

Quick Installation Guide

For Universal WiFi Range Extender

Applicable Models:
TL-WA850RE & TL-WA750RE



Use **Method ONE** or **Method TWO** to set up the Range Extender. Here we take TL-WA850RE for example.

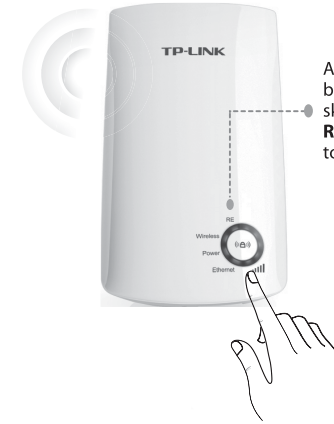
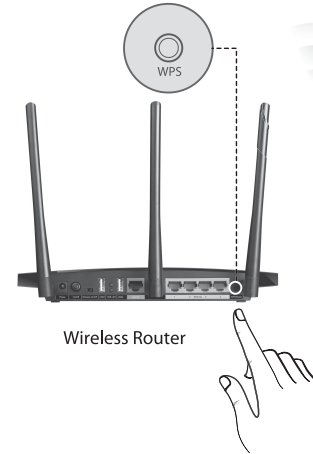
LED Explanation



RE (Range Extender)
On: TL-WA850RE has connected to the main wireless network.
Flashing: TL-WA850RE is connecting.
Off: TL-WA850RE isn't connected.
Wireless
Off: The wireless function of TL-WA850RE is disabled.
Flashing: The wireless function of TL-WA850RE is enabled.
Power
On: TL-WA850RE is powered on.
Off: TL-WA850RE is powered off.
Ethernet
Off: No device is connected to the ETHERNET port.
On: A device is connected to the ETHERNET port, but no activity.
Flashing: A device is connected to the ETHERNET port, and in activity.
Signal Strength
Off: TL-WA850RE isn't receiving a wireless signal.
Solid(1~5): TL-WA850RE is receiving wireless signal. More LEDs indicate better signal strength.

Method ONE >> Quick Setup via WPS Button

- Place the TL-WA850RE near your wireless router or access point and power it on. Wait until the "Wireless" LED is flashing.
- Push the **WPS** (or **QSS** button on some routers) on your wireless router or access point.
- Push the **WPS** button on the front of the TL-WA850RE. The "RE" LED will be solid after about 2 minutes, indicating that the TL-WA850RE has connected to the main wireless network.



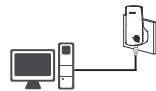
As soon as the **RE** LED becomes solid, please skip to the "Relocate the Range Extender" section to finish the settings.



After setting up, the Range Extender WiFi network name will be the same as the main one.

Method TWO >> Setup via Web Browser

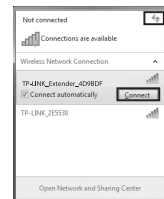
- Place the TL-WA850RE near your wireless router or access point and power it on. Wait until the "Wireless" LED is flashing.
- Connect the computer to the TL-WA850RE.
 - Option A: Connecting via Ethernet Cable**
 - Connect the TL-WA850RE to your computer via ethernet cable.



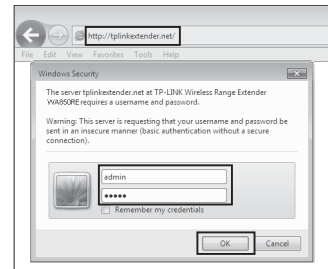
- Disconnect your computer from all wireless networks, wait until the Ethernet LED on the TL-WA850RE is flashing, then continue to **Step 3**.

Option B: Connecting via Wireless

- Click the Wireless Network Connection icon on your desktop.
- Click the refresh icon and connect to the TL-WA850RE (TP-LINK_Extender_XXXXXX), then continue to **Step 3**.

