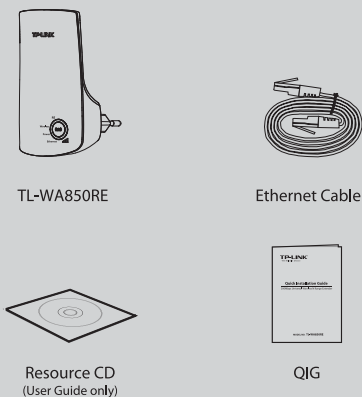


Quick Installation Guide

300Mbps Universal Wireless N Range Extender

MODEL NO. TL-WA850RE

Package Contents

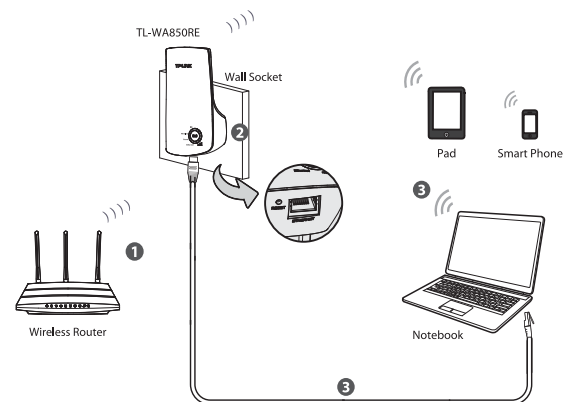


* The power plug may differ from the picture shown here, due to different regional power specifications. In this QIG, we take the EU version for example.

System Support

- Windows 8 · Windows 7 · Windows Vista · Windows XP
- Mac OS · UNIX · Linux

Hardware Connection



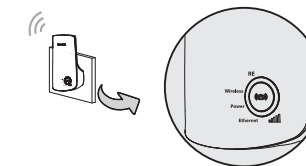
Step 1: Place your Range Extender TL-WA850RE **next to** a wireless router or access point. Here we take wireless router for example.

Step 2: Plug TL-WA850RE directly to a standard electrical wall socket.

Step 3: Connect TL-WA850RE to your PC wirelessly or with an Ethernet cable.

Note: If your wireless router has a WPS/QSS button, please take **Step 1~2** and refer to **Method One**. Otherwise, please take **Step 1~3** and refer to **Method Two**.

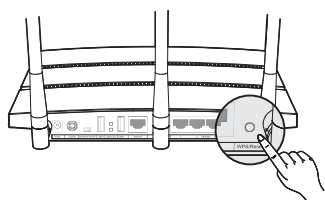
LED Explanation:



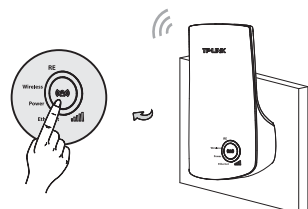
RE
On: TL-WA850RE is successfully connected to the root AP.
Flashing: TL-WA850RE is connecting to the root AP.
Off: TL-WA850RE isn't connected to any root AP.
Wireless
Off: The wireless function of TL-WA850RE is disabled.
Flashing: The wireless function of TL-WA850RE is enabled.
Power
On: TL-WA850RE 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 doesn't receive any signal from the root AP.
Solid (1~5): TL-WA850RE is receiving wireless signal from the root AP. The stronger the signal is, the more LEDs will be solid light.

Method One »»»» Setup by Button

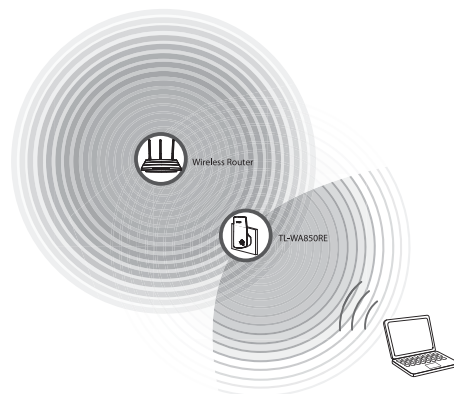
1 Push the **WPS** or **QSS** button on the wireless router.



2 Press the **RE** (range extender) button on the front panel of TL-WA850RE. After about 2 minutes, when the **RE** LED becomes solid light, TL-WA850RE will be successfully connected to your desired router.



3 After successful connection, please adjust TL-WA850RE for an ideal location in order to optimize its performance. (You can refer to **Appendix 1** for the ideal location.)

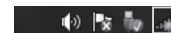


Note: After successful connection, if you move TL-WA850RE from place to place (within the signal coverage of the wireless router), it will automatically reconnect to the target network.

