

Quick Installation Guide

Dual Band WiFi Repeater
A18/A15

(A18 is used for illustration in this guide)

Package contents

- WiFi repeater × 1
- Ethernet cable × 1
- Quick installation guide × 1

For product or function details, please go to www.tendacn.com to download the user guide.

LED Descriptions

LED indicator	Status	Description
PWR	Solid on	The repeater is connected to a power source properly.
	Off	The repeater is not powered on.
Signal	Solid blue	The repeater has connected to your existing WiFi router, and its position is proper.
	Solid red	The repeater is too far away from the router. Relocate the repeater closer to the router.
	Off	The repeater does not connect to your WiFi router.
WPS	Solid on	A WPS connection has been established.
	Blinking	A WPS connection is being established.
	Off	The WPS function is disabled.

Buttons and ports

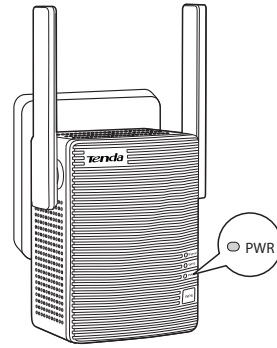
Button/Port	Description
WPS	Press the button of the router, and enable the WPS function of another device within 2 minutes to establish a WPS connection.
RESET	When the PWR LED of the repeater is solid on, hold down this button using a needle, and release it when all the LED indicators blink once then turn off. When the PWR LED indicator turns solid on again, it is reset successfully.
LAN port	- In repeater mode, it is used to connect to a computer or an IPTV STB. - In AP mode, it is used to connect to your wired router to provide wireless network for wireless devices.

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 indicator turns solid on.

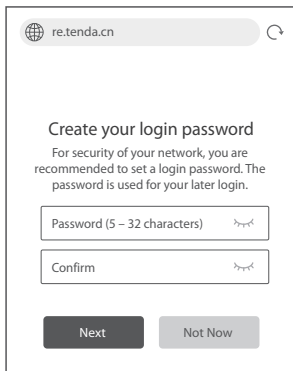


2 Extend your WiFi network

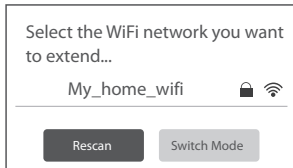
1. Connect your WiFi device to the repeater's SSID **Tenda_EXT**. Ensure that the **Mobile Data** (if any) function of your WiFi device is disabled.
2. After connecting to the repeater's SSID, you will be directed to the quick setup page. If not, start a web browser, and access **re.tenda.cn** or **192.168.0.254** in the address bar.



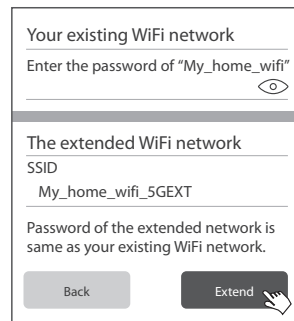
3. Create a login password for security (recommend) and click **Next**.



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



5. Enter the password for the selected WiFi network. Modify your repeater's SSID (optional), and click **Extend**.

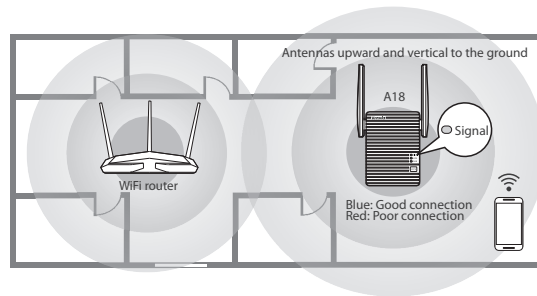


Wait until the **Extended successfully** page appears.

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 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.



4 Connect to the Internet

Connect your WiFi devices to the repeater using the SSIDs set by yourself, or your router's SSID with the suffix **_EXT** or **_SGEXT** if they are not changed, and using the WiFi password which is the same as your router.

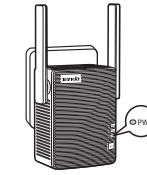
Method 2:

Extending your WiFi network using WPS

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

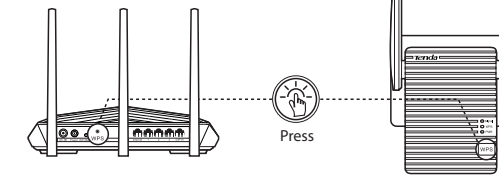
1 Power on the repeater

Plug the repeater into a power outlet near the router in the same room.
Wait until the PWR LED turns solid on.



2 Extend your WiFi network

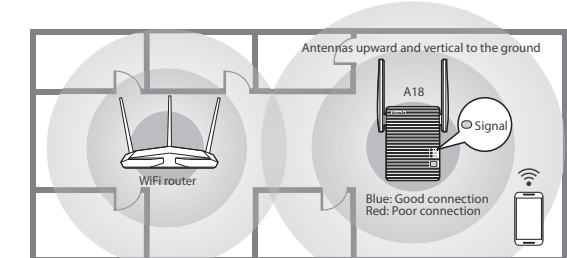
1. Press the WPS button on the router. Within 2 minutes, press the WPS button on the repeater.



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 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.



4 Connect to the Internet

Connect your WiFi devices to the repeater. The repeater's SSIDs are your WiFi router's SSID with a suffix **_EXT** or **_SGEXT**. The WiFi password of the repeater is the same as your WiFi router.

FAQ

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

A1: 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**.

- Reset the repeater, and try again.

Q2: How to reset the repeater?

A2: When the PWR LED of the repeater is solid on, press the RESET button on the repeater using a needle, and release it when all the LED indicators blink once then turn off. After the PWR LED turns solid on, the repeater is restored to the factory settings successfully.

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

A3: Try the following solutions:

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



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 is restricted to be used in the indoor.
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.



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.
Operations in the 5.15-5.25GHz band are restricted to indoor use only.
This equipment should be installed and operated with minimum distance 20cm between the device and your body.
The mains plug is used as disconnect device, the disconnect device shall remain readily operable.
For passthrough devices, plug the power strips into the integrated electrical sockets of the devices, but devices of the same or another type not be stacked in normal use.

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 A18 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>.

Declaration of Conformity

Hereby, SHENZHEN TENDA TECHNOLOGY CO. LTD. declares that the radio equipment type A15 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>.

Operating Frequency: 2.4G: EU/2400-2483.5MHz (CH1-CH13) EIRP Power (Max.): 2.4GHz: 19.5dBm Software Version: V02.03.01.116
5G: EU/5150-5250MHz (CH36-CH48) 5GHz: 20.5dBm

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 device and your body.

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.

IC RSS warning Industry Canada (RSS-Gen Issue 4)

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 les dispositifs fonctionnant dans la bande 5150-5250 MHz sont réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux
This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions:
(1) This device may not cause interference; and
(2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie 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'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

IC Radiation Exposure Statement:

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

Cet émetteur ne doit pas être Co-placé ou ne fonctionnant en même temps qu'aucune autre antenne ou émetteur. Cet équipement devrait être installé et actionné avec une distance minimum de 20 centimètres entre le radiateur et votre corps.

The device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS-102 RF exposure, users can obtain Canadian information on RF exposure and compliance.

Le dispositif rencontre l'exemption des limites courantes d'évaluation dans la section 2.5 de RSS 102 et la conformité à l'exposition de RSS-102 rf, utilisateurs peut obtenir l'information canadienne sur l'exposition et la conformité de rf.

Operating Temperature: 0 °C - 40 °C Operating Humidity: (10% - 90%) RH, non-condensing



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.

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