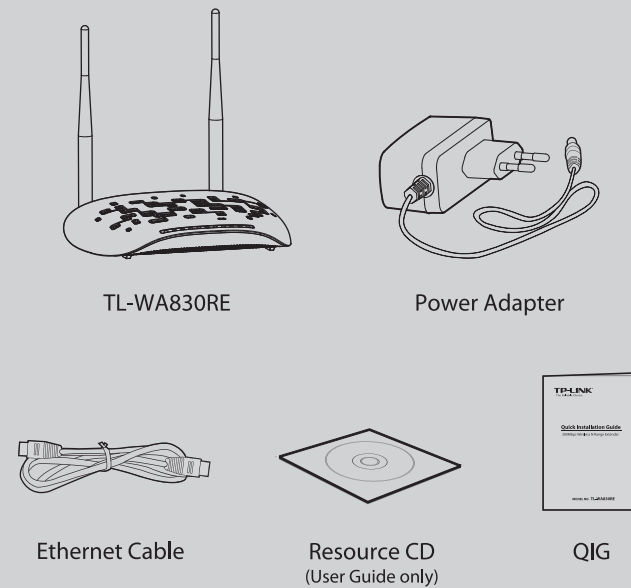


Quick Installation Guide

300Mbps Wireless N Range Extender

MODEL NO. TL-WA830RE

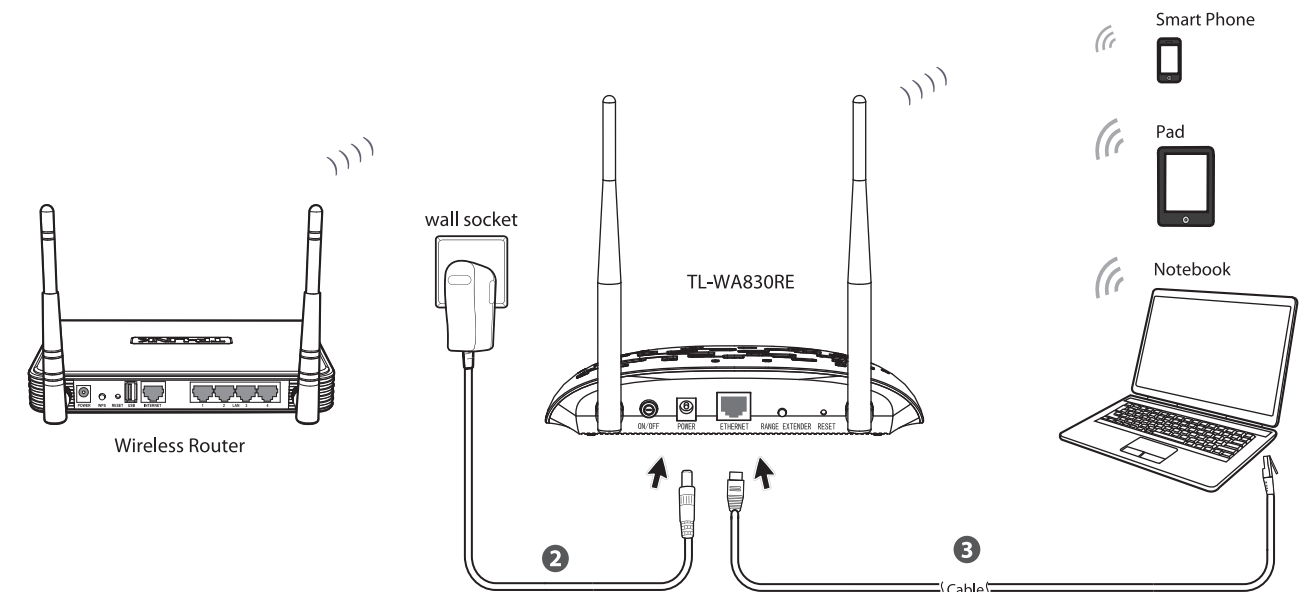
Package Contents



System Support

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

Hardware Connection



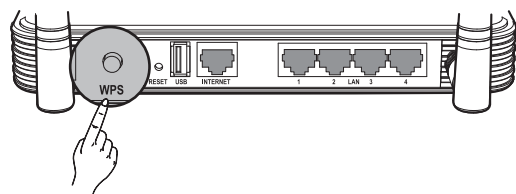
- Step 1:** Place your Range Extender TL-WA830RE **next to** a Wireless Router or Access Point. Here, we take Wireless Router for example.
- Step 2:** Plug one end of the power adapter into the POWER jack of TL-WA830RE, and the other end to a standard electrical wall socket.
- Step 3:** Connect the Range Extender TL-WA830RE to your PC wirelessly or with an Ethernet Cable.



