TP-LINK®
The Reliable Choice

Quick Installation Guide

Applicable Model:

TL-WA860RE

WPS **Method ONE:** Quick Setup using the WPS Button
e **Method TWO:** Setup using your Web Browser
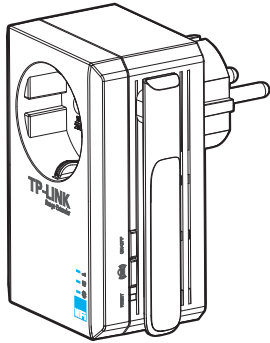
7106504983 REV1.2.1

LED Explanation

Off: TL-WA860RE isn't connected to the router.
Flashing Green: TL-WA860RE is connecting to the router.
Solid Green: TL-WA860RE is connected to the router and is in a good location.
Flashing Orange: TL-WA860RE is connected to the router but is too far away from the router.
Solid Orange: TL-WA860RE is connected to the router but is too close to the router.

Off: No device is connected to ETHERNET port.
Green: A device is connected to the ETHERNET port.

Off: TL-WA860RE is off.
Orange: TL-WA860RE is booting.
Green: TL-WA860RE is on.

> If you push the **ON/OFF** button on the side panel, all **LEDs** will be off as TL-WA860RE is powered off.
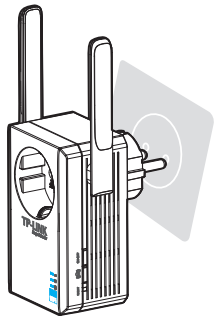
For more information, please visit our website: **http://www.tp-link.com**

Method ONE — Quick Setup using the WPS Button
Use this if your Router or Access Point (AP) supports WPS

1 Power on

Plug your TL-WA860RE into a power outlet **near** your Router/AP.

> Wait until the '⚙' LED goes from orange to solid green.

2 Push the two WPS buttons

① Push the WPS button on your Router/AP.

② Immediately push the «🔒» button on your TL-WA860RE.

> The '⊪' LED will go from flashing green to solid green, solid orange, or flashing orange in 1 minute, showing that WPS connection has succeeded.

> If '⊪' LED turns off, it means WPS connection fails.

> If the WPS connection fails, please go to **Method TWO**.

3 Relocate

Once your TL-WA860RE is properly configured, you can move it to a more ideal location for optimal signal quality and coverage. Once placed in another power outlet, the extender will **reconnect to the main Router/AP automatically in about 30 seconds.** * Keep these in mind:
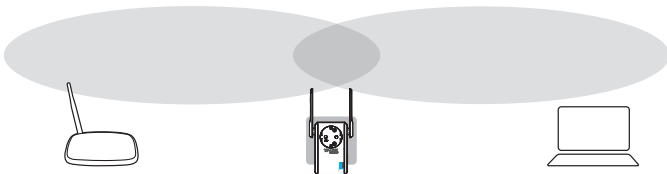
Generally, the ideal location for your extender is **Halfway** between your wireless router and Wi-Fi enabled devices.

Signal (⊪) LED	Location
Solid Green	Ideal Location
Solid Orange	Too Close to the Router
Flashing Orange	Too Far from the Router

Signal (⊪⊪) LED Status could help you find a more ideal location.

far away

Keep the extender away from devices like cordless phones, Bluetooth devices and Microwave Ovens to minimize wireless interference.

If possible, try to place your extender **in open corridors or spacious locations** rather than a crowded room.

☺ Enjoy!

The TL-WA860RE **shares** the same Wi-Fi network name (**SSID**) and **Wi-Fi password** with your main Router/AP.

SSID (TP-LINK_XXX)
Password (ABCDEF)

SSID (TP-LINK_XXX)
Password (ABCDEF)
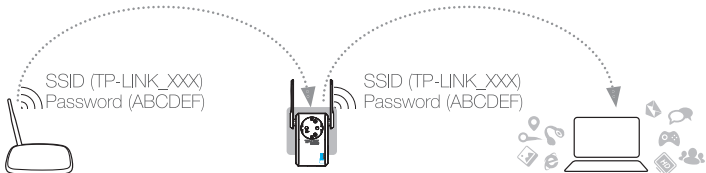
Frequently Asked Questions (FAQ)

Q1. How to reset the TL-WA860RE?

