TP-LINK®
The Reliable Choice

Quick Installation Guide

Applicable Model:

RE450 ГдС
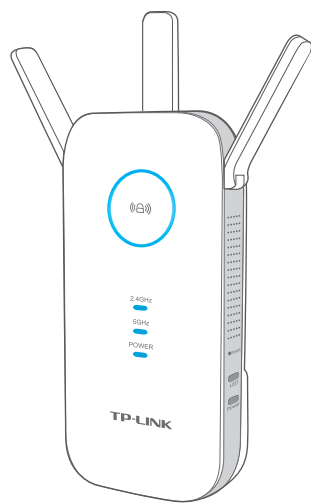
LED Explanation

((A)) (RE)

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

Solid red: The extender is connected to the router, but is too far away from the router.

Blinking: WPS connection is in process.

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 connection.

POWER

On: The extender is on.

Blinking: The extender is initializing.

Off: The extender is off.
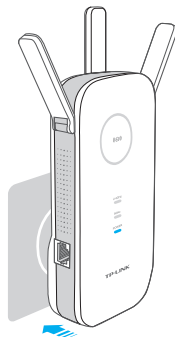
Button Explanation

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.

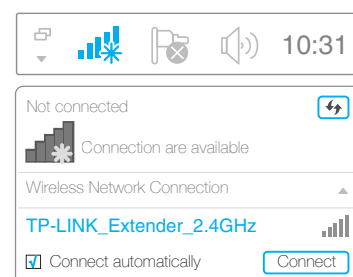## Option ONE   Using a Web Browser

1 Power on

Plug the extender into an electrical outlet near your router, and wait until the **POWER LED** is lit and solid blue.
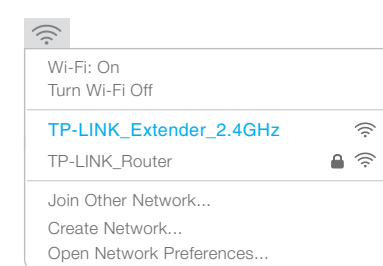
2 Connect to the extender

For Windows Users

		10:31

Not connected

Connection are available

Wireless Network Connection

TP-LINK_Extender_2.4GHz

☑ Connect automatically   [Connect]

1. Unplug the Ethernet cable from your computer (if any).

2. Click the **Wireless Network Connection** icon on your taskbar.

3. Click the **refresh** icon ↯ and connect to the extender's network (e.g. 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_Router

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 (e.g. TP-LINK_Extender_2.4GHz/5GHz).
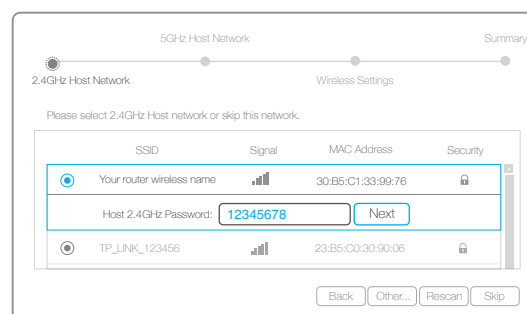
3 Configure

1 Launch a web browser and type **http://tplinkrepeater.net** in the address bar. Enter **admin** (all lowercase) for both Username and Password to log in.

http://tplinkrepeater.net →

admin
admin
[Login]
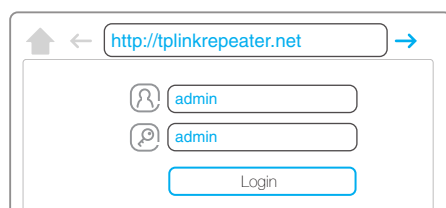
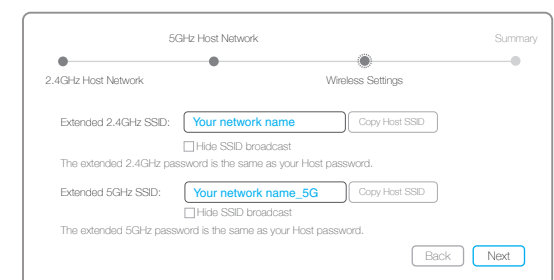❶ If the log in window does not pop up, please refer to the **FAQ > Q1**.

2 Create an account for secure management purpose, and then click **Confirm**.

3 Select your router's 2.4GHz/5GHz host network and enter the 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]

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

4 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]

5 Verify your wireless settings and click **Save**. Corresponding LEDs (2.4GHz/ 5GHz) should turn on and stay solid.
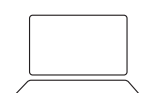
4 Relocate

1 Plug the extender into an electrical 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 ((A)) LED is lit and solid blue. If not, relocate it closer to the router to achieve better signal quality.

Host Network →   Extended Network →

Ideal extender Placement

Blue   Ideal location
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** if you have customized them during the configuration.

