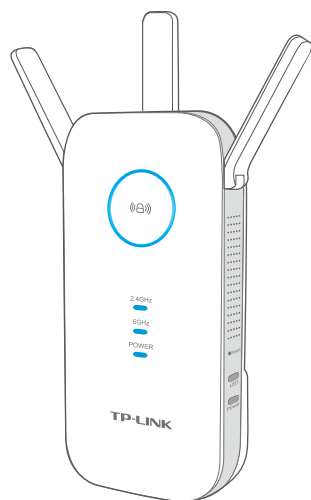# TP-LINK®
The Reliable Choice

Quick Installation Guide

Applicable Model:

RE450 [EAC]

e **Option ONE:** Using a Web Browser
WPS **Option TWO:** Using WPS (Wi-Fi Protected Setup)

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 network.
Off: No connection.

POWER
On: The extender is on.
Blinking: The extender is initializing.
Off: The extender is off.

Button Explanation

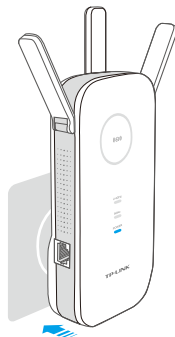**LED button**: To turn all LEDs on or off, press the LED button.
Power button: To turn on or off the extender, press the Power button.

7106505765   REV1.1.0

©2015 TP-LINK

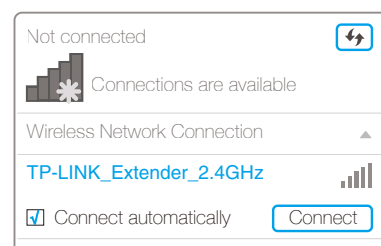# Option ONE   Using a Web Browser

1 Power on

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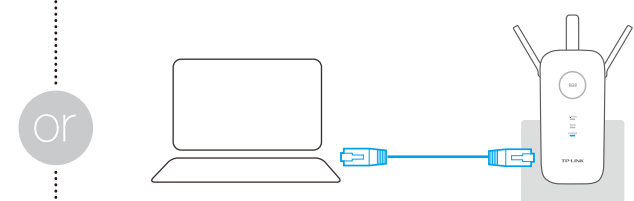
2 Connect to the extender

..ull via Wireless

Not connected
Connections are available
Wireless Network Connection
TP-LINK_Extender_2.4GHz
☑ Connect automatically   Connect

1. Disconnect the Ethernet (wired) connection to your computer.
2. Click the Wi-Fi icon on the taskbar and connect to the extender's network :
   TP-LINK_Extender_2.4GHz or _5GHz.

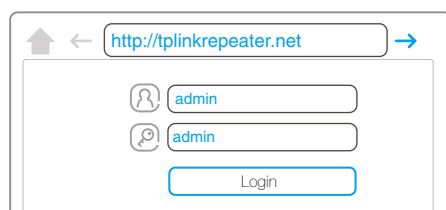### or   via Ethernet Cable

1. Disable the Wi-Fi on your computer.
2. Connect the extender to your computer via an Ethernet cable.

3 Configure

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

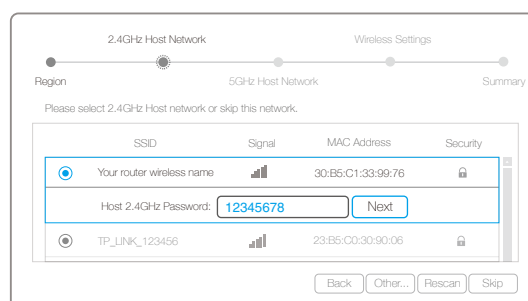http://tplinkrepeater.net
admin
admin
Login

! If the log in window does not pop up, please refer to the **FAQ > Q1**.

2 Create a new username and password to log in the web management page, then click **Confirm**.
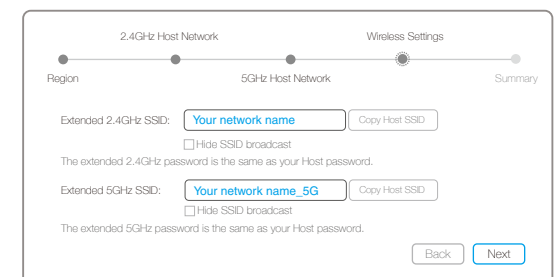
3 Select your **country/region**, then click **Next**.

4 Select your router's 2.4GHz or 5GHz host network and enter the password, then click **Next**.

2.4GHz Host Network   Wireless Settings
Region   5GHz Host Network   Summary
Please select 2.4GHz Host network or skip this network.

SSID	Signal	MAC Address	Security
⦿ Your router wireless name	..ull	30:B5:C1:33:99:76	🔒
Host 2.4GHz Password: 12345678	Next		
◯ TP_LINK_123456	..ull	23:B5:CD:30:90:06	🔒

Back   Other...   Rescan   Skip

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

5 You can customize the Extended 2.4GHz and 5GHz SSIDs or use the same as your host network (default), then click **Next**.

2.4GHz Host Network   Wireless Settings
Region   5GHz Host Network   Summary
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

6 Verify your wireless settings and click **Finish**. 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(Host Network) and the Wi-Fi dead zone.