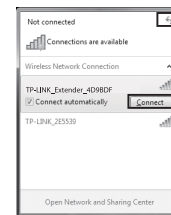
Method Two »»»» Setup by Web-based Management Page

1 Before login, you have to connect your PC to TL-WA850RE, either wirelessly or with an Ethernet cable. As follows we take wireless connection in Windows 7 for example. (* Of course, you can also achieve wireless connection to TL-WA850RE and configuration of it on your smart phone, pad, etc.)

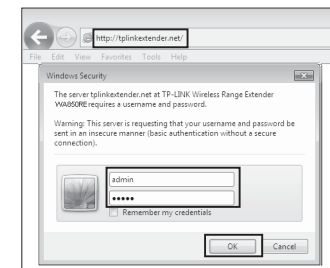
1) Click the icon at the bottom of your desktop.



2) Click the refresh button and then select the default SSID of TL-WA850RE (TP-LINK_Extender_XXXXXX). Click **Connect**.



2 Open your web browser and type **tplinkextender.net** in the address field. Enter **admin** for both user name and password, and then click **OK** to log in.

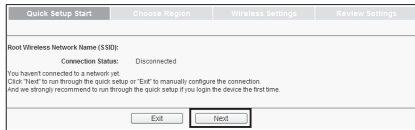


3) When **Connected** appears behind the SSID of TL-WA850RE, you've successfully connected to it. (* Only with successful connection can you log in to TL-WA850RE.)

(To be continued...)

Method Two >>>> Setup by Web-based Management Page (continued)

3 After successful login, there will pop up the **Quick Setup Start** page. Click **Next** to get quick setup started.



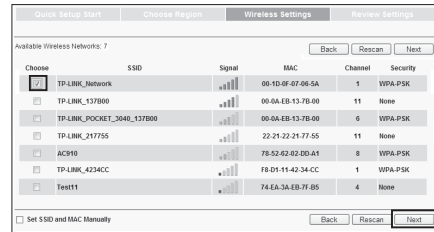
4 Select your **Region** (here takes the default region **United Kingdom** for example). Then click **Next** to continue.



5 Wait a few seconds while TL-WA850RE is detecting the existing wireless networks.



6 Check the box before the SSID of your desired wireless network (here takes **TP-LINK_Network** for example), and then click **Next**.

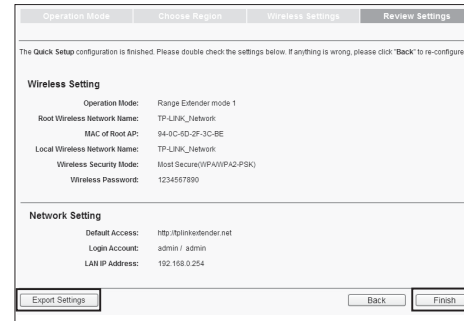


NOTE If you could not find your wireless network name (SSID) in the list, you can click **Rescan** to redetect it or tick the checkbox before **"Set SSID and MAC Manually"** to manually configure the wireless settings.

7 Enter the **Wireless Password** of your target wireless network. Then click **Next** to continue.

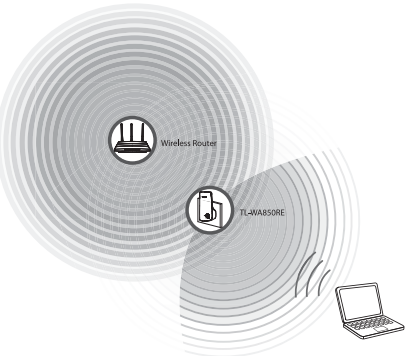


8 Double-check your wireless setting and network setting. Then click **Finish** to complete the Quick Setup.



NOTE It's recommended to **Export Settings** as a txt file for your future reference. It may take about 2 minutes for successful connection after you click **Finish**, so please wait patiently.

9 After successful connection, please adjust TL-WA850RE for an ideal location in order to optimize its performance. (You can refer to **Appendix 1** for the ideal location.)



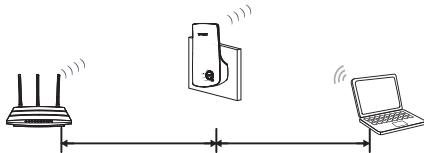
NOTE After successful connection, if you move TL-WA850RE from place to place (within the signal coverage of the wireless router), it will automatically reconnect to the target network.

Appendix 1: Ideal Location

In order to optimize the performance of TL-WA850RE, please follow the instructions below to achieve an ideal location:

• Half-way Between

Generally, the ideal location for TL-WA850RE is half-way between the wireless router and wireless client(s). If the wireless signal is not satisfactory, you may place TL-WA850RE somewhat nearer to the wireless router.



• No Obstacles and Spacious

Clear obstacles in the way between TL-WA850RE and wireless router. It's better to locate it in a spacious place, such as near the corridors.

• No Interference

Keep TL-WA850RE far away from wireless interference, which may come from electrical appliances that works in the same frequency band as TL-WA850RE, like blue tooth devices, cordless phones, microwave ovens, etc.

