

Quick Installation Guide

AC1200 Dual Band WiFi Repeater

A18



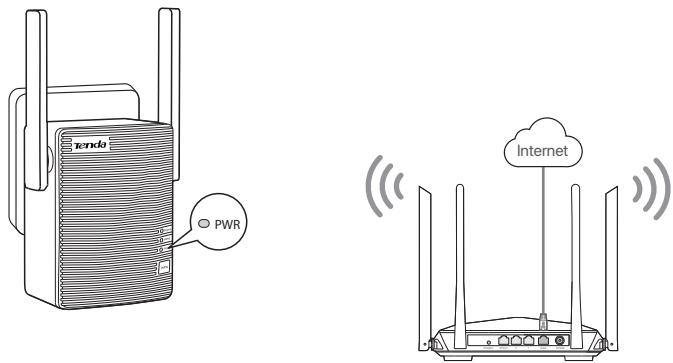
Scan the QR code or visit www.tendacn.com for installation videos, technical specifications, user guides and more information.

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You can see the product name and model on the product label. The label can be found on the back of the device.

1. Power on the repeater

Plug the repeater into a power outlet near the WiFi router. Ensure that the **PWR** LED indicator is solid on.



2. Connect the repeater to the internet

Method 1: Set up the repeater by web UI

①. Connect the client to the repeater.

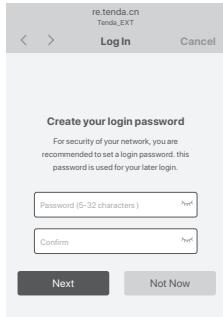
Method 1: Connect the WiFi-enabled device such as a smartphone to the Wi-Fi network of repeater.

Method 2: Use an Ethernet cable to connect the computer to the LAN port of the repeater.

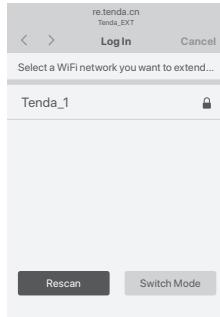
Tips

The default Wi-Fi name (SSID) is Tenda_EXT. By default, it has no password.

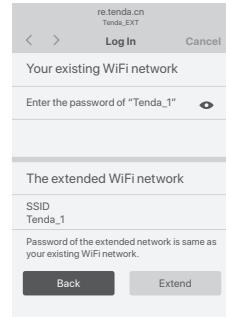
③. Create a login password for security (recommend) and click **Next**.



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



⑤. If the WiFi network you chose is encrypted, enter the password for the selected WiFi network. Modify your repeater's SSID (optional), and click **Extend**.



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

Method 2: Set up the repeater by WPS button

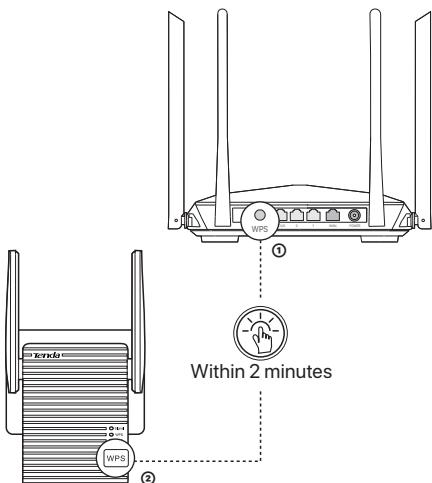
Tips

This method is applicable for the WiFi router having a WPS button, which may be indicated by or .

①. Press the **WPS** button on the WiFi router to enable its WPS function.

②. Within 2 minutes, press the **WPS** button (1-3s) on the repeater.

The **WPS** LED indicator blinks. When the **WPS** LED indicator lights solid on, and the **Signal** LED indicator lights solid on, the setup is successful.



