

# Quick Installation Guide

Applicable Model:

**TL-WA850RE** 

7106505707 REV2.2.0

## LED Explanation

### RE

**On:** The extender is connected to the router.

**Blinking:** WPS connection is in process.

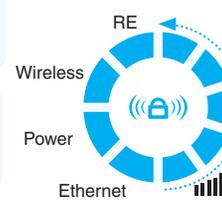
**Off:** The extender is not connected to the router.

### 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.

### Ethernet

**On/Off:** The Ethernet port is connected or not connected.

## Option ONE Quick Setup using the WPS Button

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

### 1 Power on

Plug in next to your router.

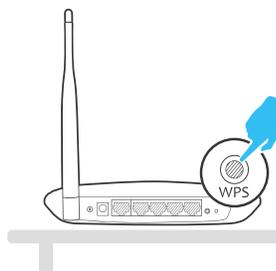


⌚ Wait until the Wireless LED changes to solid 'on'.

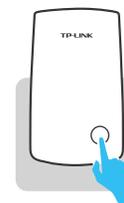


### 2 Connect

① Press the WPS button on your router.



② Press the «🔒» button.



③ The RE LED should change from blinking to solid 'on', indicating successful connection. If not, please use Option TWO.



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

### 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.



## Enjoy!

The extended network **shares** the **same 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. What should I do if I cannot access the extender's web interface?**

A1: Make sure your computer is connected to the extended network.  
A2: Make sure your computer is set to obtain an IP address automatically.

**Q3. Why does the RE LED not change to solid state after I completed Option TWO?**

A1: You may have entered the incorrect Wi-Fi password of your host network during the configuration. Log into the extender's web-based interface <http://tplinkrepeater.net> to check the password and try again.  
A2: Reset the extender and go through the configuration again.

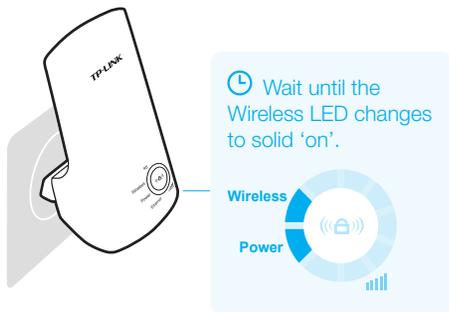
**Q4. How do I reset the extender?**

A: With the extender powered on, use a pin to press the **RESET** button and all the LEDs should turn on momentarily, then release the button.

## Option TWO Quick Setup using Web Browser

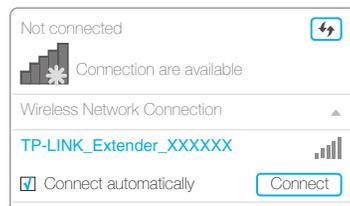
### 1 Power on

Plug in next to your router.



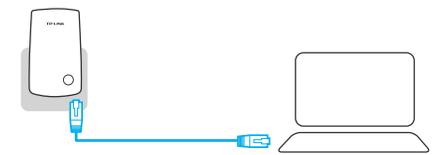
### 2 Connect to the extender

via Wireless



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).

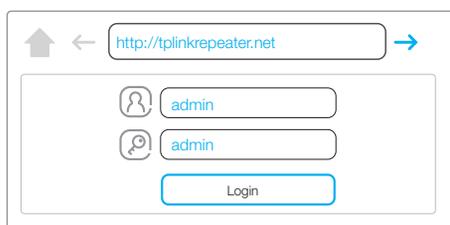
via Ethernet Cable



Disable the Wi-Fi on your computer. Connect the TL-WA850RE to your computer via an Ethernet cable.

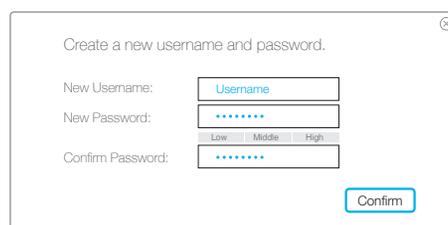
### 3 Configure

- 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 > Q2](#).

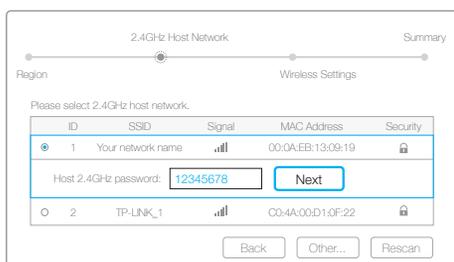
- Create a new username and password to log in the web management page, then click **Confirm**.



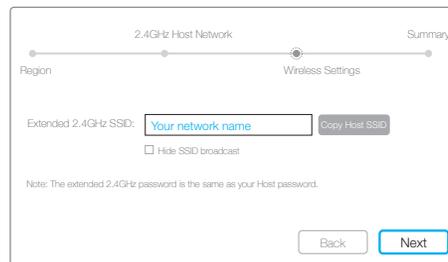
- Select your region, then click **Next**.



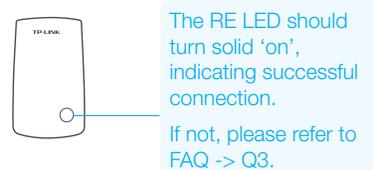
- Select your router's **2.4GHz host network** and enter the password, then click **Next**.



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



- Verify your wireless settings and click **Finish**. Then check the LED.



### 4 Relocate

Flip this piece of paper, and refer to **Step 3 of Option ONE**.



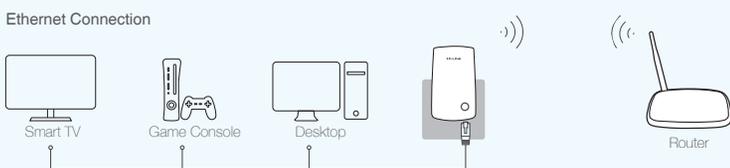
The extended network **shares** the **same Wi-Fi password** as your host network, but may have **different wireless network name** if you customize the name during the configuration.

## 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.

Ethernet Connection



## TP-LINK Tether App

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



Do initial configuration of your extender

Turn off the LED at the specific time

Change the basic extended network settings

Block network access from specific devices

How to begin?

- Scan the QR code to download the app from the App Store or Play Store.
- Ensure your smart device is wirelessly connected to the extender.
- Launch the app and start managing your extended network.

