

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.

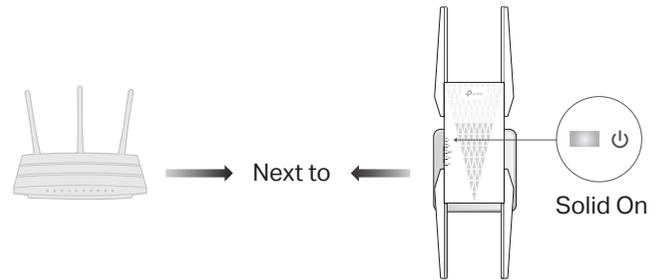


* Images may differ from your actual product.

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.



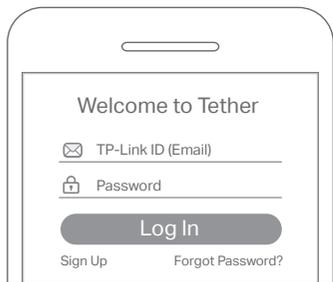
2 Set Up

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.

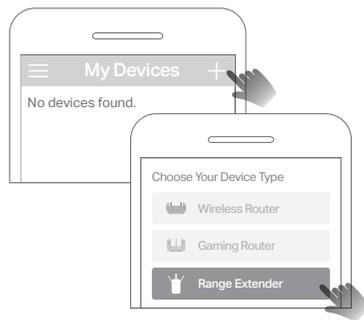


2. Launch the Tether app and log in with your TP-Link ID. If you don't have an account, create one first.



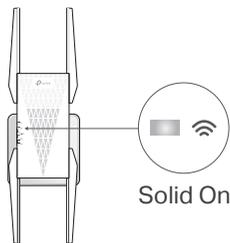
3. Tap the + button and select Range Extender.

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



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.



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 Wi-Fi LED should change from blinking to solid on, indicating successful connection.

Note: 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.

Extended Network Names:

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

Passwords:

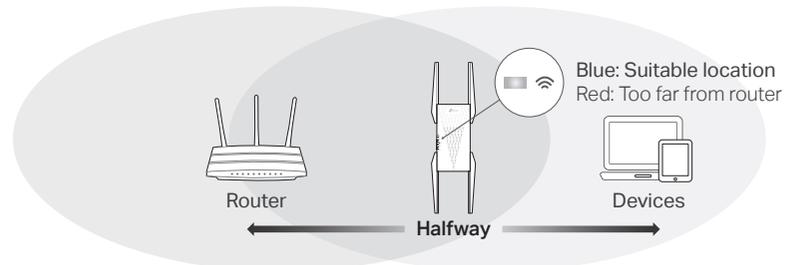
Same as your router

For more details, please refer to the user guide at <https://www.tp-link.com/support/download>.

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.

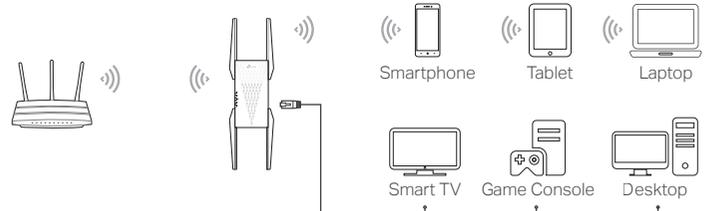
Tip: To place the extender for optimal Wi-Fi performance, access extender settings via the Tether app and go to Tools > Location Assistant, or simply scan the QR code to visit <https://www.tp-link.com/support/faq/3103/>.



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 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

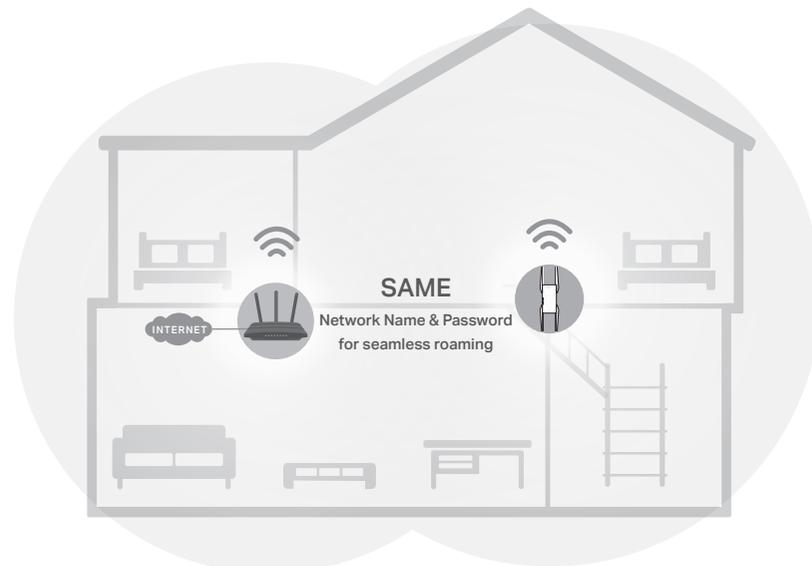
1. Connect your computer or smartphone to the extender's network. If you are using a computer, unplug the Ethernet cable if any.
2. Launch a web browser, enter <http://www.tplinkrepeater.net> in the address bar, and log in.
3. View or change extender settings as needed.

