

Quick Installation Guide

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.

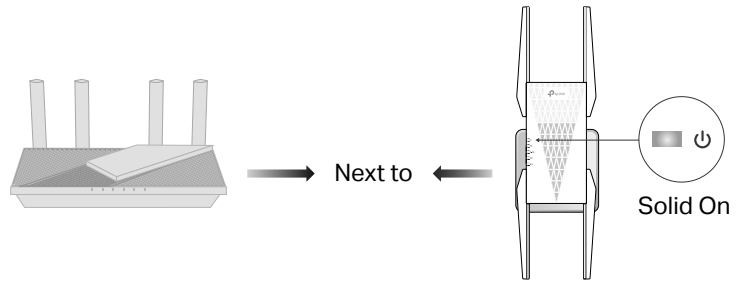


* Images may differ from your actual product.

1 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.



2 Set Up

Method 1: Via the WPS Button

1. Activate the WPS function on your router by pressing the WPS button.

Note: If you don't know how to do it, refer to your router's user manual, or you can use other methods to set it up.

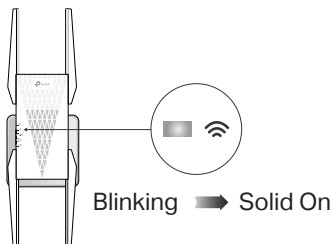


The WPS button might look like one of these:

2. Within 2 minutes, press the WPS button on the extender for 1 second, and the Wi-Fi LED starts blinking. Wait for the Wi-Fi LED, 2.4GHz LED, and 5GHz LED to turn solid blue, indicating a successful connection.

Notes:

1. If only the 2.4GHz or 5GHz LED is solid blue, check to see if the router has both 2.4GHz and 5GHz turned on. If both are turned on, try WPS again or use other methods.
2. WPA3 required for 6 GHz bands does not allow WPS connection. To connect to a router's 6 GHz band, please connect via the Tether app or web browser.



3. Done. You can connect to the extender's Wi-Fi.

Extended Network Names:

Router's network name with _EXT at the end
or
Same as your OneMesh router (see back for OneMesh details)

Passwords:

Same as your router

Method 2: 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.

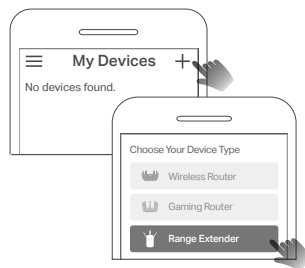


2. Launch the Tether app and log in with your TP-Link ID. If you don't have an account, create one first.

3. Tap the + button and select Range Extender.

Notes:

1. If you cannot find your device, please refer to FAQ > Q1.
2. Due to Tether app updates, your actual user interface and pathway may differ from those depicted here.

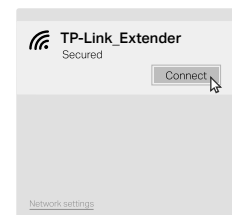


4. Follow app instructions to complete the setup. The Wi-Fi LED should turn solid on, indicating successful connection to your router.

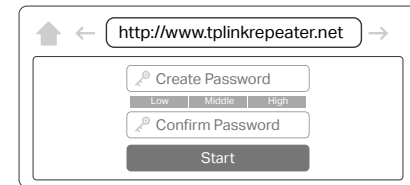
Note: If the LED does not turn solid on, please refer to FAQ > Q2.

Method 3: Via a Web Browser

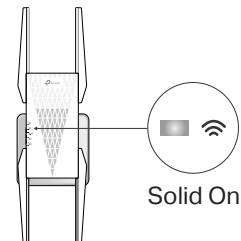
1. Connect your computer or smartphone to the extender's network TP-Link_Extender.



2. Visit <http://www.tplinkrepeater.net> or <http://192.168.0.254> in a web browser. Create a password to log in.



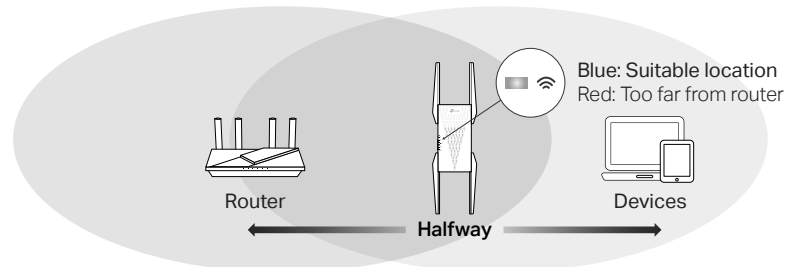
3. Follow web instructions to complete the setup.



3 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 Wi-Fi LED turns solid blue. If it doesn't, relocate the extender closer to the router to achieve better signal quality.

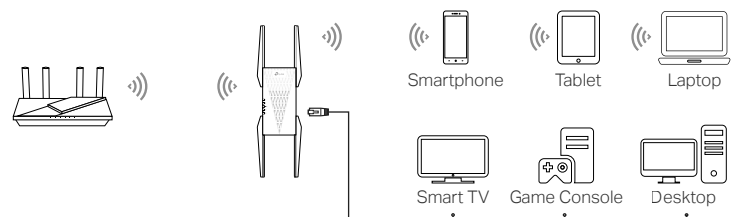
Tip: To place the extender for optimal Wi-Fi performance, access extender settings via the Tether app and go to find Location Assistant, or simply scan the QR code to visit <https://www.tp-link.com/support/faq/3103/>.



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 the main 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.

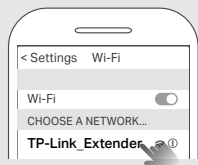
LED Explanation

LED	Status	Indication (For Range Extender Mode)
 (Power)	On/Off	The extender is on or off.
	Blinking	The system is starting up or firmware upgrade is in progress.
 (Signal)	Solid blue	The extender is connected to your router's wireless network and is in a suitable location.
	Solid red	The extender is receiving a weak signal. Try relocating it closer to your router.
	Blinking Off	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.
6 GHz	On/Off	The extender is connected or not connected to the 6 GHz wireless network of your router.

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 main router during the configuration. Check the password and try again.

OneMesh™ with Seamless Roaming

TP-Link OneMesh 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 OneMesh'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 OneMesh network with a push of WPS buttons. Manage all network devices on the Tether app or at your router's web management page.

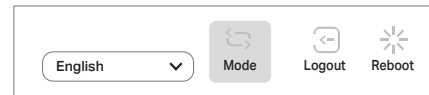
To check full list of TP-Link OneMesh devices, scan the QR code, or visit <https://www.tp-link.com/onemesh/compatibility>.



Access Point Mode (AP Mode)

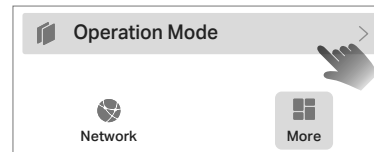
Stable wireless performance and wired connection with a main router required. To change your extender to **Access Point Mode**, do the following:

- a. By Web: **Login** → Find the **Mode** button on top.
For details, refer to the user guide at <https://www.tp-link.com/support>.



- b. By Tether: **Login** to your extender → Find the **Operation Mode**

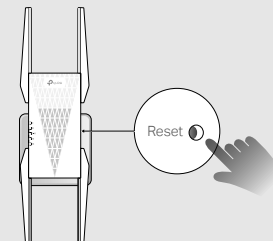
Note: Due to Tether app updates, images may differ from your actual user interface.



- 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.



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