• 3 Signal Lights

You can also find an ideal location via the signal lights on the front panel of TL-WA850RE. These lights show the strength of signal your TL-WA850RE receives from the root AP. It's recommended that you choose a location where at least 3 signal lights light blue, in order to guarantee a good performance.

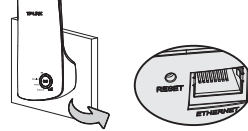
Appendix 2: Troubleshooting

T1. How do I restore the configuration of TL-WA850RE to its factory default settings?

There are TWO methods available to restore the factory defaults.

Method 1:

With TL-WA850RE powered on, use a pin to press the **RESET** button on the bottom panel.



Method 2:

Get logged in to the web-based management page of TL-WA850RE, then go to **"System Tools -> Factory Defaults"** and click **"Restore"**.

* Please note that once TL-WA850RE is reset, all the current configurations will be lost and you need to reconfigure it.

T2. How can I know that my wireless signal has been repeated and boosted by TL-WA850RE?

An easy way is to compare the **signal strength** of your target wireless network (identified by its **SSID**), with TL-WA850RE **in operation** vs. **out of operation**.

* Before comparison, you'd better make sure your computer can obtain an IP address from your target wireless network and thus access the Internet, either via TL-WA850RE or without.

T3. Could TL-WA850RE work if I connect the ETHERNET port of it to the router via Ethernet cable?

Sorry, it won't work. The range extender TL-WA850RE is designed to connect wirelessly to the router, while the ETHERNET port is designed to connect with a wired device, like Internet TV, Gaming console, DVR, etc.

T4. What should I do if I cannot log in the web-based management page after I have successfully connected TL-WA850RE?

You need to configure your PC(s) to "Obtain an IP address automatically" and "Obtain DNS server address automatically".

As for this, please follow 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**.

NOTE If you have any more questions or problems, please feel free to contact our 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:

<p>Global Tel: +86 755 26504400 E-mail: support@tp-link.com Service time: 24hrs, 7 days a week</p> <p>Singapore Tel: +65 62840493 E-mail: support.sg@tp-link.com Service time: 24hrs, 7 days a week</p> <p>UK Tel: +44 (0) 845 147 0017 E-mail: support.uk@tp-link.com Service time: 24hrs, 7 days a week</p> <p>Ukraine Tel: 0-800-505-508 E-mail: support.ua@tp-link.com Service time: Monday to Friday 08:00 AM to 08:00 PM</p> <p>Brazil Toll Free: 0800-770-4337 (Portuguese Service) E-mail: suporte.br@tp-link.com Service time: Monday to Saturday 14:00 PM to 22:00 PM</p> <p>Italy Tel: +39 02 66987799 E-mail: support.it@tp-link.com Service time: Monday to Friday, 9:00 AM to 6:00 PM</p> <p>Indonesia Tel: (+62) 021 6259 135 E-mail: support.id@tp-link.com Service time: Monday to Friday 9:00 -12:00; 13:00 -18:00 (except public holidays)</p> <p>Germany / Austria Tel: +49 1805 875465 (German Service) +49 1805 TPLINK 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. Service time: Monday to Friday, 9:00 AM to 6:00 PM, GMT+1 or GMT+2 (Daylight Saving Time in Germany) *Except bank holidays in Hesse</p>	<p>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)</p> <p>Turkey Tel: 444 19 25 (Turkish Service) NZ 0800 87 5465 E-mail: support.tr@tp-link.com Service times: 9:00 AM to 6:00 PM, 7 days a week</p> <p>USA / Canada Toll Free: +1 866 225 8139 E-mail: support.usa@tp-link.com Service time: 24hrs, 7 days a week</p> <p>Malaysia Tel: 1300 88 875465 (1300 88TPLINK) E-mail: support.my@tp-link.com Service time: 24hrs, 7 days a week</p> <p>Poland Tel: +48 (0) 801 080 618 / +48 22 7217563 (if calls from mobile phone) E-mail: support.pl@tp-link.com Service time: Monday to Friday 9:00 AM to 5:00 PM, GMT+1 or GMT+2 (Daylight Saving Time)</p> <p>Switzerland Tel: +41 (0)848 800998 (German Service) E-mail: support.ch@tp-link.com Fee: 4-8 Rp/min, depending on rate of different time Service time: Monday to Friday 9:00 AM to 6:00 PM, GMT+1 or GMT+2 (Daylight Saving Time)</p> <p>France Tel: +33 (0) 820 800 860 (French service) Email: support.fr@tp-link.com Fee: 0.118 EUR/min from France Service time: Monday to Friday 9:00 AM to 6:00 PM (Except French Bank holidays)</p> <p>Russian Federation Tel: 8 (499) 754-55-60 / 8 (800) 250-55-60 (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</p>
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