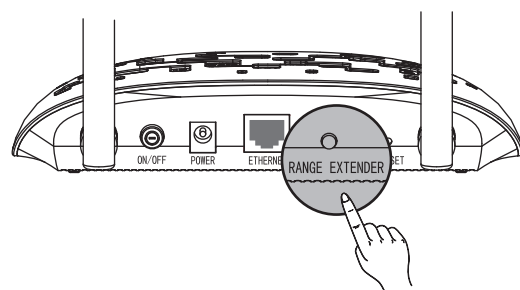
If your Wireless Router has WPS or QSS button, please take **Step 1~2** and refer to **Method One**.
If your Wireless Router doesn't have WPS or QSS button, please take **Step 1~3** and refer to **Method Two**.

Method One »»»» Setup by Button

- 1** Push the **WPS** or **QSS** button on the Wireless Router.



- 2** Press and hold the **RANGE EXTENDER** button on the back panel of TL-WA830RE until **RANGE EXTENDER** LED (●) flashes. After about 2 minutes, when the LED becomes solid light, TL-WA830RE will be successfully connected to your desired Router.



- 3** After successful connection, please adjust TL-WA830RE for an ideal location in order to optimize its performance. (You can refer to **Appendix 1** for the ideal location.)



After successful connection, if you move TL-WA830RE from place to place (within the coverage of the Wireless Router), it will automatically reconnect to the target network.

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

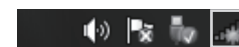
- 1** Before login, you have to connect you PC to TL-WA830RE, either wirelessly or with an Ethernet cable.



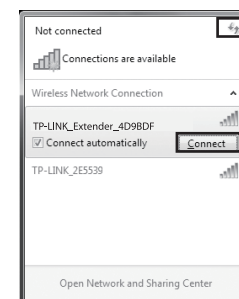
You can also achieve wireless connection to TL-WA830RE and configuration of it on your smart phone, pad, etc.

As follows we take wireless connection in Windows 7 for example.

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

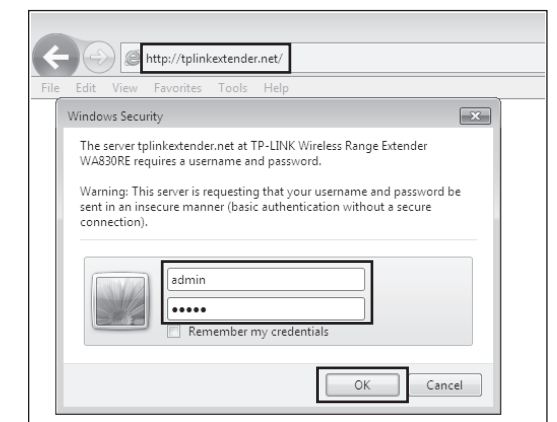


- 2) Click the refresh button and then select the default SSID of TL-WA830RE (TP-LINK_Extender_XXXXXX). Click **Connect**.



- 3) When **Connected** appears behind the SSID of TL-WA830RE, you've successfully connected to it. Only with successful connection, can you go log in TL-WA830RE.

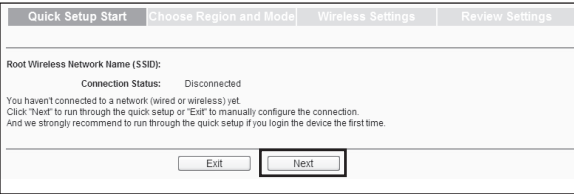
- 2** Open your web browser and type **tplinkextender.net** in the address bar. Then enter **admin** for both user name and password to log in.



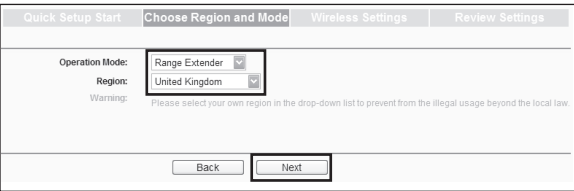
(To be continued...)

