Manuals+ — User Manuals Simplified.

tp-link RE815X AXE5400 Mesh WiFi 6E Range Extender Installation Guide

Contents

tp-link RE815X AXE5400 Mesh WiFi 6E Range Extender

Setup with videos
Scan the QR code, or visit
https://www.tp-link.com/support/setup-video/#range-extenders and search for the setup video of your model.
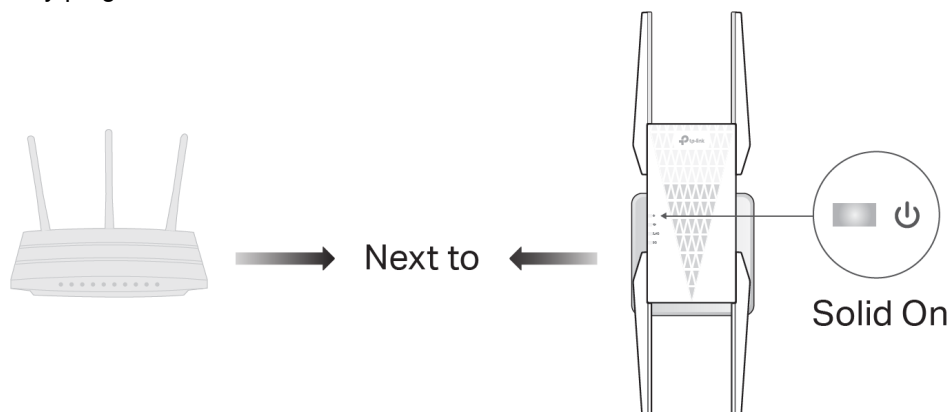
- Images may differ from your actual product.

Power On

Plug the extender into a power outlet next to your router. Wait until its Power LED turns solid on.
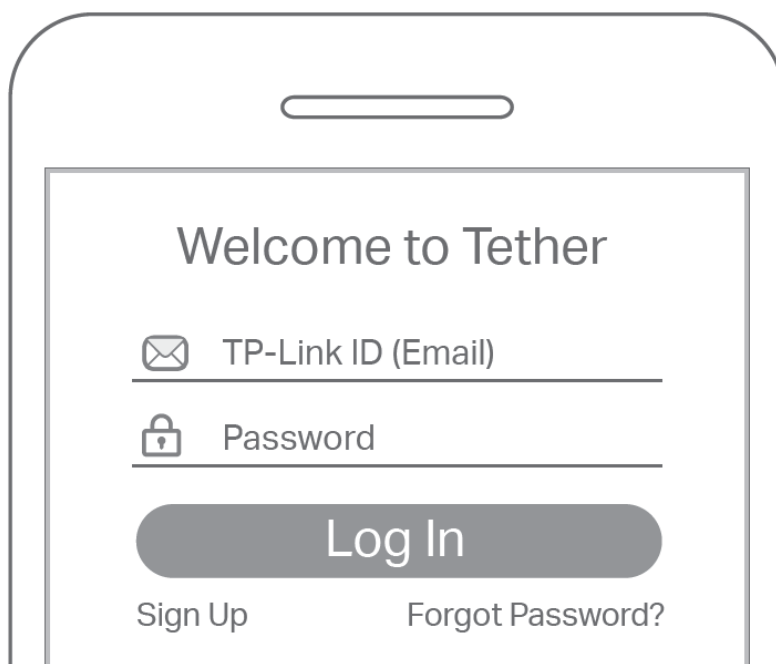**Note:** For safety, only plug the extender in the direction as shown below.