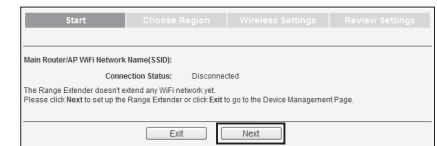


- Open a web browser and type <http://tplinkextender.net> into the URL bar, and hit **Enter**.
Login username: admin
Login password: admin



If the above login page does not pop up, please be sure your computer is set to obtain IP address automatically. For more information, please refer to **Troubleshooting section >> T3**.

- After logging in, you will see the **Quick Setup** page. Click **Next**, and then follow the instructions to finish the settings.



- Please continue to "Relocate the Range Extender" section to finish the setup.



- After setting up, the Range Extender WiFi may either copy the main WiFi network name or use the customized name according to the selection.
- You can always access the Range Extender management page by following "Method TWO: Step 2 -> Option A -> Step 3".



Wireless Router

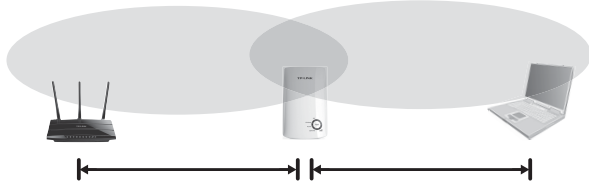
TL-WA850RE

Relocate the Range Extender

After connecting successfully, you may move the TL-WA850RE to a more ideal location to optimize the performance and coverage of your extended wireless network.

• The Best Way is Half-Way

Generally, the ideal location for TL-WA850RE is half-way between your wireless router and your WiFi enabled devices. If that is not possible, placing the TL-WA850RE closer to your wireless router will ensure stable performance.



• The 3 LED Rule

When in doubt, refer to the signal strength indicator on the front of the TL-WA850RE and pick a location that lights up a minimum of 3 signal strength LEDs.



• Less Obstacles = Better Performance

Try to choose a location that will minimize the number of obstacles between the TL-WA850RE and your wireless router. Open corridors or other spacious locations will typically provide better conditions for performance than a crowded room.

• Less Interference = More Stability

Try to choose a location that minimizes interference from devices operating on the same wireless frequency, such as cordless phones, bluetooth devices, and microwave ovens.

Appendix 1: Entertainment Adapter

The TL-WA850RE's single ETHERNET port allows the Range Extender to function as a wireless adapter to connect a wired device like a Blu-ray® player, gaming console, DVR and Smart TV. At the same time the device can share the wireless network as well. Please follow Method ONE or Method TWO to setup the TL-WA850RE first and then refer to the following connection diagram to connect to one Ethernet-enabled device.



Appendix 2: Troubleshooting

T1. How do I restore the TL-WA850RE back to factory default settings?

Method 1:

Use a pin to press the **RESET** button on the bottom of the TL-WA850RE while it is plugged into a power outlet.



Method 2:

Log in to the management page via your web browser, then go to "System Tools -> Factory Defaults" and click "Restore".

* Once you restore the TL-WA850RE back to factory default settings all configurations will be lost, and you will need to go through the set up process before use.

T2. How can I find out whether my wireless signal is being extended by TL-WA850RE?

One way to know that the TL-WA850RE is working as expected is to compare the signal strength of your wireless network with and without the TL-WA850RE.

* Before using this method, ensure that your computer (or any other wireless device you will be monitoring for changes in signal strength) can connect to your wireless network.

T3. What should I do if I cannot log in the device management page after I have successfully connected TL-WA850RE?

You need change your computer's configuration settings to "Obtain an IP address automatically" and "Obtain DNS server address automatically". Please refer to the instructions below:

For Mac OS X:

- Click the **Apple** icon on the upper left corner of the screen.
- Go to "**System Preferences -> Network**".
- Select **Airport** on the left menu bar, and then click **Advanced** for wireless configuration; or select **Ethernet** for wired configuration.
- In the **Configure IPv4** box under **TCP/IP**, select **Using DHCP**.
- Click **Apply** to save the settings.