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

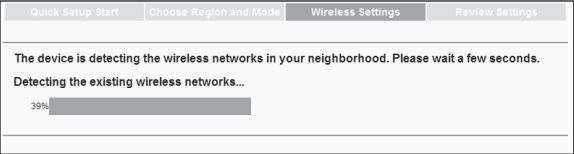
3 After successful login, there will pop up the **Quick Setup Start** page. Click **Next** to get quick setup started.



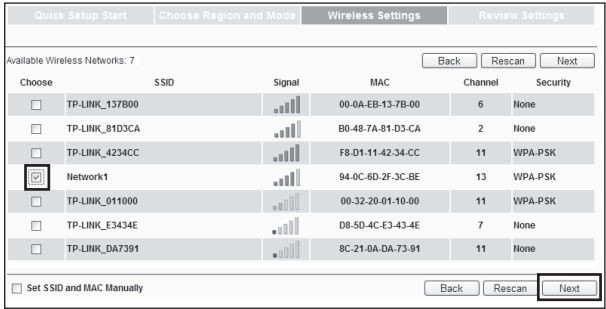
4 Select your desired **Operation Mode** and **Region** (here takes the default settings **Range Extender** and **United Kingdom** for example). Then click **Next** to proceed.



5 Wait a few seconds while TL-WA830RE is detecting the existing wireless networks.



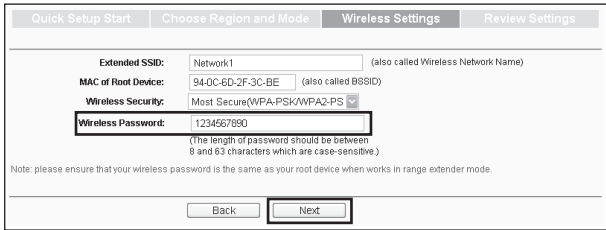
6 Check the box before the SSID of your desired wireless network (here takes **Network1** for example), and then click **Next**.



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.

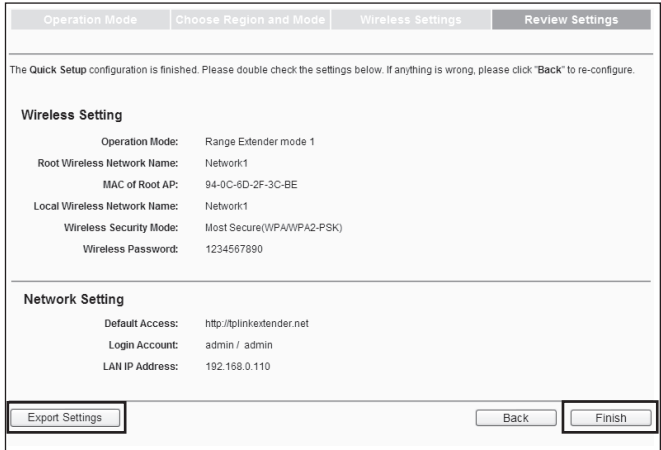
7

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



8

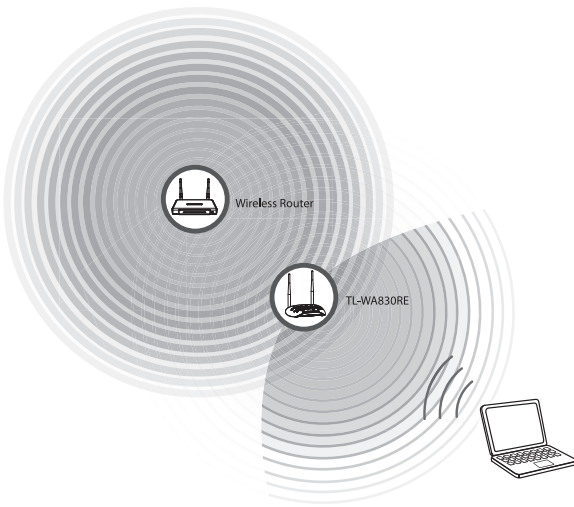
Double-check your **Wireless Setting** and **Network Setting**. Then click **Finish** to reboot the device and have the settings take effect.



- It's recommended to **Export Settings** as a txt file for your future reference.
- After rebooting, it may take about 2 minutes for successful connection; please wait patiently.

9

After successful connection, please adjust TL-WA830RE for an ideal location in order to optimize its performance. (You can refer to **Appendix 1** for the ideal location.)



