

Quick Installation Guide N300 Mini WiFi Repeater

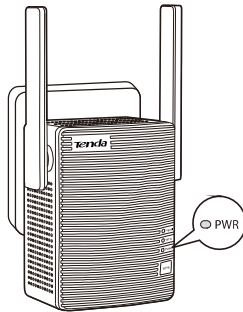
Model: A301

PWR LED	Solid on	The repeater has started.
	Blinking	The repeater is starting.
	Off	The repeater is not powered on.
WPS LED	On	A WPS connection has been established.
	Blinking	A WPS connection is being established.
	Off	The WPS function is disabled.
Signal LED	Solid blue	The repeater has connected to your existing WiFi router/modem, and its position is proper.
	Solid red	The repeater is too far away from the router/modem. Relocate the repeater closer to the router/modem.
	Off	The repeater does not connect to your WiFi router/modem.

Method 1: Extending Your WiFi Network Using Web UI

1 Power on the Repeater

Plug the repeater into a power outlet near the router in the same room.

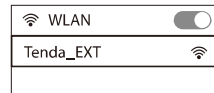


Wait until the PWR LED turns solid blue.

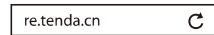
2 Extend Your WiFi Network

1. Connect your WiFi device to the repeater's WiFi network **Tenda_EXT**.

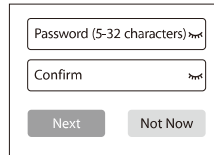
Ensure that the **Mobile Data** (if any) function of your WiFi device is disabled.



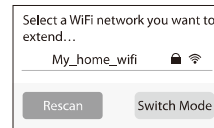
2. Start a web browser, enter **re.tenda.cn** or **192.168.0.254** in the **address bar** to log in.



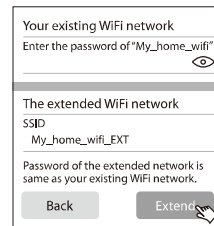
3. Create a login password for later login (recommend).



4. Select a WiFi network (SSID) you want to extend.



5. Enter the password of the WiFi network you want to extend. Set your repeater's SSID (optional), and click **Extend**.



Wait a moment, the **Extended successfully!** page appears.

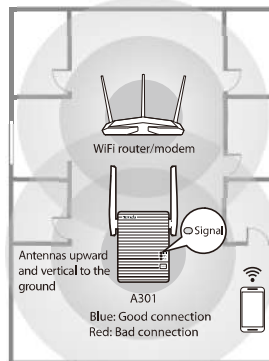
3 Relocate the Repeater

For better performance, follow the on-screen tips or the steps below to relocate your repeater.

1. Plug the repeater into an outlet halfway between the router/modem and the WiFi dead zone.

The location you choose must be within the range of your existing WiFi network.

2. Wait until the Signal LED turns blue. If not, relocate the repeater closer to the router/modem.



4 Connect to the Internet

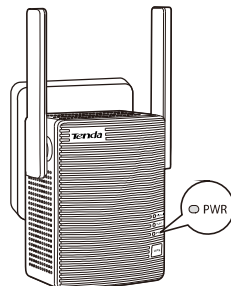
Connect your WiFi devices to the repeater using the SSIDs set by yourself, or your router's/modem's SSID with the suffix **_EXT**, and using the WiFi password same as your existing WiFi network.

Method 2: Extending Your WiFi Network Using WPS

You can use Method 2 if your router/modem has a WPS button, which may be indicated by , , or . Otherwise, use **Method 1**.

1 Power on the Repeater

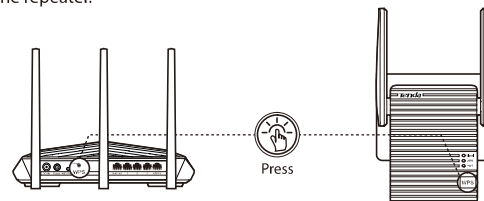
Plug the repeater into a power outlet near the router in the same room.



Wait until the PWR LED turns solid blue.

2 Extend Your WiFi Network

1. Press the WPS button on the router and within 2 minutes press the WPS button on the repeater.



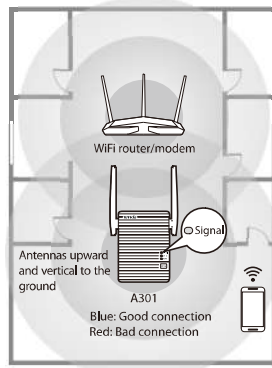
2. Wait until the Signal LED on the repeater turns solid blue or red. If not, try **Method 1**.

3 Relocate the Repeater

1. For better performance, plug the repeater into an outlet halfway between the router/modem and the WiFi dead zone.

The location you choose must be within the range of your existing WiFi network.

2. Wait until the Signal LED turns solid blue. If not, relocate the repeater closer to the router/modem.



4 Connect to the Internet

Connect your WiFi devices to the extended network using the SSIDs of your WiFi router's/modem's SSID with the suffix **_EXT**, and WiFi password same as your existing WiFi network.

FAQ

Q1: I cannot login to the web UI of the repeater. What should I do?

Try the following solutions:

- If a WiFi device is used, ensure that your WiFi device has connected to the repeater's WiFi network **Tenda_EXT**, and the **Mobile Data** (if any) function is disabled.
- If a computer is used, ensure that your computer has connected to the repeater's WiFi network **Tenda_EXT**, and your computer has set to **Obtain an IP address automatically** and **Obtain DNS server address automatically**. Or unplug the Ethernet cable.
- Reset the repeater, and try again.

Q2: How to reset the repeater?

When the PWR LED of the repeater is solid on, press the RESET button on the repeater using a paper clip, and release. After the PWR LED turns solid on, the repeater is restored to the factory settings.

Q3: The repeater cannot find the WiFi network of my router/modem. What should I do?

- Ensure that the WiFi network of your router/modem is enabled and can be detected by your WiFi device.
- Change the channel of your router/modem, and try again.
- Change the encryption type of the router/modem to WPA-PSK or WPA2-PSK, and try again.



CE Mark Warning

This is a Class B product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

--for PLUGGABLE EQUIPMENT, the socket-outlet shall be installed near the equipment and shall be easily accessible.

NOTE: (1) The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment.

(2) To avoid unnecessary radiation interference, it is recommended to use a shielded RJ45 cable.

Declaration of Conformity

Hereby, SHENZHEN TENDA TECHNOLOGY CO., LTD. declares that the radio equipment type A301 is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address: <http://www.tendacn.com/en/service/download-cata-101.html>.

Operate Frequency: **Software Version:** V15.13.08.10

2.4G: EU/2400-2483.5MHz (CH1-CH13)

EIRP Power (Max.):

2.4GHz: 19.5dBm



FCC 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, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Radiation Exposure Statement

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment and it also complies with Part 15 of the FCC RF Rules.

This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Operate Frequency: 2.4G: US/2400-2483.5MHz (CH1-CH11)

Caution:

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

NOTE: (1) The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. (2) To avoid unnecessary radiation interference, it is recommended to use a shielded RJ45 cable.



RECYCLING

This product bears the selective sorting symbol for Waste electrical and electronic equipment (WEEE). This means that this product must be handled pursuant to European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment. User has the choice to give his product to a competent recycling organization or to the retailer when he buys a new electrical or electronic equipment.

Operating temperature: 0°C~40°C Operating humidity: (10-90)% RH, non-condensing



Technical Support

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