# Quick Installation Guide

Applicable Model: AC1200M

1. Product Overview

The Urant Wireless Router is connected to your router wirelessly, strengthening its signal and expanding its coverage into areas that could not otherwise be reached. The device also reduces signal interference to ensure reliable Wi-Fi coverage throughout your home or office. Easy Installation & Quick Position. The extender works with any standard wireless router. Follow the Quick Setup instructions on the extender's web management page. Once the extender is connected to a router, you can relocate it to your preferred location with no further configuration required. The intelligent signal light can help to find the best location.

2. Appearance
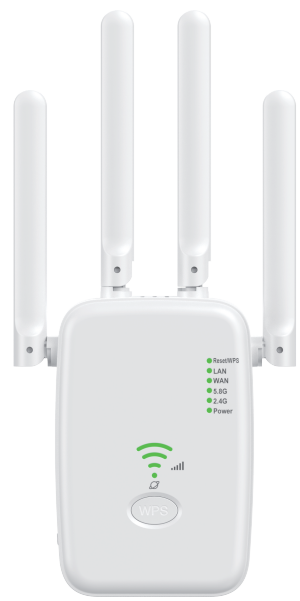
Antennas
Used for wireless operation and data transmit.
Upright them for the best Wi-Fi performance.

Tips:
1. If this is not the first time setting, please press and hold the RESET button inside the tiny hole for 8 seconds and wait for the WiFi signal function to recover before reset.
2. Successfully set the repeater mode next to the router, and then try to move the repeater to another reasonable position, and the model behind the repeater is stronger.
3. If you need to reset the 1200M Wireless Repeater, you need to press and hold the reset button inside the tiny hole for 8 seconds.

Reset button
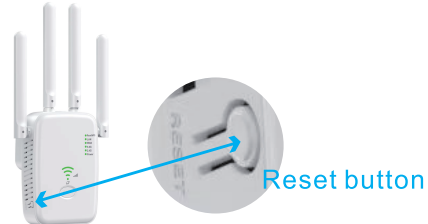
3.LED Explanation

You can check the Wireless Router's working status by following the LED Explanation table.

| Name	Status	Indication
Power	On/Off	The Wireless Router is on or off
2.4G	Blinking	The Wireless Router's 2.4G wireless function is enabled
5G	Blinking	The Wireless Router's 5G wireless function is enabled
WAN	Blinking/off	The WAN port is connected or not connected to a powered-on device.
LAN	Blinking/off	The LAN port is connected or not connected to a powered-on device.
WPS	Blinking	WPS connection is in progress.
	ON	WPS connection is established.
	OFF	WPS connection has been established for more than 5 minutes or WPS connection failed.
(Signal Strength)	Bright	Indicates the Wi-Fi connection between the Wireless Router and the router. More lit LEDs indicate a better signal strength **(only valid in WISP mode)**
	Blinking/off	The Wireless Router is connected or not connected to the Internet.

4.Port and Button Description

| Name	
WPS	WPS connection
RESET Button	With the wireless router powered on, use a pin to press the RESET button for 8 second. The wireless router will reboot.
WAN Port	For connecting to a DSL/Cable modem, or an Ethernet jack.
LAN Port	For connecting your PC or other wired devices to the router.

Repeater Mode

1 Power On

Plug the Repeater into an electrical outlet next to your host router, and then wait until the 2.4G wireless and 5G wireless LED is on.
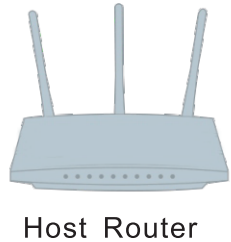
Host Router
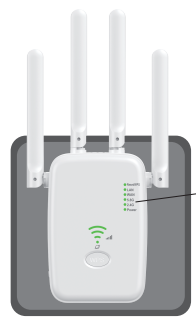
Solid on

1

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2 Set Up
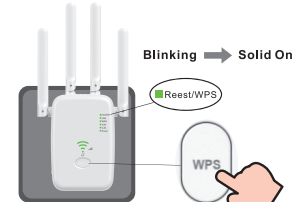
Method 1: Via the WPS Button
1. Press the WPS button on your router.