A1: While the TL-WA860RE is plugged into a power outlet, press the **RESET** button for 2 seconds. Wait 5 seconds until all the LEDs flash once.
OR
A2: Log into the management page via your web browser, then go to "**System Tools -> Factory Defaults**" and click "**Restore**". Wait 5 seconds until all of the TL-WA860RE's LEDs flash once.

RESET
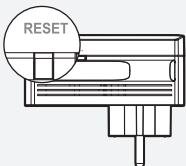
Q2. I typed http://tplinkrepeater.net in the browser URL bar, but why can't I see the quick setup page?

A: First, make sure your computer is connected to the extender network and disconnected from any other network. Second, make sure your computer is set to "Obtain an IP address automatically".
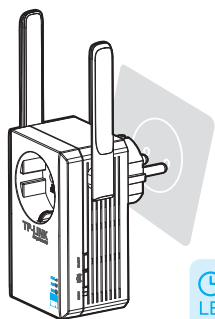
Q3. What's the technical support hotline?

A: Please visit "**www.tp-link.com**", find "Support>Contact Technical Support>Hotline Support" for more information.
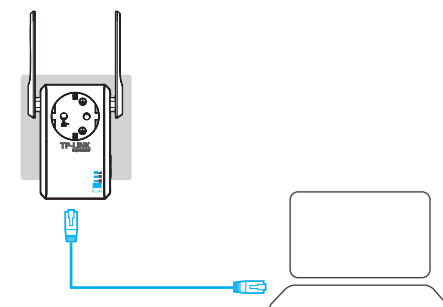
1 Power on

Plug your TL-WA860RE into a power outlet **near** your Router/AP.

🕐 Wait until the '⚙' LED goes from orange to solid green.

2 Connect your computer to the TL-WA860RE
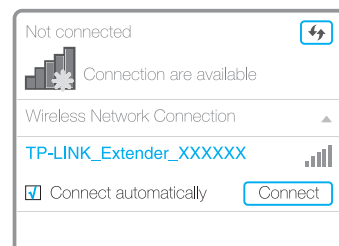
📠 Connecting via **Ethernet Cable**

1. Disconnect your computer from all wireless networks.

2. Connect the TL-WA860RE to your computer via an Ethernet cable. Then continue to **Step 3**.

or

📶 Connecting via **Wireless**

1. Disconnect your Ethernet Connection. Click the **Wireless Network Connection** icon on your desktop.

2. Click the **refresh** icon ↻ and connect to the TL-WA860RE (the default wireless network name is: TP-LINK_Extender _XXXXXX) and continue to **Step 3**.

Not connected ⚡
Connection are available
Wireless Network Connection ▲
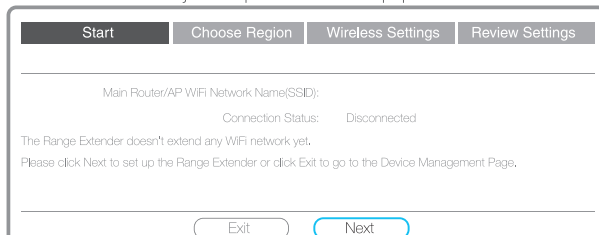TP-LINK_Extender_XXXXXX
☑ Connect automatically   Connect

3 Configuration via your Web Browser

① Type "http://tplinkrepeater.net" in your Web browser and press **Enter**. Log in to the management page using user name "**admin**" and password "**admin**".
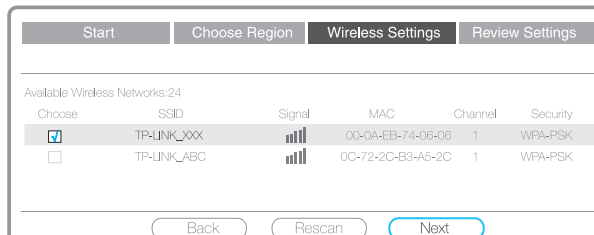
🏠 ← http://tplinkrepeater.net →