3. Relocate the repeater

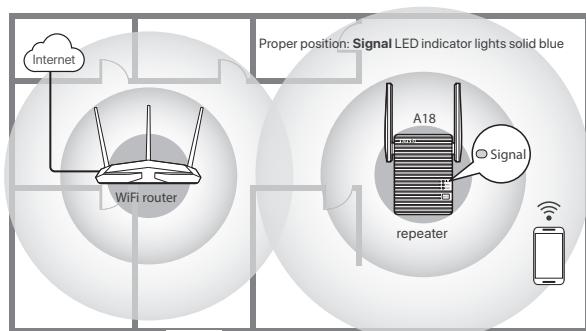
①. Refer to the following relocation tips to locate the repeater to obtain a better performance.

- Place the repeater between the WiFi router and the WiFi dead zone (within the coverage of the router).
- Keep your repeater away from electronics with strong interference, such as microwave ovens, induction cookers, and refrigerators.
- Place the repeater in a high position with few obstacles.
- Unfold the antennas and point them vertically upwards.

②. Observe the **Signal** LED indicator of the repeater to ensure the repeater is located in the proper position.

- Solid blue: Extended with good connection quality
- Solid red: Extended with poor connection quality

③. If the connection quality is poor, move the repeater closer to the WiFi router.



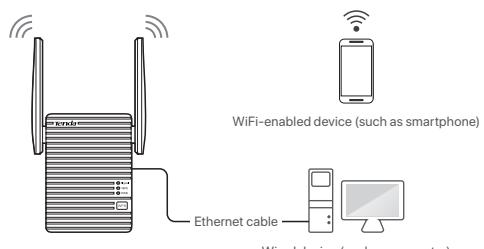
4. Connect clients to the internet

WiFi-enabled device: Connect to the WiFi network of repeater.

After extending, the WiFi name and WiFi password of the repeater are shown in the table below.

	If the repeater is set via the Web UI	If the repeater is set via the WPS button
WiFi name	WiFi name you set Or Your WiFi router's SSID with the suffix _EXT or _5GEXT	Your WiFi router's SSID with the suffix _EXT or _5GEXT
WiFi password	Same as the router	Same as the router

Wired device: Connect to the LAN port of repeater using an Ethernet cable.



LED indicators

LED indicator	Status	Description
Signal	Solid blue	Extended successfully, and the connection quality is good
	Solid red	Extended successfully, and the connection quality is poor
	Off	The repeater does not connect to your WiFi router
WPS	Solid on	A WPS connection has been established
	Blinking	Performing WPS negotiation with a WiFi router
	Off	The WPS function is disabled
PWR	Solid on	Powered on
	Off	Powered off

FAQ

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

A1: - If you are using a wireless client, such as a smartphone:

• Ensure that your smartphone has connected to the Wi-Fi network of the repeater.

Before extending: Use the default Wi-Fi name (SSID): Tenda_EXT.

After extending: Reconnect the repeater's WiFi by referring to **4 Connect clients to the internet**.

• Ensure that the **Mobile Data** (if any) function is disabled.

- If you are using a wired client, such as a computer:

• Ensure that your computer is set to **Obtain an IP address automatically** and **Obtain DNS server address automatically**.

• Ensure that you enter re.tenda.cn or **192.168.0.254** in the **address bar** (not searching bar) of the browser.

- If the problem persists, reset the repeater by referring to **Buttons and ports**, and then log in again.

Q2: The repeater cannot find the WiFi network of my router. What should I do?

A2: - Ensure that your smartphone can detect the WiFi network of your WiFi router. If not, change your router's settings: turn off **Hide SSID**, do not combine 2.4GHz and 5GHz into one SSID, and try again.

- Change the channel of your WiFi router, and try again.

- Change the encryption type of the WiFi router to WPA-PSK or WPA2-PSK and try again.

Q3: How to reset the repeater?

A3: See **Buttons and ports**.

Safety Precautions

Before operating, read the operation instructions and precautions to be taken, and follow them to prevent accidents. The warning and danger items in other documents do not cover all the safety precautions that must be followed. They are only supplementary information, the installation and maintenance personnel need to understand the basic safety precautions to be taken.

- The device is for indoor usage only.

- The equipment is only suitable for mounting at heights ≤ 2m.

- Do not use the device in a place where wireless devices are not allowed.

- Clean only with dry cloth.

- Do not block any ventilation openings, such as newspapers, table-cloth, curtains.

