

# Quick Installation Guide

TL-WA854RE

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



7106505983 REV2.1.0

## LED Explanation

### RE

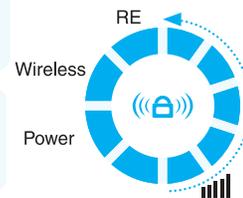
**On:** The extender is connected to the router.  
**Blinking:** WPS connection is in process.  
**Off:** The extender is not connected to the router.

### Wireless

**On/Off:** The extender's wireless function is on or off.

### Power

**On/Off:** The extender is powered on or off.



(Signal Strength)

Indicates the Wi-Fi connection between the extender and the router. More lit LEDs indicate a better signal strength.

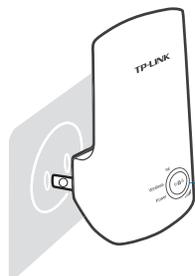
## Option ONE

## Using WPS (Wi-Fi Protected Setup)

Your router should support WPS. Otherwise, please use Option TWO.

### 1 Power on

Plug in next to your router.

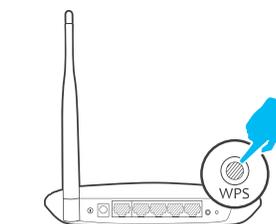


Wait until the Wireless LED changes to solid 'on'.

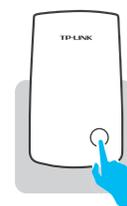


### 2 Connect

① Press the WPS button on your router.



② Press the ((A)) button.



③

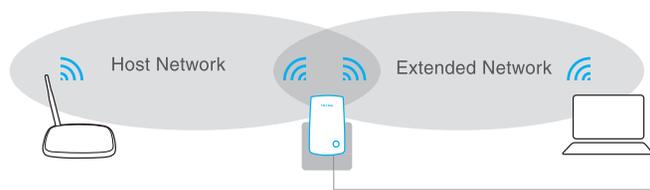
The RE LED should go from blinking to solid 'on'.



- 1. Some ISP gateways disable the WPS function by default, if the WPS method fails, please use **Option TWO**.
- 2. If the RE LED does not go from blinking to solid 'on', please use **Option TWO**.

### 3 Relocate

① Plug in the extender halfway between your router and the Wi-Fi dead zone.



② Wait until the (Signal Strength) LEDs are lit. Make sure the extender is in a location with **3 or more LEDs lit**. If not, **relocate it 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.

## Enjoy!

The extended network shares the same SSID (network name) and password as your host network.

## Frequently Asked Questions (FAQ)

### Q1. What should I do if my router doesn't have a WPS button?

A: Please use **Option TWO** to set up the extender.

### Q2. Why the RE LED doesn't light up after I completed Option TWO?

A1: You may have typed in the router's wireless password incorrectly, please log in and verify the wireless password.

A2: The extender may be out-of-range, please move it closer to the router.

### Q3. Why can't I see the login page after entering <http://tplinkrepeater.net> in the browser?

A1: Make sure your computer is connected to extender's network.

A2: Make sure your computer is set to obtain an IP address automatically.

### Q4. How do I reset the extender?

A: While the extender is powered on, use a pin to press the RESET button until all the LEDs turn on momentarily, then release the button.

# 1 Power on

Plug in next to your router.

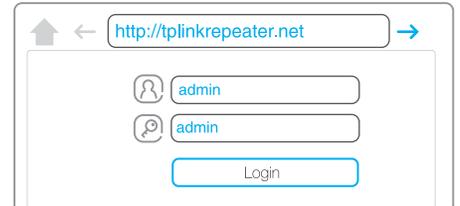


# 2 Login

① Disconnect your Ethernet (wired) connection to your computer. Click the Wi-Fi icon on the taskbar and connect to the extender's network (e.g. TP-LINK\_Extender\_XXXXXX).



② Launch a web browser and type **http://tplinkrepeater.net** into the URL field and use **admin** (all lowercase) for both Username and Password to log in.



ⓘ If the login window does not pop up, please refer to the FAQ > Q3.

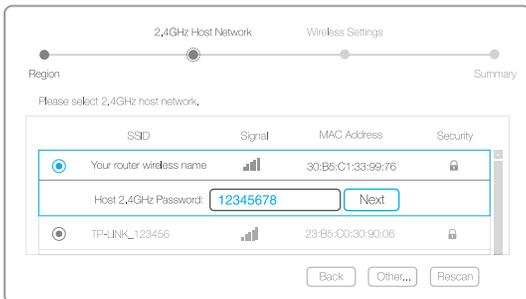
# 3 Configure

① Create a new username and password to log in the web management page, then click **Confirm**.

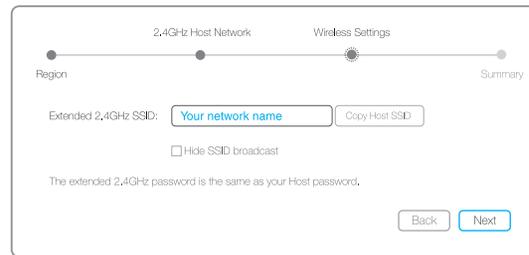
② Select your region, then click **Next**.

ⓘ 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 host network** and enter the password, then click **Next**.



④ Either copy the host's SSID or customize it for 2.4GHz extended network, then click **Next**.



⑤ Verify your wireless settings and click **Finish**. The RE LED should turn on and stay solid.

# 4 Relocate

① Plug in the extender halfway between your router and the Wi-Fi dead zone.



② Wait until the (Signal Strength) LEDs are lit. Make sure the extender is in a location with **3 or more LEDs lit**. If not, **relocate it 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.

# Enjoy!

The extended network shares the same Wi-Fi password as your host network, but may have different wireless network name if you customize the name during the configuration.