

# Quick Installation Guide

Applicable Model: **TL-WA860RE**

Note: TL-WA860RE (UK version) is used for demonstration in this QIG. Image may differ from actual products.



## LED Explanation



**Green:** The extender is connected to your router's wireless network and is in a suitable location.

**Red:** The extender is experiencing poor signal strength. Try relocating it closer to your router.

**Off:** No wireless connection is established.

### WPS

**On/Off:** The light remains on for 5 minutes when a WPS connection is established, then turns off.

**Flashing:** WPS connection is being established.



**On:** The extender is on.

**Flashing:** The extender is starting up.

**Off:** The extender is off.

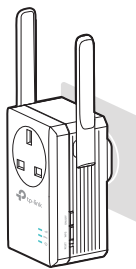
**WPS** Option ONE: Your router supports Wi-Fi Protected Setup (WPS). The WPS button of a router might look like one of these: .

**e** Option TWO: Your router doesn't support WPS or you are not sure.

## Option ONE Quick Setup Using the WPS Button

### 1 Power on

Plug the extender into an electrical outlet next to your router.

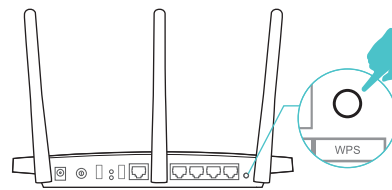


Wait until the LED goes from blinking to solid on.

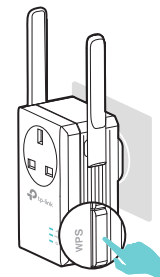
If you want to turn on/off the extender, press the ON/OFF button on the side panel.

### 2 Connect to the Extender

1 Press the WPS button on your router.



2 Press the WPS button on your extender within 2 minutes.

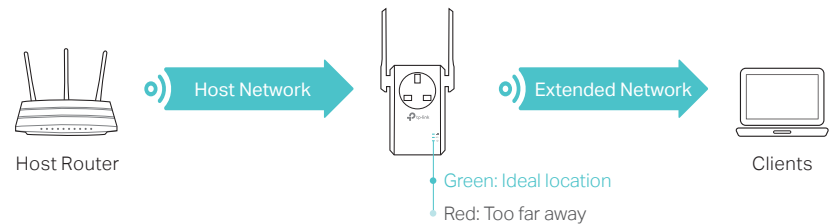


The WPS LED should turn solid on, indicating successful WPS connection.

1. Some ISP gateways disable the WPS function by default. If the WPS method fails, please refer to Option Two.  
2. For more information about using WPS on your router, please refer to the router manufacturer's user guide.

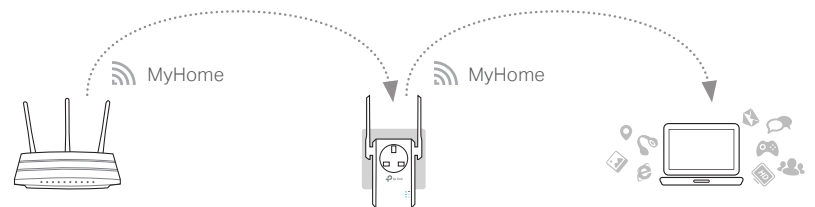
### 3 Relocate

- 1 Plug in the extender about halfway between your router and the Wi-Fi dead zone. The location you choose must be within the range of the host network.
- 2 Wait until the LED turns solid green. If not, relocate it closer to the router to achieve better signal quality.



## Enjoy!

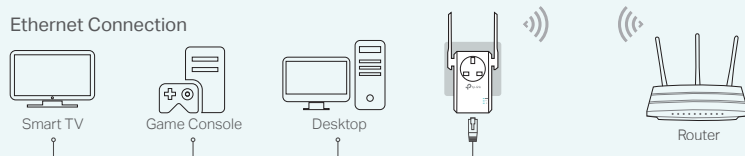
The extended network shares the **same wireless network name** and **password** as those of your host network.



## Entertainment Adapter

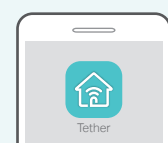
The extender can be used as a wireless adapter to connect any Ethernet-only device such as a Blu-ray player, game console, DVR, or smart TV to your Wi-Fi network. First, connect the extender to your router using Option ONE or Option TWO, then connect your Ethernet-only device to the extender via an Ethernet cable.

### Ethernet Connection



## TP-Link Tether App

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



Set up the extender



Modify wireless settings



Turn on/off the LEDs



Block unwelcome devices

### How to begin?

1. Download the Tether app from the Apple App Store or Google Play Store.
2. Ensure your device is wirelessly connected to the extender or to the host router.
3. Launch the app and start managing your extended network.

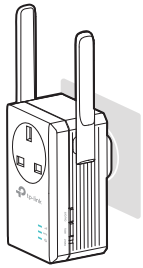



Scan to download

## Option TWO Quick Setup Using Your Web Browser

### 1 Power on

Plug the extender into an electrical outlet next to your router.