For Windows XP:

- Click "**Start -> Control Panel -> Network and Internet Connections -> Network Connections**".
- Right-click **Wireless Network Connection** (or **Local Area Connection**), and then click **Properties**.
- Select **Internet Protocol (TCP/IP)**, and then click **Properties**.
- Select **Obtain an IP address automatically** and **Obtain DNS server address automatically**. Then click **OK**.

For Windows 7:

- Click "**Start -> Control Panel -> Network and Internet -> View network status and tasks -> Change adapter settings**".
- Right-click **Wireless Network Connection** (or **Local Area Connection**), and then click **Properties**.
- Select **Internet Protocol Version 4 (TCP/IPv4)**, and then click **Properties**.
- Select **Obtain an IP address automatically** and **Obtain DNS server address automatically**. Then click **OK**.



If you have any more questions or problems, please feel free to contact Technical Support.

Technical Support

- For more troubleshooting help, go to www.tp-link.com/en/support/faq
- To download the latest Firmware, Driver, Utility and User Guide, go to <http://www.tp-link.com/en/support/download/>
- For all other technical support, please contact us by using the following details:

Global Tel: +86 755 2650 4400 E-mail: support@tp-link.com Service time: 24hrs, 7 days a week	Australia / New Zealand Tel: AU 1300 87 5465 NZ 0800 87 5465 E-mail: support.au@tp-link.com (AU) support.nz@tp-link.com (NZ) Service time: 24hrs, 7 days a week
Singapore Tel: +65 6284 0493 E-mail: support.sg@tp-link.com Service time: 24hrs, 7 days a week	Turkey Tel: 0850 72 444 88 (Turkish Service) E-mail: support.tr@tp-link.com Service time: 9:00 to 21:00, 7 days a week
UK Tel: +44 (0) 845 147 0017 E-mail: support.uk@tp-link.com Service time: 24hrs, 7 days a week	USA / Canada Toll Free: +1 866 225 8139 E-mail: support.usa@tp-link.com Service time: 24hrs, 7 days a week
Ukraine Tel: 0 800 505 508 E-mail: support.ua@tp-link.com Service time: Monday to Friday 10:00 to 22:00	Malaysia Tel: 1300 88 875 465 (1300 88TP-LINK) E-mail: support.my@tp-link.com Service time: 24hrs, 7 days a week
Brazil Toll Free: 0800 608 9799 (Portuguese Service) E-mail: support.br@tp-link.com Service time: Monday to Friday, 9:00 to 20:00; Saturday, 9:00 to 15:00	Poland Tel: +48 (0) 801 080 618 / +48 223 606 363 (if calls from mobile phone) E-mail: support.pl@tp-link.com Service time: Monday to Friday 9:00 to 17:00 GMT+1 or GMT+2 (Daylight Saving Time)
Italy Tel: +39 023 051 9020 E-mail: support.it@tp-link.com Service time: Monday to Friday, 09:00 to 13:00; 14:00 to 18:00	Switzerland Tel: +41 (0) 848 800 998 (German Service) E-mail: support.ch@tp-link.com Fee: 4-8 Rp/min, depending on rate of different time
Indonesia Tel: +62 021 6386 1936 E-mail: support.id@tp-link.com Service time: Monday to Friday 9:00 to 18:00 (Except public holidays)	France Tel: +33(0)820 800 860 (French Service) E-mail: support.fr@tp-link.com Fee: 0.118 EUR/min from France Service time: Monday to Friday, 9:00 to 18:00 (Except French bank holidays)
Germany / Austria Tel: +49 1805 875465 (German Service) +49 1805 TPLINK +43 820 820360 E-mail: support.de@tp-link.com Fee: 0.14 EUR/min from the German fixed phone network and up to 0.42 EUR/min from mobile phone.	Russian Federation Tel: 8 (499) 754 5560 / 8 (800) 250 5560 (toll-free call from any RF region) E-mail: support.ru@tp-link.com Service time: From 10:00 to 18:00 (Moscow time) *Except weekends and holidays in Russian Federation