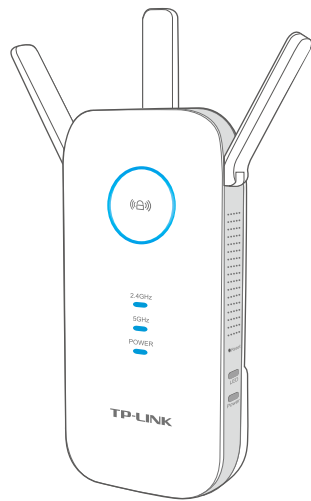# TP-LINK®
The Reliable Choice

Quick Installation Guide

Applicable Model:

RE355 〔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 too far away from the router.
Blinking: WPS connection is in progress.
Off: No active connection.

2.4GHz/5GHz
On: The extender is connected to both 2.4GHz and 5GHz Wi-Fi bands of your host network.
Off: No connection.

Power
On/Off: The extender is on/off.
Blinking: The extender is initializing.
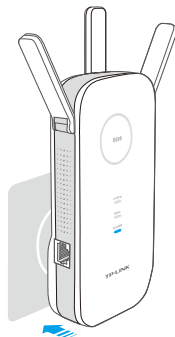
Button Explanation

LED button: Press the LED button to turn all LEDs on or off.
Power button: Press the Power button to turn the extender on or off.

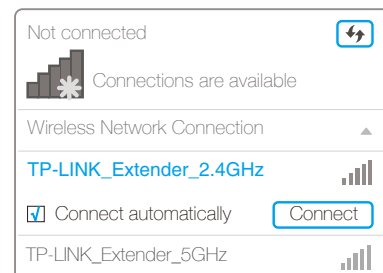## Option ONE — Using a Web Browser

1 Power on

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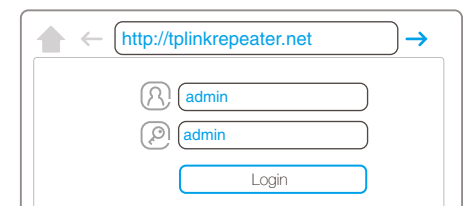
2 Login

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

> Not connected
> Connections are available
> Wireless Network Connection
> TP-LINK_Extender_2.4GHz
> ☑ Connect automatically   [Connect]
> TP-LINK_Extender_5GHz

② 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.
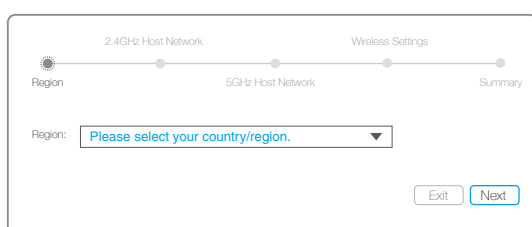
> http://tplinkrepeater.net
> admin
> admin
> [Login]

> ! If the login window does not pop up, please refer to the **FAQ > Q1**.
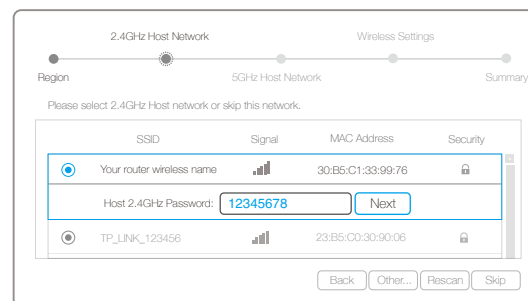
3 Configure

① **Create a new username and password** to log in the web-based interface, then click **Confirm**.

② Select your **country/region**, then click **Next**.

> 2.4GHz Host Network   Wireless Settings
> Region   5GHz Host Network   Summary
> Region: Please select your country/region. ▼
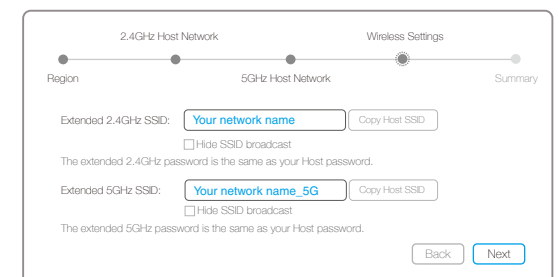> [Exit] [Next]

> ! Per FCC regulations, all Wi-Fi products marketed in the U.S. are fixed to the U.S. region.