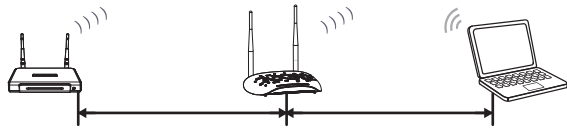
After successful configuration and connection, if you move TL-WA830RE from place to place (within the coverage of the Wireless Router), it will automatically reconnect to the target network.

Appendix 1: Ideal Location for TL-WA830RE

In order to optimize the performance of TL-WA830RE, please follow the instructions below to achieve an ideal location:

Half-way Between

Generally, the ideal location for TL-WA830RE is half-way between the Wireless Router and Wireless Client. If the wireless signal is not satisfactory, you may place TL-WA830RE somewhat nearer to the Wireless Router.



Higher Position

Place TL-WA830RE on a higher position, such as on a desk.

No Obstacles and Spacious

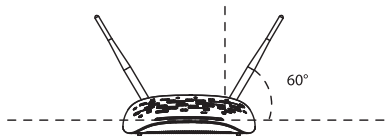
Clear obstacles in the way between TL-WA830RE and Wireless Router. It's better to locate it in a spacious place, such as near the corridors.

No Interference

Keep TL-WA830RE far away from wireless interference, which may come from electrical appliances that works in the same frequency band as TL-WA830RE, like bluetooth devices, cordless phones, microwave ovens, etc.

A Certain Angle

For a better repeating performance, it's recommended to adjust the antennas of TL-WA830RE to a certain angle, preferably 60°.

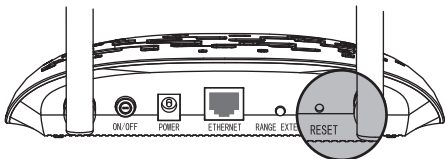


Appendix 2: Troubleshooting

T1. How do I restore the configuration of TL-WA830RE to its factory default settings?

With TL-WA830RE powered on, use a pin to press and hold the **RESET** button on the rear panel for about 8 seconds before releasing it.

* Please note that once TL-WA830RE is reset, all the current configurations will be lost and you will need to reconfigure it.



T2. How can I know that my wireless signal has been repeated and boosted by TL-WA830RE?

An easy way is to compare the **signal strength** of your target wireless network (symbolized by its **SSID**), with TL-WA830RE **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-WA830RE or without.

T3. Why does the wireless transmission rate speed down, while the wireless signal is stronger after repeated by TL-WA830RE?

In compliance with the wireless transmission protocol, all the Range Extender devices are set to work in half-duplex instead of full-duplex mode. In other words, the Range Extender has to process one-way communication between your root Wireless Router (or AP) and the terminal clients; so the transmission time will be double-increased, while the speed will be half- decreased.

TP-LINK recommends that you connect to the Range Extender when your home network connection is poor, or when you want a larger wireless coverage to eliminate "dead zones".

T4. What should I do if I cannot log in the web-based management page after I have successfully connected TL-WA830RE?

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**.



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:
 - Global**
Tel: +86 755 26504400
E-mail: support@tp-link.com
Service time: 24hrs, 7 days a week
 - Singapore**
Tel: +65 62840493
E-mail: support.sg@tp-link.com
Service time: 24hrs, 7 days a week
 - UK**
Tel: +44 (0) 845 147 0017
E-mail: support.uk@tp-link.com
Service time: 24hrs, 7days a week
 - Ukraine**
Tel: 0-800-505-508
E-mail: support.ua@tp-link.com
Service time: Monday to Friday 14:00 PM to 22:00 PM
 - Brazil**
Toll Free: 0800-770-4337 (Portuguese Service)
E-mail: suporte.br@tp-link.com
Service time: Monday to Saturday 08:00 AM to 08:00 PM
 - Italy**
Tel: +39 02 66987799
E-mail: support.it@tp-link.com
Service time: Monday to Friday, 9:00 AM to 6:00 PM
 - 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)
 - 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
 - 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)
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 - Turkey**
Tel: 444 19 25 (Turkish Service)
NZ 0800 87 5465
E-mail: support.tr@tp-link.com
Service time: 9:00 AM to 6:00 PM, 7days a week
 - USA / Canada**
Toll Free: +1 866 225 8139
E-mail: support.usa@tp-link.com
Service time: 24hrs, 7days a week
 - Malaysia**
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E-mail: support.my@tp-link.com
Service time: 24hrs, 7days a week
 - Poland**
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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)
 - 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)
 - 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)
 - 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