Next to

Solid On

Set Up

Via the Tether App

1. Get the up-to-date Tether app from the Apple App Store or Google Play, or simply scan the QR code.
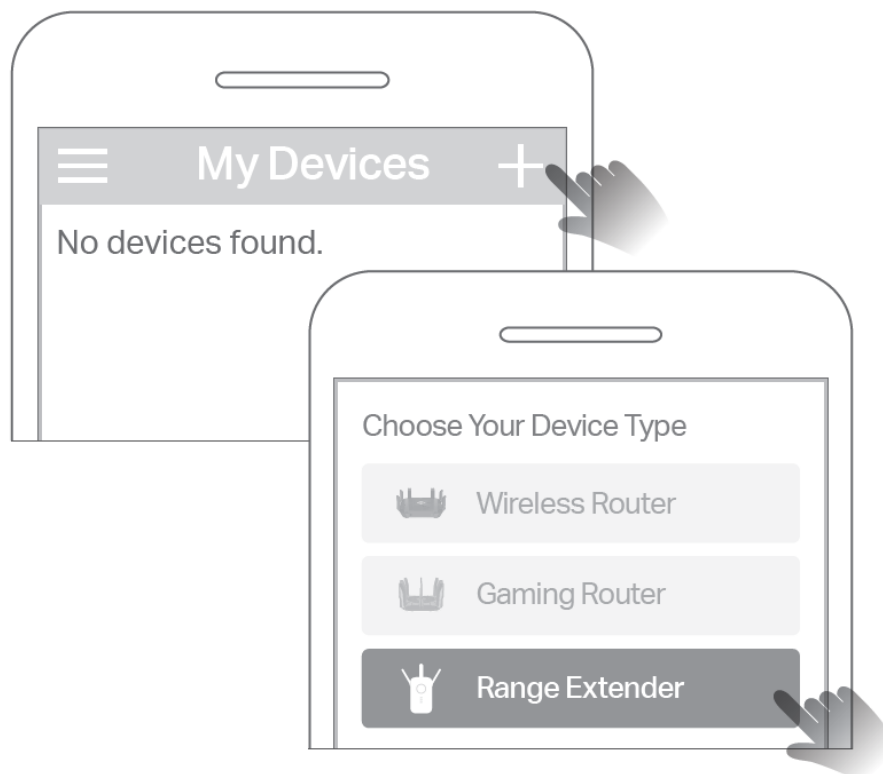
Download on the
App Store

GET IT ON
Google Play

or

Scan for Tether

Tether

2. Launch the Tether app and log in with your TP-Link ID. If you don't have an account, create one first.

Welcome to Tether

TP-Link ID (Email)

Password

Log In

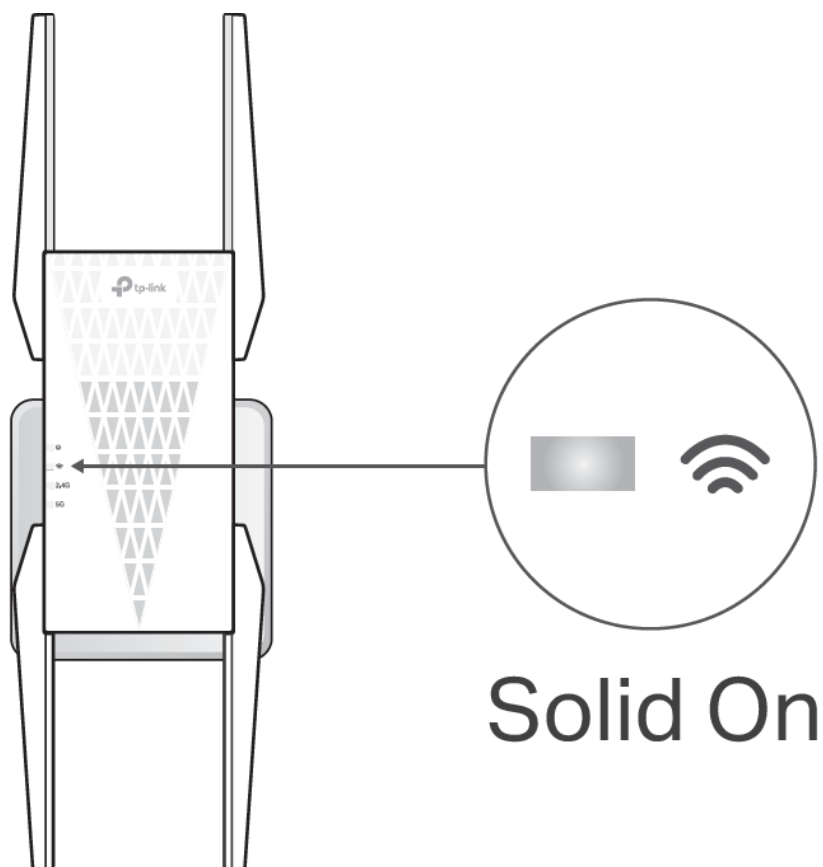Sign Up   Forgot Password?

