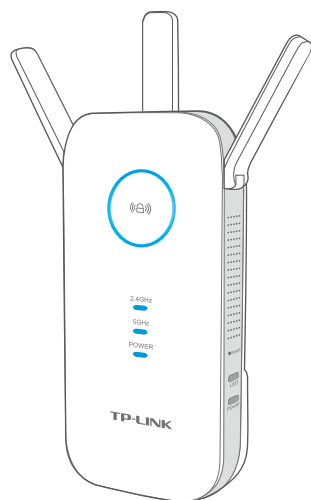# TP-LINK®
The Reliable Choice

# Quick Installation Guide

Applicable Model:

**RE450** EHC

e **Option 1:** Using a Web Browser
WPS **Option 2:** Using WPS (Wi-Fi Protected Setup)

## LED Explanation

### ((A)) (RE)

**Solid blue:** The extender has established a secure connection, and the signal strength is adequate.

**Solid red:** The extender has established a secure connection, but the signal strength is too weak.

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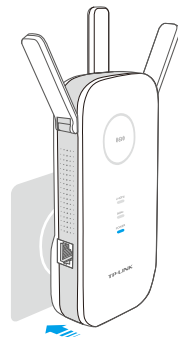**Power button**: To turn on or off the extender, press the Power button.

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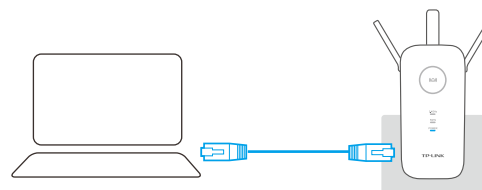## Option 1 — Using a Web Browser

### 1 Power on

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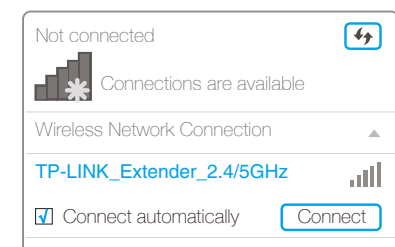
### 2 Connect to the extender

#### via Ethernet Cable

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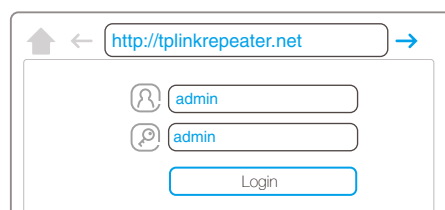2. Connect the extender to your computer via an Ethernet cable.

or

#### via Wireless

Not connected
Connections are available
Wireless Network Connection
TP-LINK_Extender_2.4/5GHz
☑ 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_2.4/5GHz.

### 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.
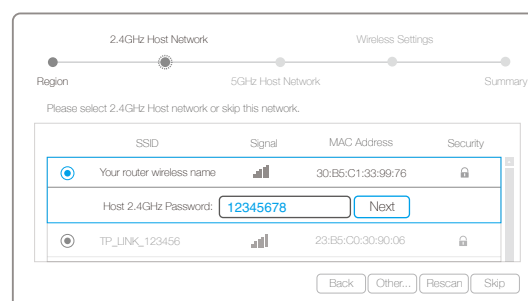
http://tplinkrepeater.net →
admin
admin
Login

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

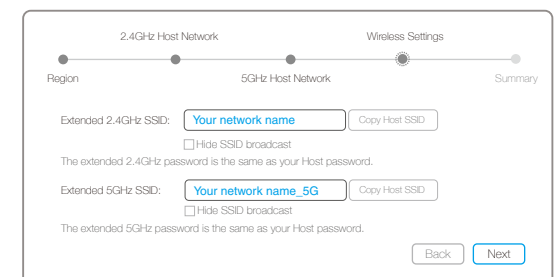② **Create a new username and password** to log in the web management page, then click **Confirm**.

③ Select your **country/region**, then click **Next**.

④ Select your router's **2.4GHz/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 | | 30:B5:C1:33:99:76 | |
| Host 2.4GHz Password: 12345678    Next | | | |
| ○ TP_LINK_123456 | | 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.
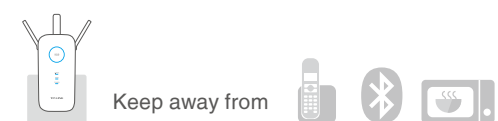
### 4 Relocate

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

! Choose a location away from Bluetooth devices and other household electronics, such as cordless phone, microwave, and baby monitor, etc., to minimize signal interference.

Keep away from

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😊 **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.
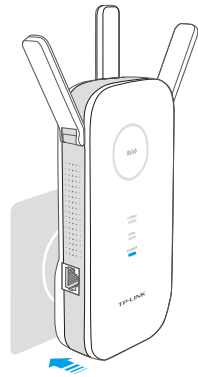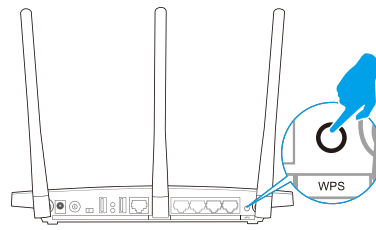
## 1 Power On

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.

② Press the (((⊖))) button on your extender.

The (((⊖))) LED should change from blinking to a solid state, indicating that WPS connection was successful.
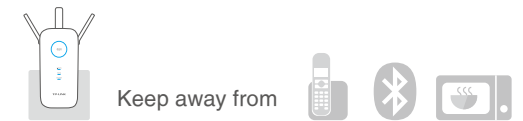If not, please use Option 1.

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

If the (((⊖))) LED is on, but only 2.4GHz/5GHz host network is connected, please refer to the **FAQ > Q2**.

## 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

Choose a location away from Bluetooth devices and other household electronics, such as cordless phone, microwave, and baby monitor, etc., to minimize signal interference.
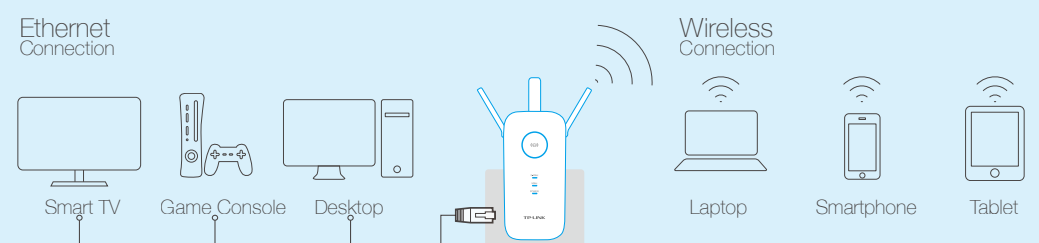
Keep away from

## ☺ 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 1** or **Option 2**, then connect the extender to your Ethernet-only device via an Ethernet cable.

Ethernet Connection

Wireless Connection

Smart TV    Game Console    Desktop

Laptop    Smartphone    Tablet

## 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 1?**

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.