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	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.

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.

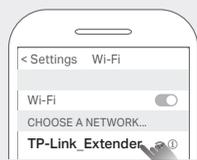
To check full list of TP-Link OneMesh devices, scan the QR code, or visit <https://www.tp-link.com/onemesh/compatibility>.



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.

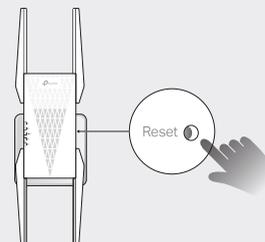
Q2. What should I do if the LED doesn't turn solid on after completing setup via the Tether app or web browser?

- 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.

This device is restricted to indoor use only. The operation of this device is prohibited on oil platforms, cars, trans, boats, and aircraft, except that operation of this device is permitted in large aircraft while flying above 10000 feet. Operation of transmitters in the 5.925-7.125 GHz band is prohibited for control of or communications with unmanned aircraft systems.

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>.

 If you have any suggestions or needs for our product guides, you are welcome to email techwriter@tp-link.com.cn.

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



FCC compliance information statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- 1) This device may not cause harmful interference.
 - 2) This device must accept any interference received, including interference that may cause undesired operation.
- Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

FCC RF Radiation Exposure Statement:

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.

"To comply with FCC RF exposure compliance requirements, this grant is applicable to only Mobile Configurations. The antennas used for this transmitter must be installed to provide a separation distance of at least 45 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter."

- FCC regulations restrict the operation of this device to indoor use only.
- The operation of this device is prohibited on oil platforms, cars, trains, boats, and aircraft, except that operation of this device is permitted in the 5.925–6.425 GHz bands in large aircraft while flying above 10,000 feet..
- Operation of transmitters in the 5.925-7.125 GHz band is prohibited for control of or communications with unmanned aircraft systems.

Canadian Compliance Statement

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- 1) L'appareil ne doit pas produire de brouillage;
- 2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Caution:The device for operation in the band 5150–5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems. DFS (Dynamic Frequency Selection) products that operate in the bands 5250- 5350 MHz, 5470-5600MHz, and 5650-5725MHz.

Avertissement:Le dispositif fonctionnant dans la bande 5150-5250 MHz est réservé uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux.

Les produits utilisant la technique d'atténuation DFS (sélection dynamique des fréquences) sur les bandes 5250- 5350 MHz, 5470-5600MHz et 5650-5725MHz.

Devices shall not be used for control of or communications with unmanned aircraft systems.

Devices shall not be used for control of or communications with unmanned aircraft systems.

Operation shall be limited to indoor use only.

Operation on oil platforms, automobiles, trains, maritime vessels and aircraft shall be prohibited except for on large aircraft flying above 3,048 m (10,000 ft).

Les appareils ne doivent pas être utilisés pour le contrôle ou la communication avec des systèmes d'aéronefs sans pilote.

Les appareils ne doivent pas être utilisés pour le contrôle ou la communication avec des systèmes d'aéronefs sans pilote.

Le fonctionnement doit être limité à une utilisation en intérieur uniquement.

L'opération sur les plates-formes pétrolières, les automobiles, les trains, les navires maritimes et les avions est interdite, sauf sur les gros avions volant au-dessus de 3 048 m (10 000 ft).

Radiation Exposure Statement:

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 27cm between the radiator & your body.

Déclaration d'exposition aux radiations:

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 27 cm de distance entre la source de rayonnement et votre corps.

Industry Canada Statement

CAN ICES-3 (B)/NMB-3(B)