3. Tap the button and select Range Extender.

   Note: If you cannot find your device, please refer to FAQ > Q1.

4. Follow app instructions to complete the setup. The LED should turn solid on, indicating successful connection to your router. Note: If the LED does not turn solid on, please refer to FAQ > Q2.

More Setup Methods

Via a Web Browser

1. Connect your computer or smartphone to the extender's network TP-Link_Extender.
2. Visit **http://www.tplinkrepeater.net** or **http://192.168.0.254** in a web browser. Create a password to log in.
3. Follow web instructions to complete the setup.

Via the WPS Button

1. Press the WPS button on your router.
2. Within 2 minutes, press the WPS button on the extender for 1 second. The LED should change from blinking to solid on, indicating successful connection.

Note: If the LED does not turn solid on, repeat steps 1 and 2 to connect again, or connect via the Tether app or web browser.

Extended Network Names:
Router's network name with EXT at the end or Same as your One Mesh router
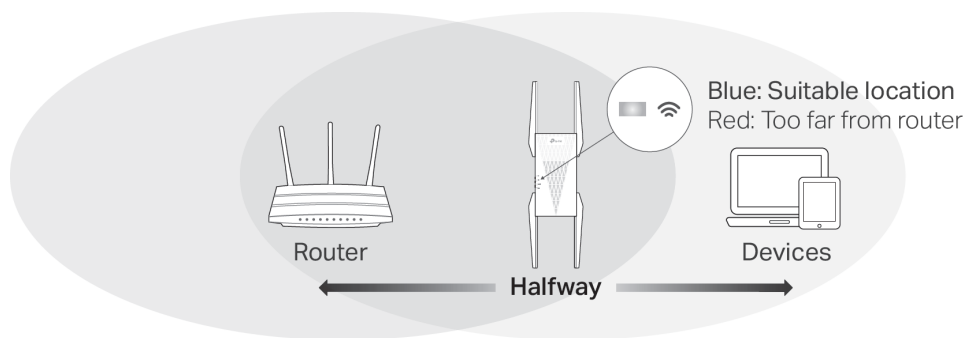(See back for One Mesh details)

Passwords:
Same as your router
For more details, please refer to the user guide at **https://www.tp-link.com/support/download**.

Relocate

1. Plug in the extender about halfway between your router and the Wi-Fi dead zone. The location you choose must be within the range of your router.
2. Wait for about 2 minutes until the LED turns solid blue. If it doesn't, relocate the extender closer to the router to achieve better signal quality.