admin
admin

OK Cancel
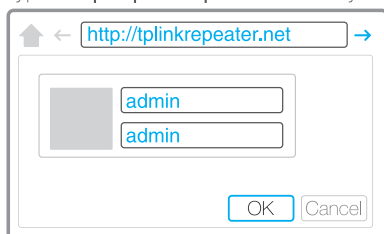
⚠ It may take 5 seconds or more for the **login page** to pop up.
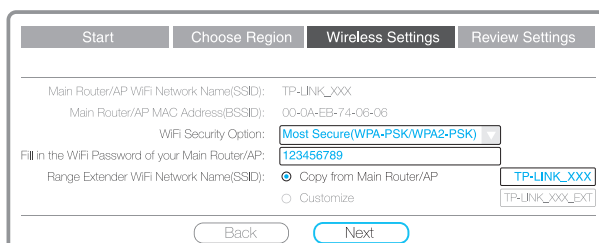If it does not pop up, **refresh** the browser, otherwise, please refer to the FAQ > Q2.
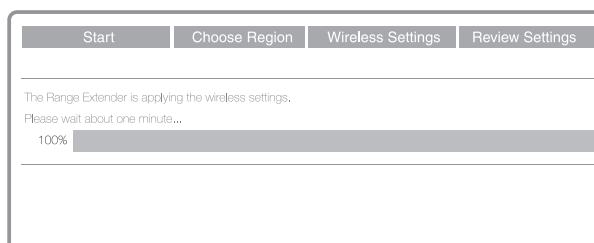
② Below are the major steps of the setup process.

Start	Choose Region	Wireless Settings	Review Settings

Main Router/AP WiFi Network Name(SSID):
Connection Status: Disconnected
The Range Extender doesn't extend any WiFi network yet.
Please click Next to set up the Range Extender or click Exit to go to the Device Management Page.

Exit Next

a. After logging in, you will see the **Quick Setup page**.

Start	Choose Region	Wireless Settings	Review Settings

Available Wireless Networks:24

Choose	SSID	Signal	MAC	Channel	Security
☑	TP-LINK_XXX	▂▄▆█	00-0A-EB-74-06-06	1	WPA-PSK
☐	TP-LINK_ABC	▂▄▆█	0C-72-2C-B3-A5-2C	1	WPA-PSK

Back Rescan Next

b. Select your Router/AP's **Wi-Fi** network, for example, **TP-LINK_XXX**.

Start	Choose Region	Wireless Settings	Review Settings

Main Router/AP WiFi Network Name(SSID):   TP-LINK_XXX
Main Router/AP MAC Address(BSSID):   00-0A-EB-74-06-06
WiFi Security Option: Most Secure(WPA-PSK/WPA2-PSK)
Fill in the WiFi Password of your Main Router/AP: 123456789
Range Extender WiFi Network Name(SSID):   ⦿ Copy from Main Router/AP   TP-LINK_XXX
   ○ Customize   TP-LINK_XXX_EXT

Back Next

c. Fill in the **Wi-Fi Password of your main Router/AP**. The TL-WA860RE's **Wi-Fi network name (SSID)** can be copied from your main Router/AP name (**TP-LINK_XXX**) OR BE CUSTOMIZED A NEW ONE (**TP-LINK_XXX_EXT**).

Start	Choose Region	Wireless Settings	Review Settings

The Range Extender is applying the wireless settings.
Please wait about one minute...
100%

d. After completing the configuration, please check the '📶' LED lights. It should be solid green, solid orange or flashing orange.
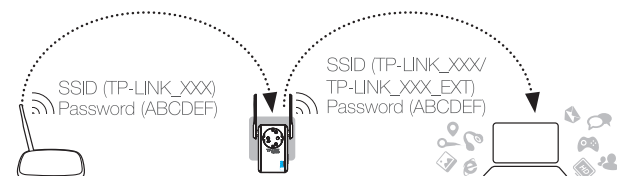
4 Relocate

Flip this piece of paper. Please refer to **Step 3** of **Method ONE**.

☺ Enjoy!

Choose TL-WA860RE 's **Wi-Fi** network name (TP-LINK_XXX or TP-LINK_XXX_EXT). The TL-WA860RE **shares** the **same Wi-Fi password** with your main Router/AP.

SSID (TP-LINK_XXX) Password (ABCDEF)

SSID (TP-LINK_XXX/ TP-LINK_XXX_EXT) Password (ABCDEF)

Entertainment Adapter

The TL-WA860RE's single Ethernet port allows the Range Extender to function as a wireless adapter connecting a wired device like Blu-ray players, game consoles, DVRs and smart TVs. At the same time, the device can share the wireless network. Please follow **Method ONE** or **Method TWO** to set up the TL-WA860RE first and then refer to the connection diagram to connect to **one** Ethernet-enabled device.

Ethernet Connection

Wireless Connection

Smart TV   Game Console   Desktop

Laptop   Smartphone   Tablet