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

Host Network   Extended Network

Ideal extender Placement
ᴿᴱ Blue Ideal location   ᴿᴱ Red Too far away

☺ **Enjoy!** Both extended networks share the same Wi-Fi password as your host network, but may have different wireless network names if you customize the names during the configuration.
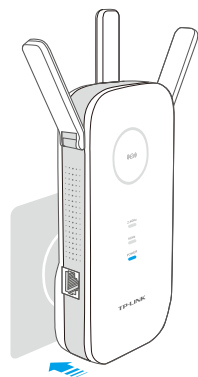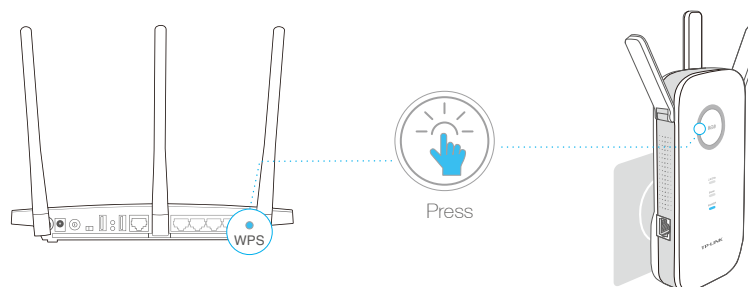
1 Power On

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

2 Connect

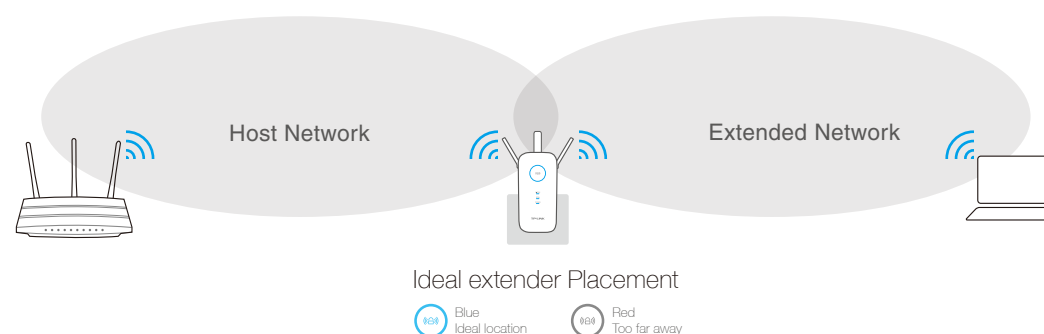1 Press the **WPS** button on your router, and then press the ((⧄)) button on the extender.

Press

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

WPS

ⓘ For more information about using WPS on your router, please refer to the router manufacturer's user guide.

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

3 Relocate

1 Plug the extender into an electrical outlet about halfway between your router(Host Network) and the Wi-Fi dead zone.

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

Host Network   Extended Network

Ideal extender Placement

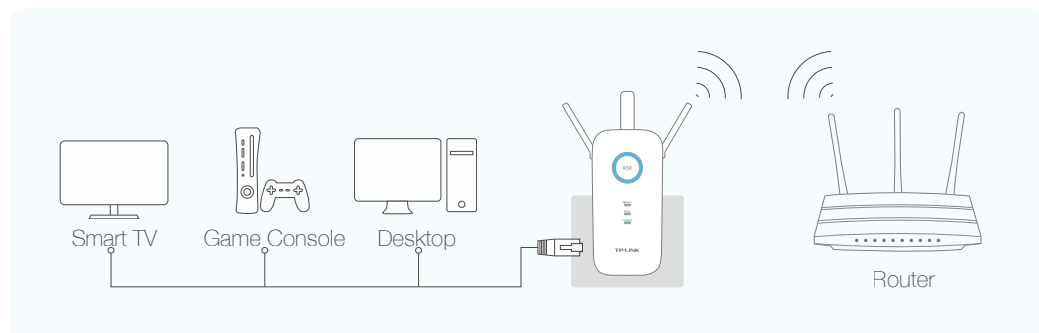RSSI Blue Ideal location   RSSI Red Too far away

☺ Enjoy!

Both extended networks share the same SSID (network name) and password as your host network.
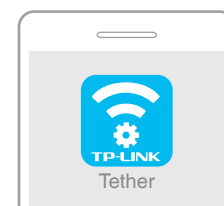
Entertainment Adapter

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 app provides a simple, intuitive way to access, manage your extender using your iOS or Android devices.

TP-LINK
Tether

Do initial configuration of your extender

Change the basic extended network settings

Turn off the LED at the specific time

Block network access from specific devices

How to begin?

1. Scan the QR code or search the keywords "TP-LINK Tether" to download the app from the App Store or Play Store.
2. Ensure your smart device is wirelessly connected to the extender.
3. Launch the app and start managing your extended network.

Frequently Asked Questions (FAQ)

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

A1. Make sure your computer is connected to the Extended network SSID or connect your computer to the extender using an Ethernet cable.

A2. Change the computer's fixed IP address to "Obtain an IP 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 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 reconnect the other band.

Q3. What should I do if the ((⧄)) LED does not change to solid after completing Option ONE?

A. You may have entered the incorrect Wi-Fi password of your host network during the configuration. Please log into the extender's web-based interface to check the password and try again.

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

A. While the extender is powered on, press and hold the **Reset** button until all the LEDs turn on momentarily.