- To avoid electrical shocks, do not insert any object into the ventilation openings.

- Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus that produce heat.

- Unplug this device during lightning storms or when unused for long periods of time.

- The mains plug is used as the disconnect device, which shall remain readily operable.

- Operating environment: Temperature: 0°C - 40°C (32°F - 104°F); Humidity: (10% - 90%) RH, non-condensing; Storage environment: Temperature: -40°C - 70°C (-40°F - 158°F); Humidity: (5% - 90%) RH, non-condensing.

- Warning: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. The apparatus shall not be exposed to dripping or splashing.

- Warning: To reduce the risk of electric shock, do not remove cover as there are no user-serviceable parts inside. Refer servicing to qualified personnel.

- Refer all servicing to qualified service personnel.

- Disconnect the power source during servicing.

For latest safety precautions, see **Safety and Regulatory Information** on www.tendacn.com



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.

The device is for indoor usage only.

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 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.

Operating frequency: 2412-2462MHz, 5150-5250MHz, 5725-5850MHz

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.



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.

LA OPERACIÓN DE ESTE DISPOSITIVO ESTA SUJETA A LAS SIGUIENTES CONDICIONES:

a) Es posible que este equipo o dispositivo no cause interferencia perjudicial.

b) Este equipo o dispositivo debe aceptar cualquier tipo de interferencia, incluyendo la que pueda causar su operación no deseada.

Estimado usuario: Antes de utilizar este producto lo invitamos a leer el siguiente manual para que conozca todas sus funciones y características.

Producto	NOMBRE DEL PRODUCTO: Repetidor WiFi de Doble Banda AC1200 MODELO: A18
Alimentador de Energía: Alimentación: 100V - 240V ca 50Hz/60Hz, 0.3A	
PAÍS DE ORIGEN: CHINA	

Technical Support

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V1.1 Keep for future reference.

Buttons and ports

Button/Port	Description
WPS	For instructions, see Method 2 in Connect the repeater to the internet .
RESET	Reset button. With your repeater powered on, press the reset button (RESET) using a paper clip. All the LED indicator lights up then turn off. When the PWR LED turns solid on again, the repeater is restored to the factory settings.
	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.

CE 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 a minimum distance 20cm between the device and your body.

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 device (WiFi Repeater) is in compliance with Directive 2014/53/EU.

The full text of the EU Declaration of Conformity is available at the following internet address:
<https://www.tendacn.com/download/list-9.html>

Restrictions in the 5 GHz Band

	AT	BE	BG	CH	CY	CZ	DE	DK	EE	EL	ES	FI	FR	HR	HU	IE
	IS	IT	LI	LT	LU	LV	MT	NL	NO	PL	PT	RO	SE	SI	SK	UK(NI)



English-Attention: In EU member states, EFTA countries, Northern Ireland and Great Britain, the operation in the frequency range 5150MHz - 5250MHz is only permitted indoors.

Polski-Uwaga: W państwach członkowskich UE, krajach Europejskiego Stowarzyszenia Wolnego Handlu (EFTA), Irlandii Północnej i Wielkiej Brytanii praca w zakresie częstotliwości 5150 MHz - 5250 MHz jest dozwolona tylko w pomieszczeniach.

Deutsch-Achtung: In den EU-Mitgliedsstaaten, den EFTA-Ländern, Nordirland und Großbritannien ist der Betrieb im Frequenzbereich 5150 MHz - 5250 MHz nur in Innenräumen erlaubt.

Français-Attention: Dans les États membres de l'UE, les pays de l'AEC, l'Irlande du Nord et la Grande-Bretagne, l'utilisation dans la gamme de fréquences 5150 MHz - 5250 MHz n'est autorisée qu'en intérieur.

Nederlands-Aandacht: In de EU-lidstaten, de EVA-landen, Noord-Ierland en Groot-Brittannië is gebruik in het 5150 MHz - 5250 MHz frequentiebereik alleen binnenhuizen toegestaan.

Croatia-Pozor: V členskih državah EU, zemljah EFTA, Severni Irskih in Veliki Britaniji je provoz te frekvencičnim razponom 5150 MHz - 5250 MHz povolen v izvenre.

