TP-LINK
The Reliable Choice

Quick
Installation Guide

Applicable Model:

TL-WA830RE

EAC

For more information, please visit our website: **http://www.tp-link.com**
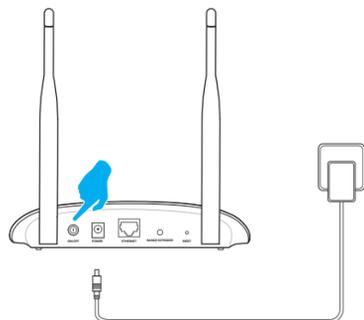
WPS **Option ONE**: Your router supports Wi-Fi Protected Setup (WPS). The WPS button of a router might look like one of these: 🔄 | **WPS** | 🔘 .

e **Option TWO**: Your router doesn't support WPS or you are not sure.

Option ONE Quick Setup using the WPS (RE) Button

1 Power on

Plug the extender's adapter into an electrical outlet **near** your router. Then turn on the extender and wait about 30 seconds until the **Power LED** ⏻ is lit and **solid green**.

2 Connect

1 Press the WPS button on your router.

2 Press the RANGE EXTENDER button within 2 minutes, and the LED ((ŷ)) starts blinking.

The LED ((ŷ)) should change from blinking to solid state, indicating that WPS connection is successful.

If not, please refer to Option TWO.

⚠ Some ISP gateways disable the WPS function by default. If the WPS method fails, please use **Option TWO**.
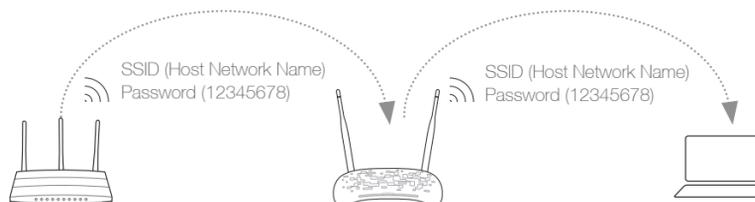
3 Relocate

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

2 Wait about 1 minute until the LED ((ŷ)) is **lit with a solid green**. If not, **relocate it closer to the router** to achieve better signal quality.

Router → **Host Network** → → **Extended Network** → Clients

Green: Ideal location
Red: Too far away

☺ Enjoy!

The extended network shares the **same network name** and **password** as those of your host network.

SSID (Host Network Name)
Password (12345678)

SSID (Host Network Name)
Password (12345678)

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 using Option ONE or Option TWO. Then connect your Ethernet-only device to the extender via an Ethernet cable.

Smart TV   Game Console   Desktop   Router

TP-LINK Tether APP

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

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

TP-LINK
Tether

▢ Set up the extender

◠ Modify current settings

💡 Turn on/off the LED

🖥 Block unwelcome devices

How to begin?

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

2 Ensure your device is wirelessly connected to the extender or to the host router.

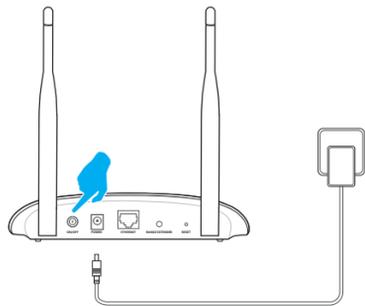3 Launch the app and start managing your extended network.

Scan to download

1 Power on

Plug the extender's adapter into an electrical outlet **near** your router. Then turn on the extender and wait about 30 seconds until the **Power LED** ⏻ is lit and **solid green**.
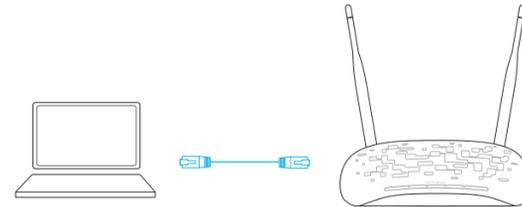
2 Connect to the extender

▂▃▄ via Wireless

📠 ▂▃▄✳	🔇◁))	10:31

Not connected ⚡
⬛⬛⬛ Connection are available

Wireless Network Connection ▲

TP-LINK_Extender_XXXXXX ▂▃▄

☑ Connect automatically [Connect]