The WPS button might look like one of these:

2. Within 2 minutes, press the WPS button on the extender for 1 second. The WPS/LED should change from blinking to solid on and the repeater restarts, indicating successful.
Note: If the LED does not Blinking, try again or use Method 2
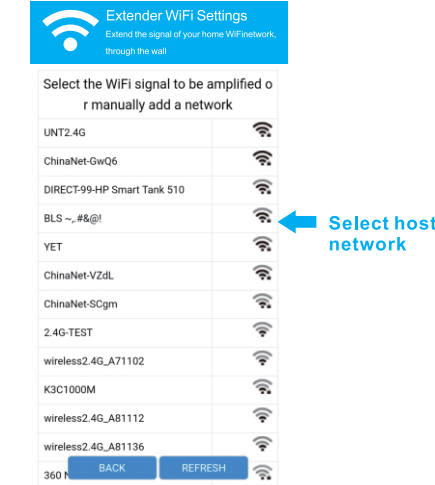
Blinking → Solid On

Reset/WPS

Extended Network Names:
Router's network name with _EXT at the end

Passwords:
Same as your router

Note:If you cannot find the network names with _EXT in your Wi-Fi network list ,try again or use Method 2
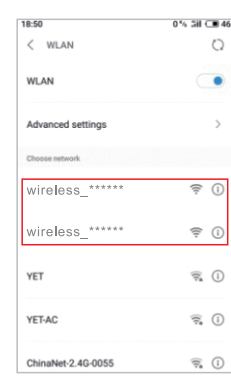
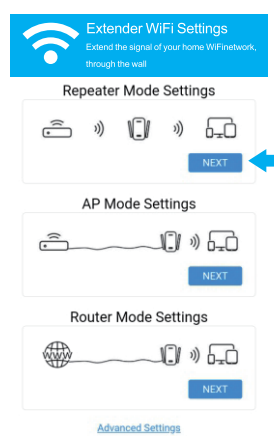### Method 2: Via a Web Browser
Connect to the repeater For phone Users

1:1)Find the SSID(Network Name)and Wireless Password printed on the label at the bottom of the router.
2)Connect your smartphone to the extender's network.

2: launch a web browser, and enter **http://192.168.168.1** in the address bar.
Select Repeater Mode

Extender WiFi Settings
Repeater Mode Settings

Select Repeater mode Click next

AP Mode Settings

Router Mode Settings

Advanced Settings

3: Select your host router's 2.4GHz SSID or 5GHz SSID (network name)

Extender WiFi Settings

Select the WiFi signal to be amplified or manually add a network

- UNT2.4G
- ChinaNet-Gw06
- DIRECT-99-HP Smart Tank 510
- BLS ~.#&@! ← **Select host network**
- YET
- ChinaNet-VZdL
- ChinaNet-5Cgm
- 2.4G-TEST
- wireless2.4G_A71102
- K3C100M
- wireless2.4G_A81112
- wireless2.4G_A81136
- 360

4:

Extender WiFi Settings
Repeater Mode Settings
SSID BLS~#&@!

BLS~.#&@!'s Password ← **Enter your Host router's the password**

Dual frequency in one
Extender SSID BLS~#&@!-EXT

BACK   NEXT

Click NEXT and follow the prompts on the page to complete the Router mode configuration

5:

FREEFA Extender WiFi Settings

Expanded WiFi BLS~.#&@!
2G Extender SSID BLS~.#&@!-EXT
5G Extender SSID BLS~.#&@!-EXT
Extender Password 12345678

Note: If you need to reset the WiFi signal amend er, please restore the device to factory settings

Finish

Note down your extended network information and finish the step

6: Connect to the extended network and enjoy internet. The extended network shares the same wireless password as that of your host network, but may have different network name if you have customized the SSID during the configuration.
Note:Since the performance of the extended network will be affected by the distance between extender and host router, we highly recommend you to relocate your extender referring to Position Your Extender.