Tip: To place the extender for optimal Wi-Fi performance, access extender settings via the Tether app and go to Tools > Location Assistant, or simply scan the QR code to visit **https://www.tp-link.com/support/faq/3103/**.
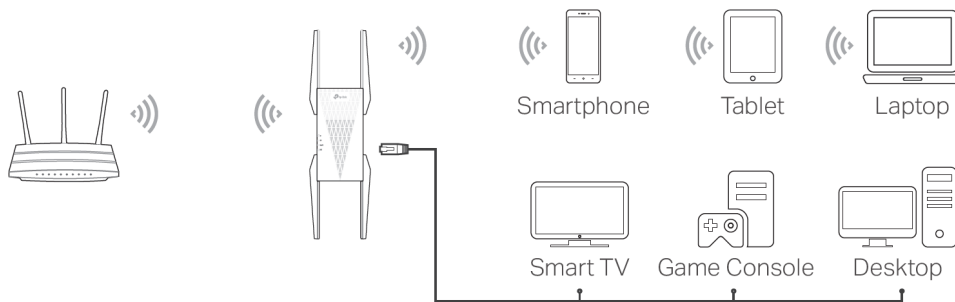
Blue: Suitable location
Red: Too far from router

Router | Halfway | Devices

Enjoy!
Connect your devices to the extender wirelessly or via an Ethernet cable, then enjoy the internet. The passwords of your extended networks are the same as your host router.

Tip: You can also set up the extender in Access Point mode to transform your existing wired network to a wireless one. For details, refer to the user guide at **https://www.tp-link.com/support**.

Access Extender Settings

After setup, you can access extender settings via any of the methods below. You can reselect host network, change extended network settings and more.

Note: If your extender and router use the same network name, Method 1 is recommended.

Method 1: Via the Tether App

1. Connect your smartphone to the extender's or router's network.

2. Launch the Tether app, select your extender, and log in.

3. View or change extender settings as needed.

Method 2: Via a Web Browser

1. Connect your computer or smartphone to the extender's network. If you are using a computer, unplug the Ethernet cable if any.

2. Launch a web browser, enter **http://www.tplinkrepeater.net** in the address bar, and log in.

3. View or change extender settings as needed.

LED Explanation

LED	Status	Indication (For Range Extender Mode)
(Power)	On/Off Blinking	The extender is on or off. The system is starting up or firmware upgrade is in progress.
(Signal)	Solid blue Solid red Blinking Off	The extender is connected to your router's wireless network and is in a suitable location. The extender is receiving a weak signal. Try relocating it closer to your router. WPS connection is in progress. No wireless connection is established.
2.4 GHz	On/Off	The extender is connected or not connected to the 2.4 GHz wireless network of your router.
5 GHz	On/Off	The extender is connected or not connected to the 5 GHz wireless network of your router.

One Mesh TM with Seamless Roaming

TP-Link One Mesh router and extenders work together to form one unified Wi-Fi network. Walk through your home and stay connected with the fastest possible speeds thanks to One Mesh's seamless coverage.

Unified Wi-Fi Network

Router and extenders share the same wireless settings, including network name, password, access control settings and more.

Seamless Roaming

Devices automatically switch between your router and extenders as you move through your home for the fastest possible speeds.

Easy Setup and Management

Set up a One Mesh network with a push of WPS buttons. Manage all network devices on the Tether app or at your router's web management page.
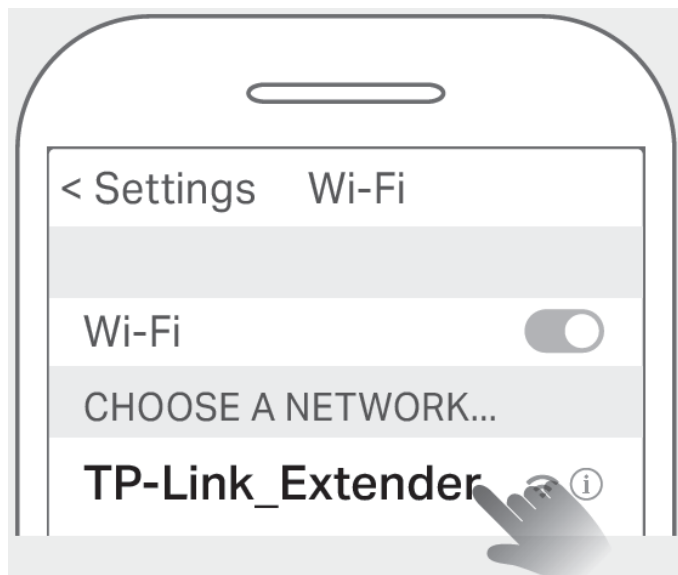To check full list of TP-Link One Mesh devices, scan the QR code, or visit **https://www.tp-link.com/onemesh/compatibility**.

