



tp-link Omada Range Extender Installation Guide

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Contents [[hide](#)]

[1 Omada Range Extender](#)

[2 Specifications](#)

[3 Product Usage Instructions](#)

[3.1 1. Power On](#)

[3.2 2. Set Up](#)

[3.3 3. Relocate](#)

[4 FAQ](#)

[4.1 Q1: What should I do if I cannot find my device during setup?](#)

[4.2 Q2: What should I do if the LED does not turn solid on after setup?](#)

[4.3 Documents / Resources](#)

[4.3.1 References](#)

Omada Range Extender

Specifications

- Product: Range Extender
- Manufacturer: TP-Link
- Setup Methods: WPS Button, Tether App, Web Browser
- Network Compatibility: 2.4GHz and 5GHz bands
- App Compatibility: Apple App Store, Google Play

Product Usage Instructions

1. Power On

Plug the extender into a power outlet next to your router. Wait until its Power LED turns solid on.

2. Set Up

Method 1: Via the WPS Button

1. Activate the WPS function on your router by pressing the WPS button.
2. If you don't know how to do it, refer to your router's user manual or use other setup methods.

Method 2: Via the Tether App

1. Get the Tether app from the Apple App Store or Google Play.
2. Launch the app and log in with your TP-Link ID to set up the extender.

Method 3: Via a Web Browser

1. Connect your device to the extender's network TP-Link_Extender.
2. Press the WPS button on the extender for 1 second and wait for the LEDs to turn solid blue.
3. Visit <http://www.tplinkrepeater.net> or <http://192.168.0.254> to complete the setup.

3. Relocate

Plug in the extender halfway between your router and the Wi-Fi dead zone. Wait for the LED to turn solid blue for optimal signal quality.

FAQ

Q1: What should I do if I cannot find my device during setup?

If you cannot find your device, please refer to the troubleshooting section in the user manual or contact customer support for assistance.

Q2: What should I do if the LED does not turn solid on after setup?

If the LED does not turn solid on after setup, please check your connections, reset the extender, and refer to the troubleshooting guide in the user manual for further assistance.

[View Fullscreen](#)



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Quick Installation Guide

Range Extender

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.

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.

Next to

Solid On

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.

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.

The WPS button might look like one of these:

or

Scan for Tether

Tether

Method 3: Via a Web Browser

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

2. Within 2 minutes, press the WPS button on the

2. Launch the Tether app and log in with your TP-Link ID.

extender for 1 second, and the LED starts blinking. If you don't have an account, create one first.

Wait for the LED, 2.4GHz LED and 5GHz LED to turn solid blue, indicating a successful

connection.

3. Tap the button and select Range Extender.

Note: If only the 2.4GHz or 5GHz LED is solid blue, check to see if the router has both 2.4GHz and 5GHz bands turned on. If both are turned on, try WPS again or use other methods.

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.

Blinking

Solid On

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 EasyMesh router (see back for EasyMesh details) Passwords: Same as your router

My Devices

No devices found.

Choose Your Device Type Wireless Router Gaming Router Range Extender

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.

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

<http://www.tplinkrepeater.net>

Create Password

Low

Middle

High

Confirm Password

Start

3. Follow web instructions to complete the setup.

Solid On

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 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/>.

Router

Halfway

Blue: Suitable location Red: Too far from router

Devices

Enjoy!

· Connect your devices to the extender wirelessly or via an Ethernet cable, then enjoy the internet. The password of your extended network is the same as your main router.

· You can also change the extender to Access Point Mode to transform your existing wired network to a wireless one. For details, see Access Point Mode (AP Mode) on the back page.

Smartphone

Tablet

Laptop

Smart TV Game Console Desktop

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

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

The extender is connected or not connected to the 5 GHz On/Off wireless network of your router.

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>.

English

Mode

Logout Reboot

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.

Operation Mode

Network

More

EasyMesh-Compatible

You can experience strong, stable, and seamless wireless connections throughout your home with EasyMesh, a whole home mesh standard that works across different access points for ultimate flexibility.

Seamless Roaming Connects mobile devices to your routers or extenders that provide the best coverage. Devices compatible with EasyMesh also share a single Wi-Fi name so you stay connected in every room.

One-Click Settings Press the WPS button on the main router and the extender within 2 minutes of each other, then the EasyMesh network will set up.

Flexible Scalability Flexibly scale your home networking with different vendors,* different topologies, different Protocols and different product categories.

*TP-Link EasyMesh-compatible products can network with other devices that use EasyMesh. Failed connections may be due to firmware conflicts of different vendors. The EasyMesh-Compatible function is still being developed on some models and will be supported in subsequent software updates. This product is compatible with standardized EasyMesh technology but has not obtained the Wi-Fi EasyMesh™ certification.

For more information, visit <https://www.tp-link.com/easymesh/>.

Scan for Setup Video

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.

< Settings Wi-Fi

Wi-Fi CHOOSE A 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.

My Devices

Local Device RExxx XX-XX-XX-XX-XX-XX

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.

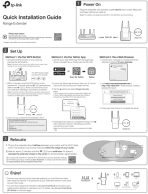
Safety Information

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

AX1500/AX1750/AX1800/AX3000 Wi-Fi 6 Range Extender
(RE505X/RE515X/RE603X/RE605X/RE705X)


RESET

Documents / Resources

	tp-link Omada Range Extender [pdf] Installation Guide Omada Range Extender, Range Extender, Extender
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References

- [User Manual](#)

 Extender, Omada Range Extender, Range Extender, TP-Link

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