- UNT5G — Connected (good quality)
- BLS~.#&@!-EXT — Saved,encrypted (available)
- BLS~.#&@!-EXT — Encrypted
- ChinaNet-Gw06 — Encrypted
- UNT ~.#&@! — Encrypted
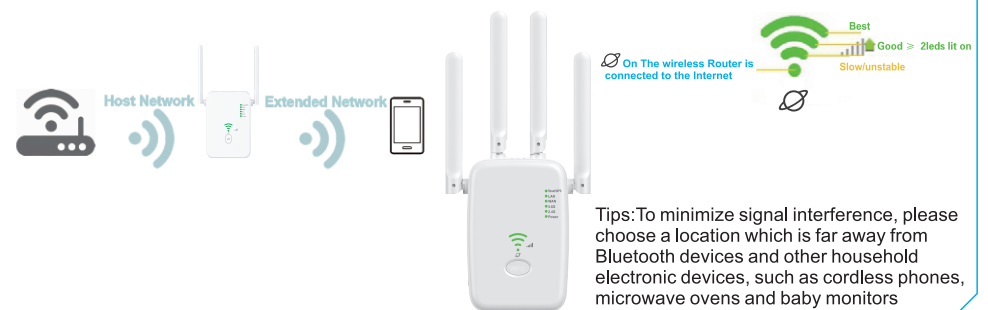- ChinaNet-FG3W — Encrypted
- BLS~.#&@! — Encrypted
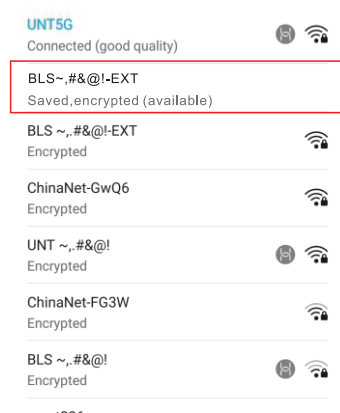
8: Position Your Extender
Please follow the instructions below to achieve optimal performance of the extender.

1. Plug the extender into an electrical outlet between your host router and the Wi-Fi "dead" zone. The location you choose must be within the range of your existing host network.

2. Wait until the LEDs are lit.Make sure the extender is in a location with 2 or more LEDs lit. If not, relocate it closer to the router to achieve better signal quality.
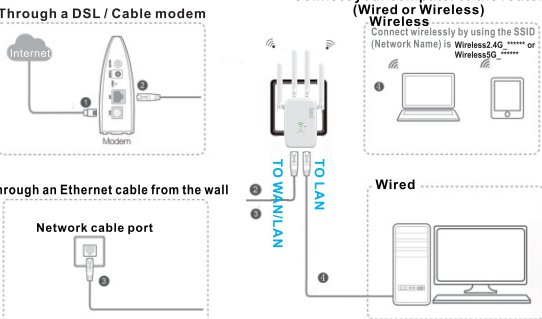
Host Network   Extended Network

On The wireless Router is connected to the Internet.
Best Good > 2leds lit on

Tips:To minimize signal interference, please choose a location which is far away from Bluetooth devices and other household electronic devices, such as cordless phones, microwave ovens and baby monitors

2

Router Mode

1 Connect the Hardware

If your Internet connection is through a DSL / Cable modem,follow steps1,2 and 4 to complete the hardware connections.
If your Internet connection is through an Ethernet cable from the wall,follow steps 3 and 4 to complete the hardware connection.
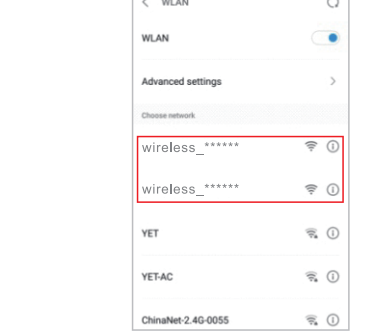
Through a DSL / Cable modem

Modem

Connect your computer to the router (Wired or Wireless)
Wireless
Connect wirelessly by using the SSID (Network Name) is Wireless2.4G_****** or Wireless5G_*******

Through an Ethernet cable from the wall
Network cable port

TO WAN/LAN   TO LAN   Wired

Note: If you don't use the network cable.
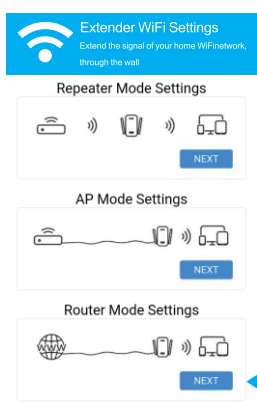Please search the "Wireless2.4G_****** or Wireless5G_*******" wireless signal and connect with it

2 Connect to the repeater
For phone Users
1:1)Find the SSID(Network Name)and Wireless Password printed on the label at the bottom of the router.
2)Connect your smartphone to the extender's network.