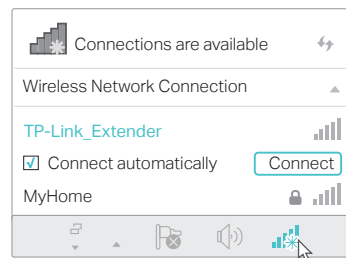


Wait until the  LED goes from blinking to solid on.

! If you want to turn on/off the extender, just press the ON/OFF button on the side panel.

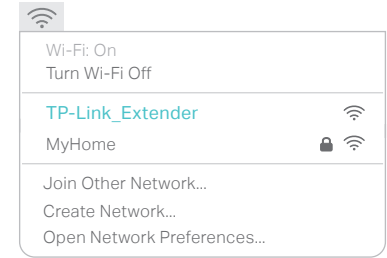
### 2 Connect to the extender

For Windows Users



1. Unplug the Ethernet cable from your computer (if any).
2. Click the Wi-Fi icon on the taskbar and connect to the extender's network TP-Link\_Extender.

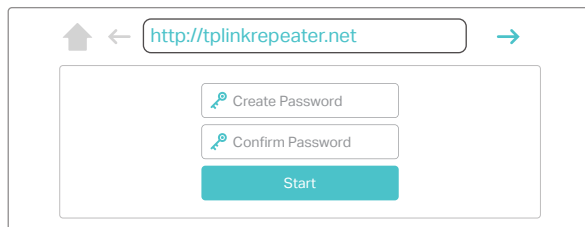
For Mac OS X Users



1. Unplug the Ethernet cable from your Mac (if any).
2. Click the Wi-Fi icon in the top right corner of the screen and connect to the extender's network TP-Link\_Extender.

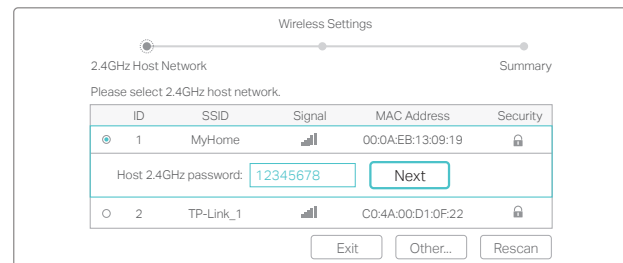
### 3 Configure

1. Launch a web browser and enter <http://tplinkrepeater.net> or <http://192.168.0.254> in the address bar. Create a password for future login attempts, and click **Start**.

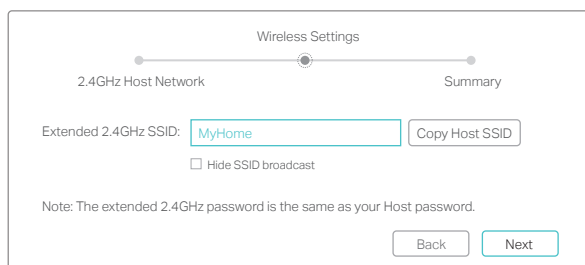


! If the login window does not appear, please refer to the FAQ > Q1.

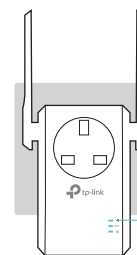
2. Select your router's 2.4GHz network and enter its wireless password. Then click **Next**.




3. Either keep the default SSID or customize it for the 2.4GHz extended network, and click **Next**.



4. Verify your wireless settings and click **Save**. And then check the LED.



The  LED should turn green, indicating successful connection.

### 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 that of your host network, but may have **different wireless network name** if you have customized it during the configuration.

## FAQ(Frequently Asked Questions)

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

- If your computer is wirelessly connected, make sure that you have connected to the extender's SSID.
  - If your computer is connected via an Ethernet cable, please make sure that the connection is stable.
  - Make sure your computer is set to obtain an IP address and DNS server address automatically.
  - Verify that <http://tplinkrepeater.net> or <http://192.168.0.254> is correctly entered in the web browser and press Enter.
  - Reset the extender and try again.
- If the problem persists, please refer to the FAQ at [www.tp-link.com](http://www.tp-link.com) for details.

#### Q2. How do I reset the extender?

- With the extender powered on, press the **RESET** button and all the LEDs should turn on momentarily.

#### Q3. What should I do if the LED does not become green after completing Option TWO?

- You may have entered an incorrect Wi-Fi password for your host network during the configuration. Please log in to the extender's web management page to check the password and try again.
- The extender may be out of range. Please move it closer to the router. If it still doesn't work, reset the extender and go through the configuration again.

#### Q4. I enabled a wireless MAC filter, wireless access control, or access control list (ACL) on my router. What should I do before configuring and using the extender?

- If you have enabled those features of your host router, you may need to disable them first, and then follow Option ONE or Option TWO to complete the configuration.

For details, please visit [www.tp-link.com](http://www.tp-link.com) and refer to the FAQ section in the extender's User Guide.