

Quick Installation Guide

TL-WA860RE EAC

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

7106506060 REV2.0.0

LED Explanation



Green: The extender is connected to the router and is in a good location.

Red: The extender is connected to the router but is too far away from the router.

Off: The extender isn't connected to the router.

WPS

On: WPS connection is established. The LED will go off after 5 minutes.

Blinking: WPS connection is in progress.

Off: No active connection



On: The extender is on.

Blinking: The extender is booting.

Off: The extender is off.

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

Method TWO: Your router doesn't support WPS or you are not sure.

Method ONE Quick Setup using the WPS Button

1

Power on

Plug your extender into a power outlet near your Router/AP.

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

Push the two WPS buttons

1 Press the WPS button on your Router/AP.

2 Press the WPS button on your extender and the WPS LED starts blinking.

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

Some ISP gateways disable the WPS function by default. If the WPS connection fails, please refer to **Method TWO**.

3

Relocate

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

2 Wait about 1 minute until the LED turn green. If not, relocate it closer to the router to achieve better signal quality.

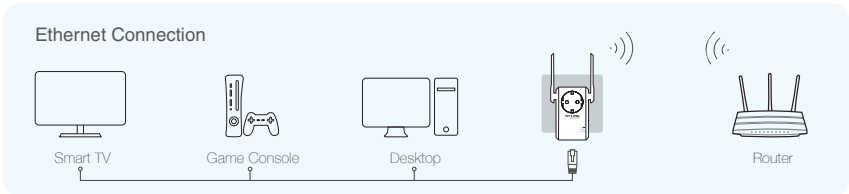
Enjoy!

Your extender shares the same network name (SSID) and password as those of your main Router/AP.

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 referring to Method ONE or Method TWO, then connect the extender to your Ethernet-only device via an Ethernet cable.



TP-LINK Tether App

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

Note: The AP mode of the extender is not supported by Tether.

Setup the extender

Turn on/off LED on the phone

Modify current settings

Block unwelcome devices

How to begin?

1. Download the Tether app from the App Store or Google Play.
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.

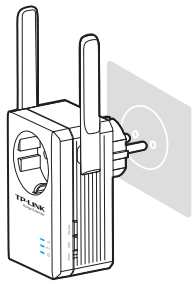


Scan to download

Method TWO Quick Setup using Web Browser

1 Power on

Plug your extender into a power outlet **near** your Router/AP.

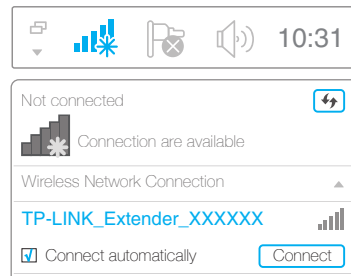


Wait until the 'Power' LED goes from blinking to solid on.

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

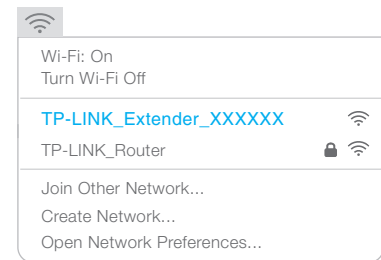
2 Connect your computer to the TL-WA860RE

For Windows Users



1. Unplug the Ethernet cable from your computer (if any).
2. Click the **Wireless Network Connection** icon on your taskbar.
3. Click the **refresh** icon and connect to the extender's network (e.g. **TP-LINK_Extender_XXXXXX**).

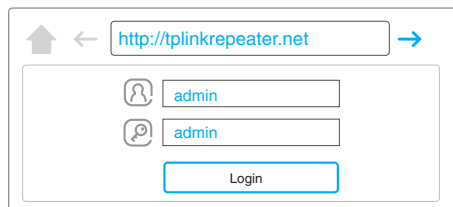
For Mac OS X Users



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 (e.g. **TP-LINK_Extender_XXXXXX**).

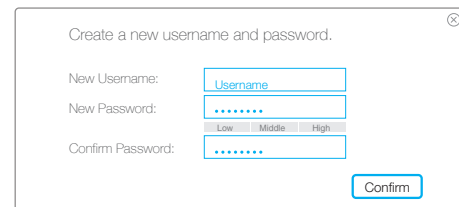
3 Configure

- 1 Launch a web browser and type **http://tplinkrepeater.net** in the address field. Enter **admin** (all lowercase) for both Username and Password, then click **Login**.

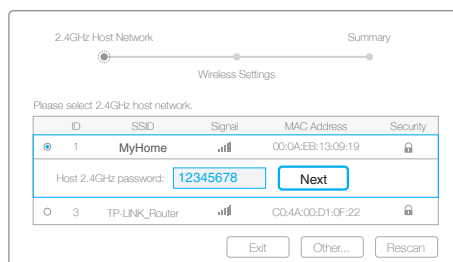


If the login window does not pop up, please refer to **FAQ > Q2**.

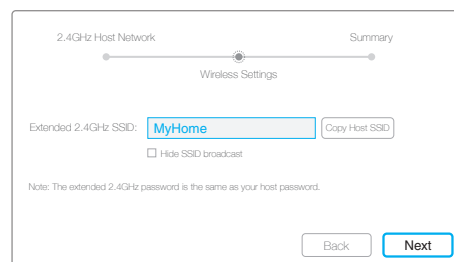
- 2 Create an account for secure management purpose, and then click **Confirm**.



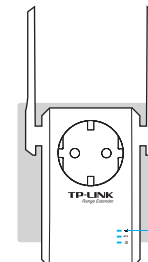
- 3 Select your **router's 2.4GHz Network**, enter its wireless password (NOT the password you just created for login), and then click **Next**.



- 4 Either keep the default SSID or customize it for the extended 2.4GHz network, then click **Next**.



- 5 Verify your wireless settings and click **Save**. 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 Method ONE**.

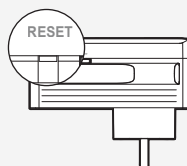


The extender shares the **same password** as that of your host network, but may have **different network name** if you have customized the name during the configuration.

Frequently Asked Questions (FAQ)

Q1. How to reset the extender?

- A1: With the extender powered on, press the **RESET** button and all the LEDs should turn on momentarily.
- A2: Log into the management page via your web browser, then go to **System Tools > Backup & Restore** and click **Factory Restore**.



Q2. Why doesn't the login page appear after entering http://tplinkrepeater.net?

- A1: 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.
- A2: Make sure your computer is set to obtain an IP address and DNS server address automatically.
- A3: Use the IP address to log in. The default IP is **192.168.0.254**. If the extender is connected to the main router, please go to the router's DHCP client list to obtain the extender's current IP address.
- A4: Reset the extender and try again.
- If the problem still exists, please refer to the FAQ section at www.tp-link.com for detailed instructions.