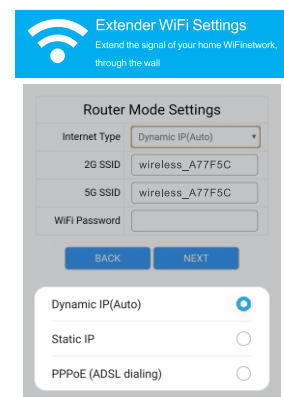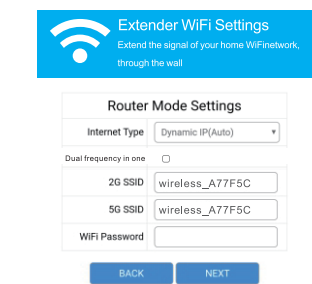2: launch a web browser, and enter **http://192.168.168.1** in the address bar.
Select Router Mode

Extender WiFi Settings
Repeater Mode Settings
AP Mode Settings
Router Mode Settings

Select Router mode Click next

3: You can modify the settings according to the service information provided by your ISP

Extender WiFi Settings
Router Mode Settings
Internet Type Dynamic IP(Auto)
Dual frequency in one
2G SSID wireless_A77F5C
5G SSID wireless_A77F5C
WiFi Password
BACK   NEXT

Extender WiFi Settings
Router Mode Settings
Internet Type Dynamic IP(Auto)
2G SSID wireless_A77F5C
5G SSID wireless_A77F5C
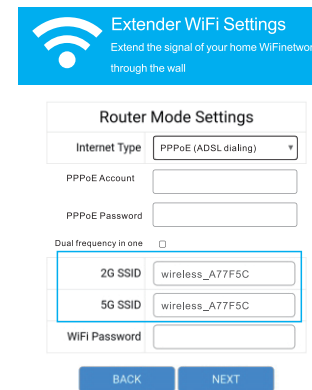WiFi Password
BACK   NEXT
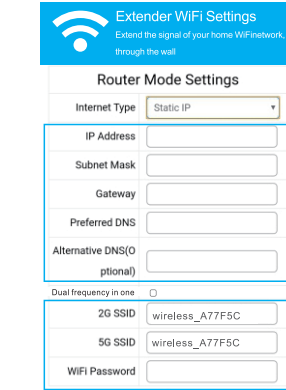- Dynamic IP(Auto)
- Static IP
- PPPoE (ADSL dialing)

Select your internet connection type from the drop-down list

① If you choose Dynamic IP,Dynamic IP users are usually equipped with a cable TV or fiber cable.

Extender WiFi Settings
Router Mode Settings
Internet Type PPPoE (ADSL dialing)
PPPoE Account
PPPoE Password
Dual frequency in one
2G SSID wireless_A77F5C
5G SSID wireless_A77F5C
WiFi Password
BACK   NEXT

Either keep the SSID and Password or customize it for the extended

Click NEXT and follow the prompts on the page to complete the Router mode configuration

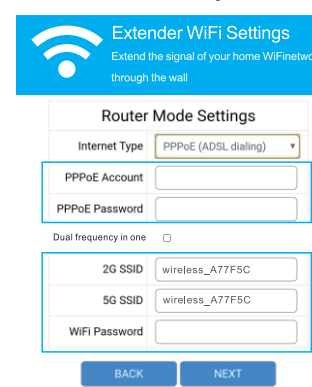② If you choose Static IP,enter the information provided by your ISP in the corresponding fields.

Extender WiFi Settings
Router Mode Settings
Internet Type Static IP
IP Address
Subnet Mask
Gateway
Preferred DNS
Alternative DNS(Optional)
Dual frequency in one
2G SSID wireless_A77F5C
5G SSID wireless_A77F5C
WiFi Password
BACK   NEXT

Enter the information provided by your ISP,in the corresponding fields

Either keep the SSID and Password or customize it for the extended

Click NEXT and follow the prompts on the page to complete the Router mode configuration

③ If you choose PPPoE,enter the username and password provided by your ISP. PPPoE users usually have DSL cable modems.