③ Select your router's **2.4GHz and 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:C0:30:90:06
> [Back] [Other...] [Rescan] [Skip]

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

④ Either keep the same SSIDs as your host network or create new names for the extended networks, 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]

⑤ Verify your wireless settings and click **Finish**. The Corresponding LEDs (2.4GHz and 5GHz) should turn on and stay solid, indicating successful connections.
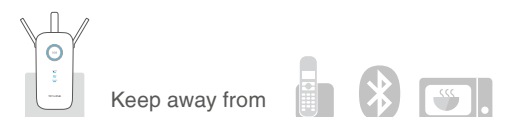
4 Relocate

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 with a solid blue. If not, **relocate the extender closer to the router** to achieve a good (or better) signal quality.

Host Network   Extended Network

Ideal Extender Placement
○ Blue: Ideal location ○ Red: Too far away

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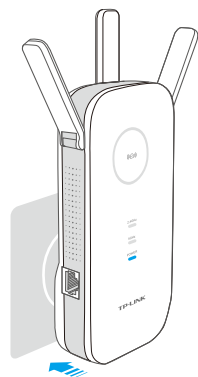>
> Keep away from

☺ **Enjoy!** Both 2.4GHz and 5GHz 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.
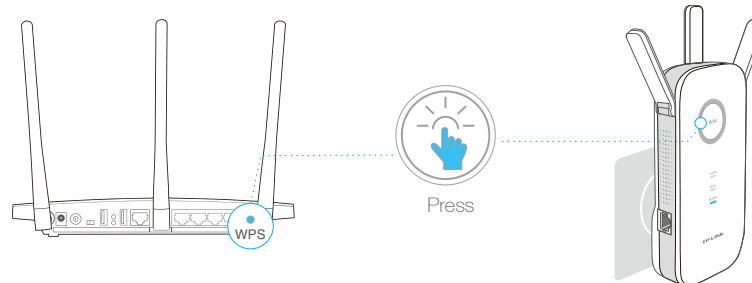
1 Power On

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.

⚠ Some ISP gateways disable the WPS function by default, if the WPS method fails, please use Option ONE.
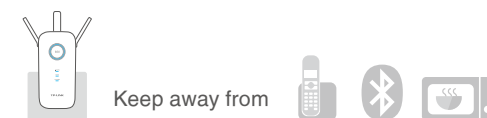
② If you are connecting to a dual-band router, but only 2.4GHz or 5GHz LED is on, please repeat step ① to reconnect the other band.

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 with a solid blue. If not, **relocate the extender closer to the router** to achieve a good (or better) signal quality.

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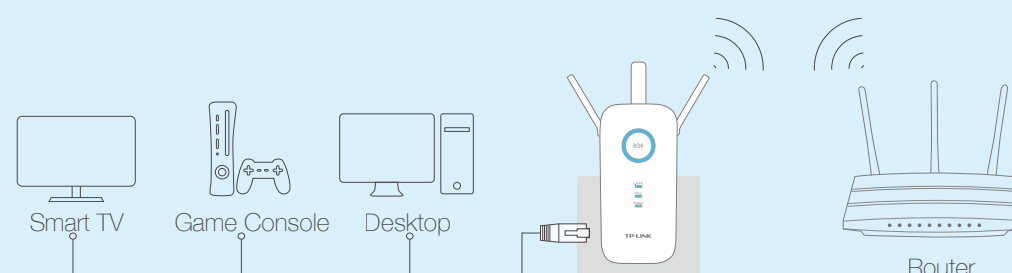
Keep away from

Host Network   Extended Network

Ideal Extender Placement
◯ Blue: Ideal location   ◯ Red: Too far away

☺ Enjoy!

Both 2.4GHz and 5GHz 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

Frequently Asked Questions (FAQ)

Q1. What do I do if I cannot access the extender's web-based interface?

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

A2. Make sure your computer is set 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 I cannot connect the extender via WPS?

A. Some dual-band routers may be trouble connecting to the extender via WPS. If you experience connection issues, we recommend that you use the extender's web-based interface.

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-based interface to check the password and try again.

A2. Please reset the extender and go through the configuration 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.