FAQ(Frequently Asked Questions)

Q1. What should I do if the Tether app cannot find my device during setup?
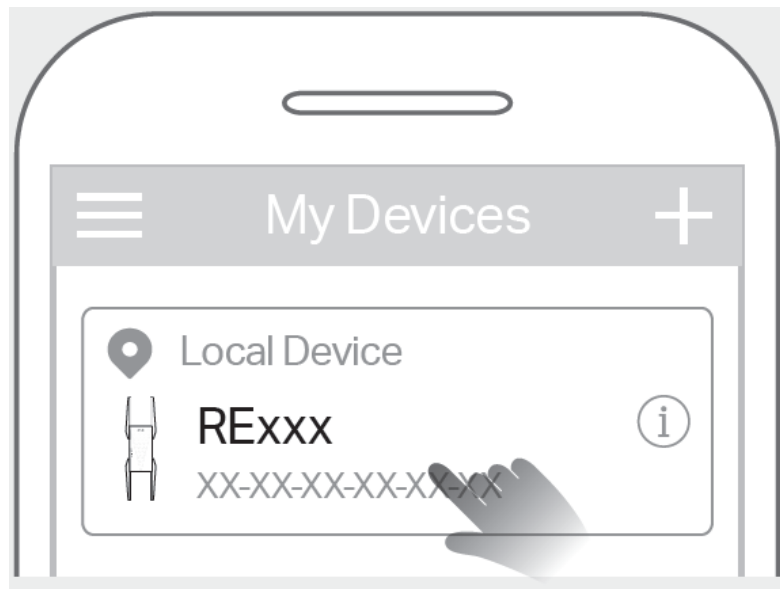Try another method by following the steps below:

1. Connect your smartphone to the extender's network TP-Link_Extender.

2. Launch the Tether app, and select your extender.

   Tip: If you have connected to the extender's Wi-Fi but still cannot find your device, try turning off your cellular data.
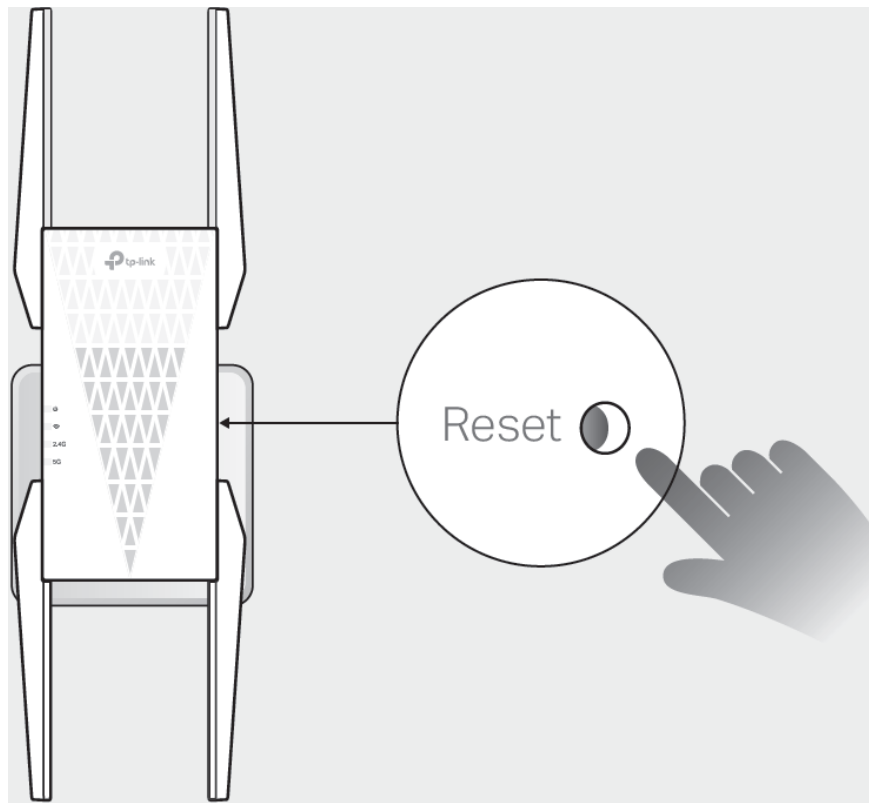
3. Follow app instructions to complete the setup.