Extender WiFi Settings
Router Mode Settings
Internet Type PPPoE (ADSL dialing)
PPPoE Account
PPPoE Password
Dual frequency in one
2G SSID wireless_A77F5C
5G SSID wireless_A77F5C
WiFi Password
BACK   NEXT

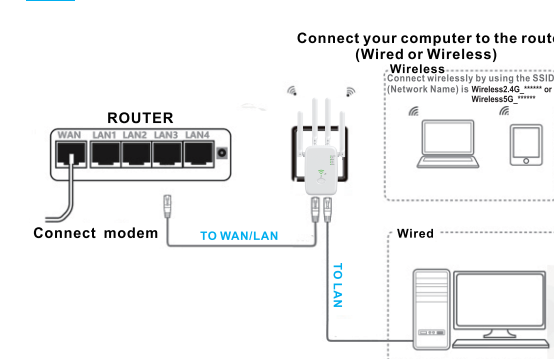**Enter the username and password by your ISP.**

Either keep the SSID and Password or customize it for the extended

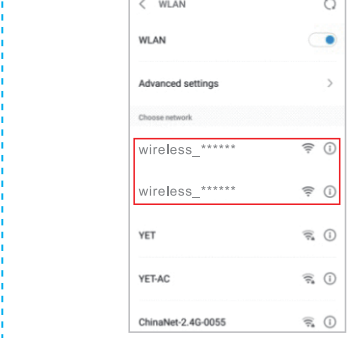**Click NEXT and follow the prompts on the page to complete the Router mode configuration**

Enjoy! Connect to the Extended networks (default SSID and password) and enjoy internet,but may have different network name and password, if you have customized them during the configuration.

3

AP Mode

1 Connect the Hardware

ROUTER
WAN LAN1 LAN2 LAN3 LAN4

Connect your computer to the router (Wired or Wireless)
Wireless
Connect wirelessly by using the SSID (Network Name) is Wireless2.4G_****** or Wireless5G_*******

Connect modem   TO WAN/LAN   TO LAN   Wired

Note: If you don't use the network cable.
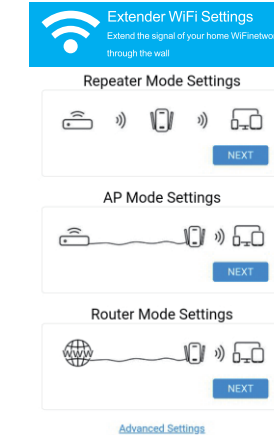Please search the "Wireless2.4G_****** or Wireless5G_*******" wireless signal and connect with it

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For phone Users
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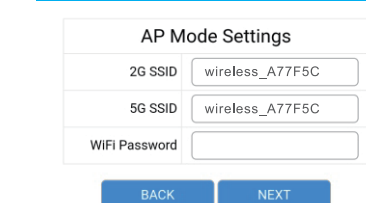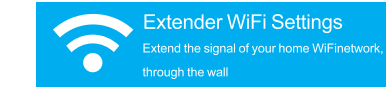2)Connect your smartphone to the extender's network.

2: launch a web browser, and enter **http://192.168.168.1** in the address bar.
Select AP Mode

Extender WiFi Settings
Repeater Mode Settings
AP Mode Settings
Router Mode Settings

Select AP mode Click next

Advanced Settings

3:

Extender WiFi Settings
AP Mode Settings
2G SSID wireless_A77F5C
5G SSID wireless_A77F5C
WiFi Password
BACK   NEXT

Either keep the SSID and Password or customize it for the extended

Click NEXT and follow the prompts on the page to complete the AP mode configuration

Enjoy! Connect to the Extended networks (default SSID and password) and enjoy internet,but may have different network name and password, if you have customized them during the configuration.

Frequently Asked Questions(FAQ)

Q1. What can I do if the login window does not appear?
- If the computer is set to a static or fixed IP address, change the setting to obtain an IP address automatically.
- Verify if http://192.168.168.1 is correctly entered l in the web browser.
- Make sure your computer is connected to the Mini Router's network.
- Use another web browser and try again.
- Reboot your router and try again.
- Disable the network adapter used currently and then enable it again.

Q2. What can I do if I cannot access the Internet?
- Check if the internet is working properly by connecting a computer directly to the modem via Ethernet cable. If not, connect your internet provider.
- Reboot your router and try again.

Q3. How do I restore the router to its factory default setting?
- While the router is powered on, press and hold the reset button on the rear panel of the router for approximately 5 seconds.

Q4. Why set the repeater mode is unsuccessfully?
- You may have typed in the router's wireless password incorrectly, please log in and check the wireless password.
- The Mini router may be out of range, please move it closer to the router.
- Please reset the Mini Router and go through the configuration again.

A.If you need reset the extender. You need press and hold the reset button inside the tiny hole for 10 seconds.

4