tp-link

Quick Installation Guide

Range Extender

RE300

Need setup videos?
Scan the QR code, or visit
https://www.tp-link.com/download/RE300.html

1 Power On

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

Next to

Solid On
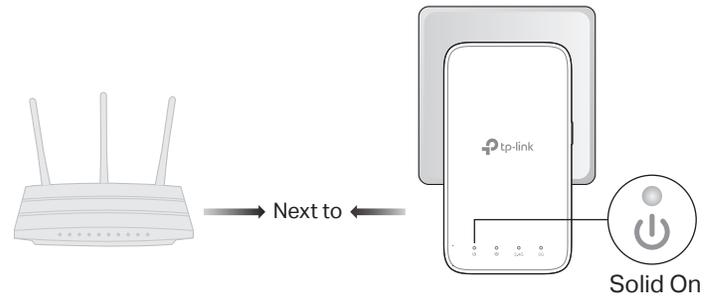
2 Set Up

Method 1: Via the Tether App

1. Get the up-to-date Tether app.

Download on the App Store

GET IT ON Google Play

or

Scan for Tether   Tether

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

< Settings   Wi-Fi

Wi-Fi

CHOOSE A NETWORK...

TP-Link_Extender
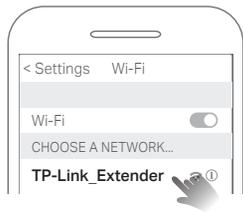
3. Launch the Tether app, and select your extender. Create a password to log in.

My Devices

Local Device
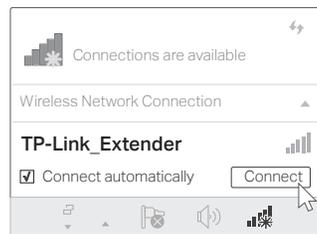
REXXX
XX-XX-XX-XX-XX-XX

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, refer to **FAQ > Q2**.

Solid On

Method 2: Via a Web Browser

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

Connections are available

Wireless Network Connection

TP-Link_Extender

☑ Connect automatically   Connect

2. Launch a web browser, and enter http://tplinkrepeater.net or http://192.168.0.254 in the address bar. Create a password to log in.

Note: If the login window does not appear, refer to **FAQ > Q1**.

http://tplinkrepeater.net

Create Password
Low   Middle   High
Confirm Password
Start

3. Follow web 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, refer to **FAQ > Q2**.

Solid On

Method 3: Via the WPS Button

1. Press the WPS button on your router.

The WPS button might look like one of these:

WPS

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, try again or use Method 1 or 2.

Blinking ➡ Solid On
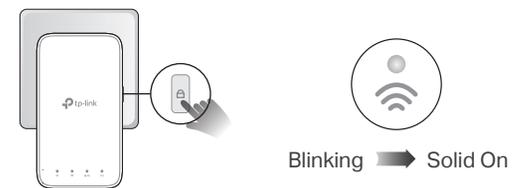
3. If the extender connects to a dual band router, repeat steps 1 and 2 above to connect to the other band.
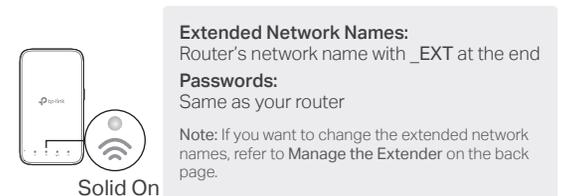
Extended Network Names:
Router's network name with _EXT at the end
Passwords:
Same as your router

Note: If you want to change the extended network names, refer to **Manage the Extender** on the back page.

Solid On

If you cannot find the network names with _EXT in your Wi-Fi network list, this means that the extender has been connected to a OneMesh router and automatically copied its Wi-Fi settings. See back for more information.

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 white**. If it doesn't, **relocate the extender closer to the router** to achieve better signal quality.

Tip: For more intuitive location assistant, access extender settings via the Tether app and go to **Tools** > **Location Assistant**.