If you are still having problems, contact our technical support.

Q2. What should I do if the LED doesn't turn solid on after completing setup via the Tether app or web browser?

- You may have entered incorrect Wi-Fi password for your host router during the configuration. Check the password and try again.
- Make sure the extender is close to your router, preferably within 16 feet, and away from large electrical appliances.
- If you have enabled wireless MAC filtering, wireless access control, or access control list (ACL) on your router, disable them first, then follow any method on the front page to complete the configuration.
- Try setting it up via the WPS button.
- Reset the extender and go through the configuration again. If you are still having problems, contact our technical support.

Q3. How do I reset the extender?

- With the extender powered on, use a pin to press the Reset button for 1 second. The extender will reboot.

- If you need more setup help, please visit **https://www.tp-link.com/support/faq/3074/**, or simply scan the QR code.

Safety Information

- Keep the device away from water, fire, humidity or hot environments.
- Do not attempt to disassemble, repair, or modify the device. If you need service, please contact us.
- Do not use the device where wireless devices are not allowed.
- The socket-outlet shall be installed near the equipment and shall be easily accessible.

Please read and follow the above safety information when operating the device. We cannot guarantee that no accidents or damage will occur due to improper use of the device. Please use this product with care and operate at your own risk.

TP-Link hereby declares that the device is in compliance with the essential requirements and other relevant provisions of directives 2014/53/EU, 2009/125/EC, 2011/65/EU and (EU) 2015/863. The original EU Declaration of Conformity may be found at **https://www.tp-link.com/en/support/ce**

TP-Link hereby declares that the device is in compliance with the essential requirements and other relevant provisions of the Radio Equipment Regulations 2017. The original UK Declaration of Conformity may be found at
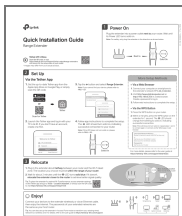
https://www.tp-link.com/support/ukca

To communicate with TP-Link users or engineers, please join the TP-Link Community at **https://community.tp-link.com**.

For technical support, replacement services, user manuals and other information, please visit **https://www.tp-link.com/support**, or simply scan the QR code.

Documents / Resources

	tp-link RE815X AXE5400 Mesh WiFi 6E Range Extender [pdf] Installation Guide RE815X, AXE5400 Mesh WiFi 6E Range Extender, RE815X AXE5400 Mesh WiFi 6E Range Extender, Mesh WiFi 6E Range Extender, WiFi 6E Range Extender, 6E Range Extender, Range Extender, Extender

References

- 🌐 **Trying to Configure the Range Extender? | TP-Link**
- 🐟 **TP-Link Community**
- 🐟 **CE Regulatory Compliance | TP-Link**
- 🐟 **TP-Link OneMesh Devices**
- 🐟 **TP-Link Product Support - Wireless Networking Equipment Support**
- 🐟 **Download Center | TP-Link**
- 🐟 **Range Extender Setup Help | TP-Link**
- 🐟 **How to place your wireless Range Extender for optimal reception and performance | TP-Link**
- 🐟 **Support Videos | TP-Link**
- 🐟 **Regulatory Compliance | TP-Link**