Option TWO — Using WPS (Wi-Fi Protected Setup)

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 **Option ONE**.
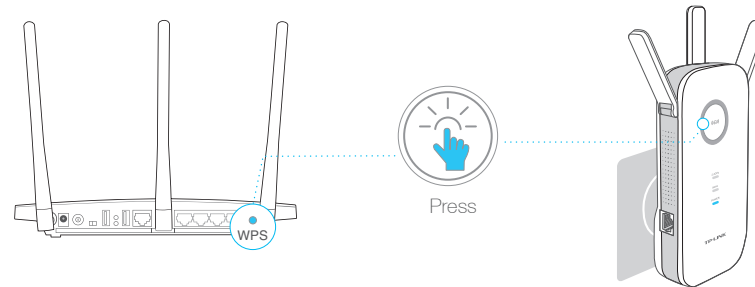
1 Power On

Plug the extender into an electrical outlet near your router, and wait until the **POWER LED** is lit and solid blue.
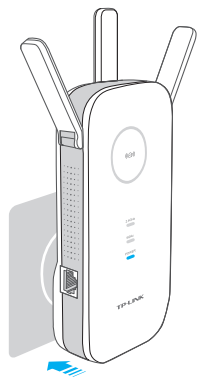
2 Connect

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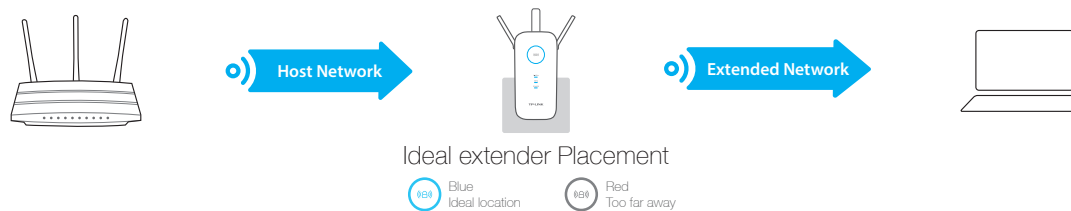
Press

The ((🔒)) LED should change from blinking to a solid state, indicating a successful WPS connection.
If not, please use Option ONE.

2 If you are connecting the extender to a dual-band router but only 2.4GHz or 5GHz LED is on, repeat Step 1 to connect the other band.

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

3 Relocate

1 Plug the extender into an electrical 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.

Host Network → → Extended Network →

Ideal extender Placement
🔵 Blue — Ideal location   ⚫ Red — Too far away

☺ Enjoy!

Both extended networks share the **same SSIDs (network names)** 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 Option ONE or Option TWO. Then connect the extender to your Ethernet-only device via an Ethernet cable.

Smart TV   Game Console   Desktop   Router
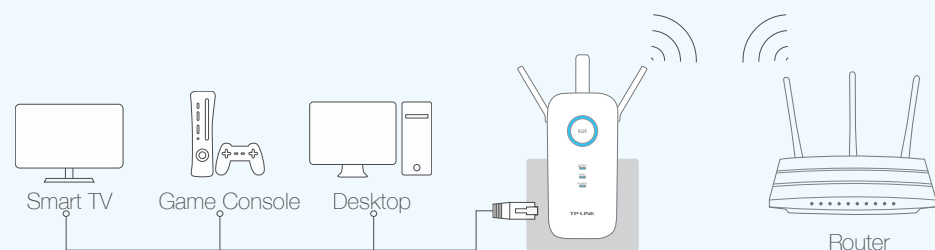
TP-LINK Tether App

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

TP-LINK Tether

📄 Setup the extender   📶 Modify current settings
💡 Turn on/off LED   🖥 Block unwelcome devices
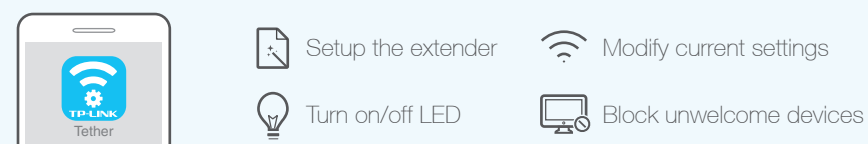
How to begin?
1. Download the Tether app from the App Store or Google Play.
2. Ensure your device is wirelessly connected to the extender or to the host router.
3. Launch the app and start managing your extended network.

Scan to download


Frequently Asked Questions (FAQ)

Q1. What should I do if I cannot access the extender's web management page?
A1. 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.
A2. Make sure your computer is set to obtain an IP address and DNS server address automatically.
A3. Verify that http://tplinkrepeater.net is correctly entered in the web browser and press **Enter**.

Q2. What should I do when the ((🔒)) LED is on, but only one band is connected?
A. It depends on your router's capabilities. If you are connecting to a dual-band router but only 2.4GHz or 5GHz LED is on, press the WPS button on the router and on the extender again to connect the other band.

Q3. What should I do if the ((🔒)) LED does not change to solid after completing Option ONE?
A1. You may have entered the incorrect Wi-Fi password of your host network during the configuration. Please log into the extender's web management page to check the password and try again.
A2. If the ((🔒)) LED still doesn't change to solid, please reset the extender and go through the configuration again.

Q4. How do I restore the extender to its factory default settings?
A. 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.