White: Suitable location
Red: Too far from router

Router   Devices
Halfway

☺ Enjoy the internet!
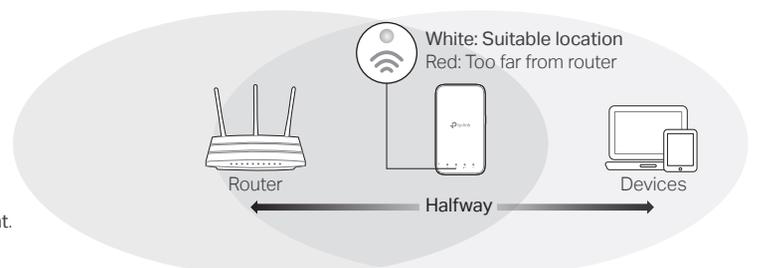
Manage the Extender

After setup, you can manage the extender via any of the methods below.
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. Manage the extender 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://tplinkrepeater.net in the address bar, and log in.
   Note: If the login window does not appear, refer to FAQ > Q1.
3. Manage the extender 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 is being upgraded.
📶 (Signal)	Solid white	The extender is connected to your router's wireless network and is in a suitable location.
	Solid red	The extender is experiencing poor signal strength. Try relocating it closer to your router.
	Blinking	WPS connection is in progress.
	Off	No wireless connection is established.
2.4GHz	On/Off	The extender is connected or not connected to the 2.4GHz wireless network of your host router.
5GHz	On/Off	The extender is connected or not connected to the 5GHz wireless network of your host 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.
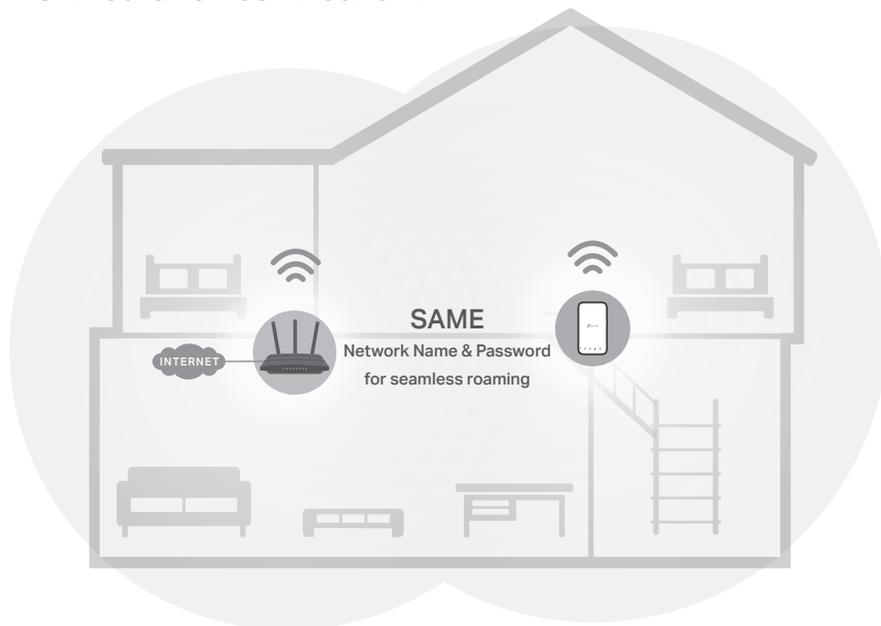
Easy Setup and Management
Set up a OneMesh network with a push of WPS buttons. Manage all network devices on the Tether app or at your router's web management page.

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

Unified OneMesh Network

SAME
Network Name & Password
for seamless roaming

FAQ (Frequently Asked Questions)

Q1. What should I do if I cannot access the extender's web management page?

- Make sure your computer or smartphone has connected to the extender's network, and not that of your router. If your router and extender share the same network name, use the Tether app.
- If you are using a computer, make sure it is set to obtain an IP address and DNS server address automatically.
- Verify that http://tplinkrepeater.net or http://192.168.0.254 is correctly entered in the web browser and press Enter. Note that http://192.168.0.254 applies only for extenders with factory default settings.
- Use another web browser and try again.
- Reboot or reset the extender and try again.

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 passwords for your host networks during the configuration. Check the passwords 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 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.
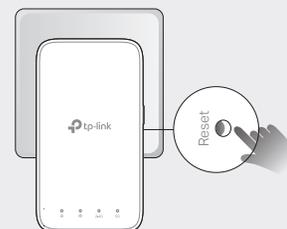
Safety Information

- Keep the device away from water, fire, humidity or hot environments.
- Do not attempt to disassemble, repair, or modify the device.
- 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 and 2011/65/EU. The original EU declaration of conformity may be found at http://www.tp-link.com/en/ce.