Romania-Atenție: În statele membre UE, țările EFTA, Irlanda de Nord și Marea Britanie, operaarea în intervalul de frecvență 5150 MHz - 5250 MHz este permisă numai în interior.

Portuguese-Atenção: Nos estados membros da UE, países da EFTA, Irlanda do Norte e Grã-Bretanha, o funcionamento na gama de frequências 5150 MHz - 5250 MHz só é permitido no interior.

Swedish-Varning: I EU-medlemsländerna, EFTA-länderna, Nordirland och Storbritannien är det endast tillåtet att använda frekvensområdet 5150 MHz - 5250 MHz inomhus.

Spanish-Advertencia: En los Estados miembros de la Unión Europea, EFTA, Irlanda del Norte y Gran Bretaña, el uso de la frecuencia operativa de 5150MHz - 5250MHz solo está permitido en interiores.

Estonian-Tähelepanu: EL-i liikmesriikides, EFTA riikides, Põhja- ja lääne-Eestis ja Suurbritannias ja Euroopa Liidus ei ole 5150MHz - 5250MHz kasutamine lubatud ainult sisseruumides.

Dansk-Bemærk: I EU-medlemslandene, EFTA-landene, Nordirland og Storbritannien er drift i frekvensområdet 5150 MHz - 5250 MHz kun tilladt indendørs.

Italiano-Attenzione: Negli Stati membri dell'UE, nei Paesi EFTA, nell'Isola del Nord e in Gran Bretagna, il funzionamento nella gamma di frequenze 5150 MHz - 5250 MHz è consentito solo in ambienti chiusi.

Bulgarsки-Внимание: В страните-членки на ЕС, страните от ЕАЕС, Северна Ирандия и Великобритания, работата в честотния диапазон 5150MHz - 5250MHz е разрешена само на закрито.

Español-Atención: En los estados miembros de la UE, los países de la AEC, Irlanda del Norte y Gran Bretaña, el rango de frecuencia operativa de 5150MHz - 5250MHz solo está permitido en interiores.

Eesti-Tähelepanu: EL-i liikmesriikides, EFTA riikides, Põhja- ja lääne-Eestis ja Suurbritannias ja Euroopa Liidus ei ole 5150MHz - 5250MHz kasutamine lubatud ainult sisseruumides.

Dansk-Driftsfrekvens/Maks. Udgangsleistung: I EU-medlemslandene, EFTA-landene, Nordirland og Storbritannien er drift i frekvensområdet 5150 MHz - 5250 MHz kun tilladt indendørs.

Italiens-Uzmanıbu: ES valistis, EBTA valistis, Ziemeljīnja un Liebelānīja, operējotās iekštelpas ir atjauno tika 5150 MHz - 5250 MHz dažānu diapazonu.

Ietvju-Užemis: Operējotās frekvences/ Maksimālā jauda 5150 MHz - 5250 MHz dažānu diapazonu.

Slovenščina-Pozor: V državah članicah EU, državah EFTA, Severni Irski in Veliki Britaniji delovanje v frekvenčnem območju 5150 MHz - 5250 MHz dovoljeno samo v zaprtih prostorih.

Norsk- OBS: I EU-medlemslandene, EFTA-land, Nordirland og Storbritannien er drift i frekvensområdet 5150 MHz - 5250 MHz kun tillatt innendørs.

Íslenska-Athugið: Íslenskumarkaðurinn ESB, EFTA-löndum, Norður-Írlandi og Bretlandi er rekstur á tíðnisviðinu 5150 MHz - 5250 MHz aðeins leyfður innandyra.

Türkçe: Çalışma Frekansı/Maks. Çıkış Güçü

Українська: Робоча частота/максимальна вихідна потужність

عربي: تردد التشغيل / الحد الأقصى لطاقة الإخراج

2412MHz-2472MHz/20dBm

5150MHz-5250MHz(indoor use only)/23dBm

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 license-exempt RSS. 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:

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.

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 device 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.

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

"Este equipamento não tem direito à proteção contra interferência prejudicial e não pode causar interferência em sistemas devidamente autorizados."

