No wireless connection is established.

(Wireless Signal)

On: The extender's wireless function is enabled.
Off: The extender's wireless function is disabled.

(Ethernet)
On: A powered-on device is connected to the Ethernet port.
Flashing: The Ethernet port is sending or receiving data.
Off: No powered-on device is connected to the Ethernet port.

(Power)
On: The extender is on.
Off: The extender is off.

(RE)
On: WPS connection is established.
Flashing: WPS connection is being established.
Off: No active connection.
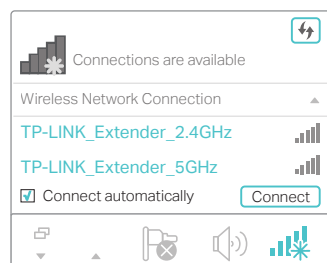

Method ONE   Quick Setup Using a Web Browser

1   Power on

Plug your extender into a power outlet **next to** your router.

> Wait until the ⏻ and 🛜 LEDs light up.

2   Connect to the extender

For Windows Users

Connections are available

Wireless Network Connection

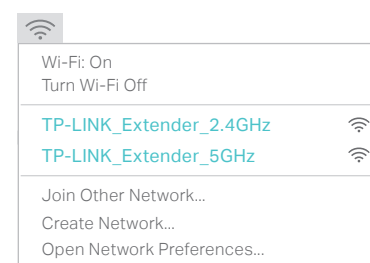TP-LINK_Extender_2.4GHz
TP-LINK_Extender_5GHz
☑ Connect automatically   Connect

1. Unplug the Ethernet cable from your computer (if any).
2. Click the **Wireless Network Connection** 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...

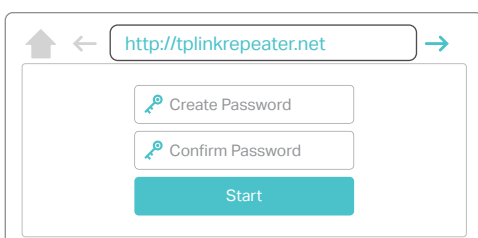1. Unplug the Ethernet cable from your Mac (if any).
2. Click the Wi-Fi icon in the top right corner of the screen, and connect to the extender's network TP-LINK_Extender_2.4GHz/5GHz.
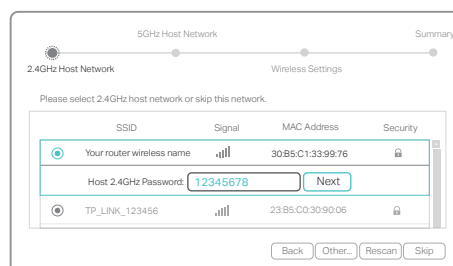
3   Configure

1 Launch a web browser, type 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
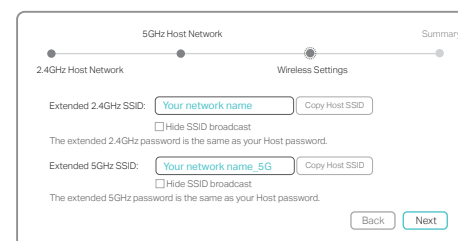🔑 Confirm Password
Start

> ⚠ 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.

	SSID	Signal	MAC Address	Security
◉	Your router wireless name		30:B5:C1:33:99:76	🔒
	Host 2.4GHz Password: 12345678		Next	
◉	TP_LINK_123456		23:B5:C0:30:90:06	🔒

Back   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 **Finish**. The corresponding LED(s) (2.4G/5G) should light up.

4   Relocate

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

2 Wait for the extender to reconnect and the 2.4G/5G LED should turn **green**. If not, **relocate it closer to the router** to achieve better signal quality.

Router   ))) Host Network   Ideal Extender Placement   ))) Extended Network   Device

---

☺ **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 (RE) 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: 🔘 | WPS | 🔘 . Otherwise, please refer to Method ONE.
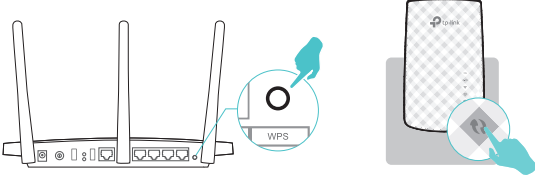
1 Power on

Plug the extender into a power outlet **next to** your router.

Wait until the ⏻ and 📶 LEDs light up.

2 Connect

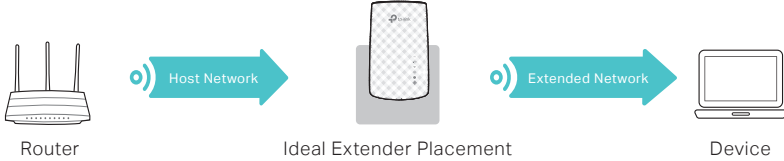1 Press the WPS button on your router, and then press the 🔷 button on your extender within 2 minutes.

The 🔷 LED should go from flashing to solid, indicating that WPS connection was successful, and then it will go off in 5 minutes.

2 If you are connecting the extender to a dual-band router but only the 2.4G or 5G LED is on, repeat Step 1 to connect 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 connection fails, please refer to Method ONE.

3 Relocate

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

2 Wait for the extender to reconnect and the 2.4G/5G LED should turn **green**. If not, **relocate it closer to the router** to achieve better signal quality.

Router → Host Network → Ideal Extender Placement → Extended Network → Device

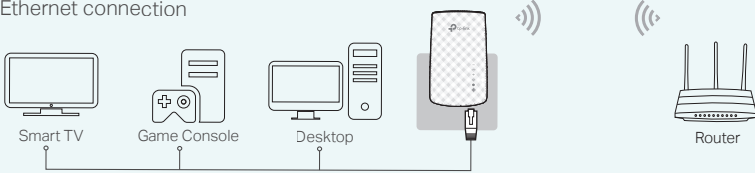## ☺ Enjoy!

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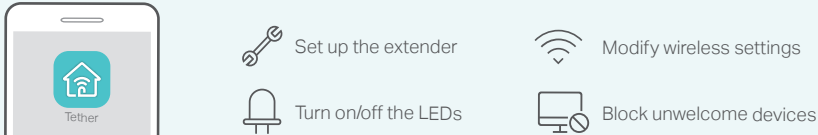
Entertainment Adapter

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.

Ethernet connection

Smart TV   Game Console   Desktop   Router

TP-Link Tether App

Tether provides a simple, intuitive way to access and manage your extender with 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 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 web management page of the extender?
- 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 reset the extender?
- With the extender powered on, use a pin to press the RESET button. Wait for 2 seconds until all the LEDs turn off momentarily.

Q3. Why doesn't the 2.4G/5G LED turn solid green (or red) after I completed Method ONE?
- You may have entered the incorrect Wi-Fi password of your host network during the configuration. Please log in to the extender's web management page to check the password and try again.
- 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 and refer to the extender's User Guide.

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