1. Unplug the Ethernet cable from your computer (if any).
2. Click the Wi-Fi icon on the taskbar and connect to the extender's network (e.g. **TP-LINK_Extender_XXXXXX**).
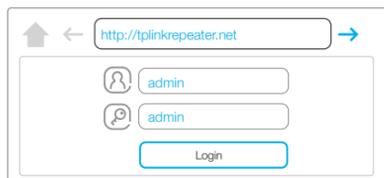
or

🖥 via Ethernet Cable

1. Disable the Wi-Fi on your computer.
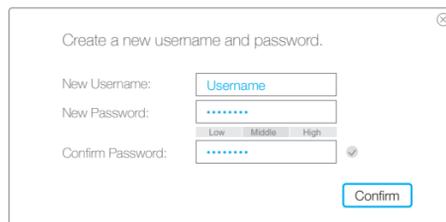2. Connect your computer to the extender via an Ethernet cable.

3 Configure

1 Launch a web browser, type **http://tplinkrepeater.net** in the address bar and use **admin** (all lowercase) for both Username and Password to log in.

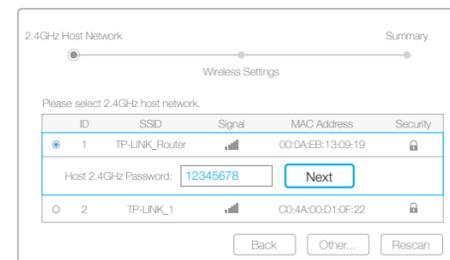🏠 ← → http://tplinkrepeater.net →
👤 admin
🔑 admin
[Login]

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

2 Create a new username and password for secure management purpose, and then click **Confirm**.
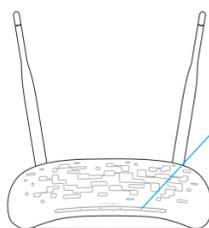
⊗
Create a new username and password.

New Username: Username
New Password: ••••••••
             Low   Middle   High
Confirm Password: •••••••• ✓

[Confirm]

3 Select your router's **2.4GHz host network**, enter the password, and then click **Next**.

2.4GHz Host Network   Summary
                 Wireless Settings
Please select 2.4GHz host network.

ID	SSID	Signal	MAC Address	Security
◉ 1	TP-LINK_Router	▂▃▄	00:0A:EB:13:09:19	🔒
	Host 2.4GHz Password:	12345678	[Next]	
○ 2	TP-LINK_1	▂▃▄	C0:4A:00:D1:0F:22	🔒

[Back] [Other...] [Rescan]

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

2.4GHz Host Network   Summary
                 Wireless Settings

Extended 2.4GHz SSID: Your network name [Copy Host SSID]
                       ☐ Hide SSID broadcast
Note: The extended 2.4GHz password is the same as your Host password.

[Back] [Next]

5 Verify your wireless settings and click **Finish**. Then check the LED.

The LED ((ᵠ)) should turn on and stay solid, indicating successful connection.

If not, please refer to FAQ > Q3.

4 Relocate

Flip this piece of paper, and refer to **Step 3** of **Option ONE**.

😊 Enjoy!

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

LED Explanation

((ᵠ)) (RE)
- **Blinking green**: WPS connection is in process.
- **Solid green**: The extender is connected to the router, and is in a ideal location.
- **Solid red**: The extender is connected to the router, but too far away from the router.
- **Off**: No active connection.

⏻ (Power)
- **On/Off**: The extender is on or off.
- **Blinking**: The extender is initializing.

🖥 (Ethernet) **On/Off**: A device or no device is connected to the Ethernet port.

📶 (Wireless) **On/Off**: The extender's wireless function is on or off.

FAQ(Frequently Asked Questions)

Q1. What should I do if my router doesn't have a WPS button?
A: Please refer to **Option TWO** to set up the extender.

Q2. What should I do if I cannot access the extender's web management page?
A1: Make sure your computer is connected to the extended network.
A2: Make sure your computer is set to obtain an IP address automatically.

Q3. Why does the LED ((ᵠ)) not change to solid state after I completed Option TWO?
A1: You may have entered the incorrect Wi-Fi password of your host network during the configuration. Log into the extender's web management page **http://tplinkrepeater.net** to check the password and try again.
A2: Reset the extender and go through the configuration again.

Q4. How do I reset the extender?
A: With the extender powered on, use a pin to press the **RESET** button and all the LEDs should turn on momentarily. Then release the button.