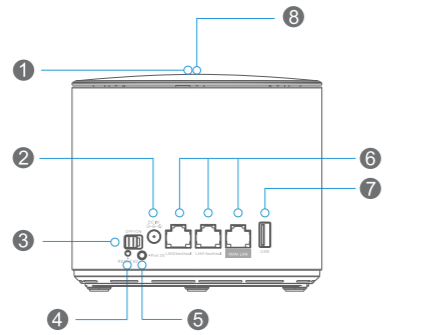


# QUICK START GUIDE

AX1800 Dual-Band Mesh  
WiFi Router Kit

WS-WN552X1

## Overview



- 1 LED Indicator
- 2 DC Jack
- 3 On/Off Switch
- 4 Reset Button
- 5 Pair Button
- 6 Gigabit Ethernet Ports
- 7 USB Port
- 8 Touchlink Pad

**Pair Button:**  
Press and hold for more than **2** seconds to add an extra mesh device to the existing Wi-Fi system.

**Reset Button:**  
Press and hold for **6** seconds to reset the mesh device.

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## LED Indication

| Router Mode   | LED            | Description  |
|---------------|----------------|--|
| Router Mode   | Solid purple   | The device is being activated.   |
|               | Solid blue     | The Internet is connected.   |
|               | Blue flash     | 1. Touchlink is in progress.<br>2. Router mode device is being paired with other mesh devices. |
| Extender Mode | Slow red flash | No access to the Internet.   |
|               | Fast red flash | The device is disconnected.  |

| Extender Mode | LED            | Description   |
|---------------|----------------|---|
| Extender Mode | Solid purple   | The device is being activated.  |
|               | Solid blue     | The connection between mesh devices is excellent.                                       |
|               | Blue flash     | 1. Touchlink is in progress.<br>2. Mesh device is being paired with router mode device. |
| Extender Mode | Slow red flash | No access to the Internet.  |
|               | Fast red flash | The device is disconnected.   |

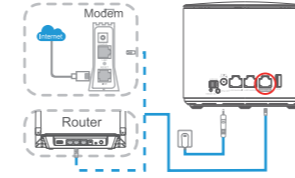
## Basic Info

Default IP: [192.168.10.1](http://192.168.10.1)  
Default Password: **admin**  
Login: <http://ap.setup>  
Mesh SSID: **MeshGo\_XXXX**  
Touchlink SSID: **MeshGo\_Touch**

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## Router Configuration

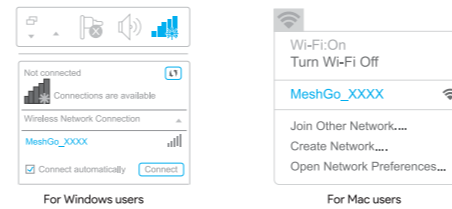
1. Select one of mesh devices as your router, connect its WAN Port to the modem or LAN port of router then plug it in a power outlet.



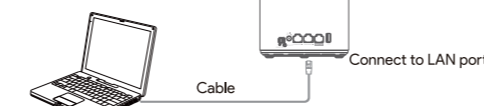
2. Connection

### 2.1 Via Wireless

Turn on your Wi-Fi, search SSID "MeshGo\_XXXX" and connect to it; then you can start configuring.



### 2.2 Via Cable



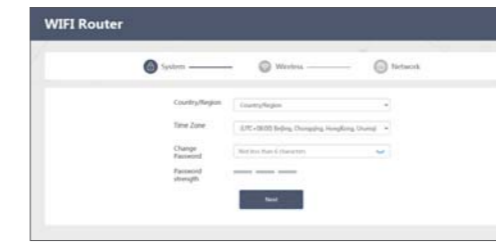
Connect Ethernet cable to your PC/laptop and device LAN port, then you can start configuring.

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3. Launch a browser from your laptop/PC or smart phone and enter [ap.setup](http://ap.setup) or [192.168.10.1](http://192.168.10.1) in the address field. The default password is admin.



4. Select your Country/Region and Time Zone; for your network security, we suggest that you create a new login password.



\*Note: The three colored bars in "Password strength" area indicates the strength of the login password.

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5. Then you can change your SSID or use the default one. As for Encryption Mode, if your device supports WPA3/WPA2-MIX, we suggest you choose "WPA3/WPA2-MIX". For network security, please create a Password according to the rules.



6. The system will then guide you to the Network page for the Mode selection and WAN Type, after selecting, please click save.

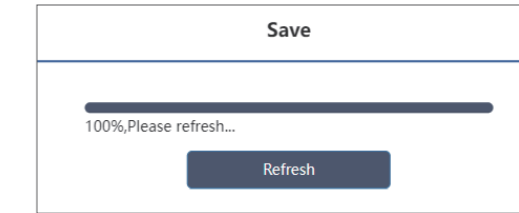


### Which WAN (Ethernet) Mode should I choose?

If the ISP provide you a account and password, please choose PPPoE;  
If the ISP not provide any parameters, the computer directly connect the internet cable, then can surf the internet, please choose DHCP;  
If the ISP provides you a fixed IP and other information, please choose Static IP.

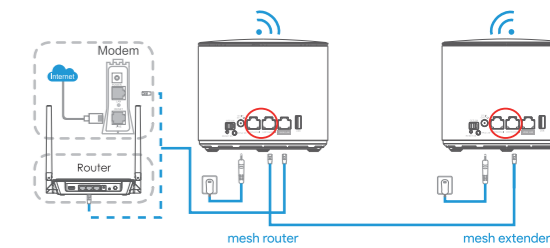
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7. Please wait patiently for the process to complete, then you can enjoy your wireless network.



## LAN Backhaul

1. If your wireless signal weakens because of complex environment, you can try the second option LAN Backhaul.

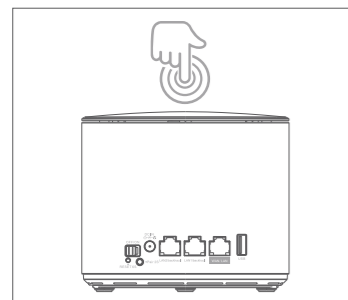


2. Repeat steps in the "Wireless Backhaul" section, then connect the "LAN/Backhaul" port of the extender to "LAN" port of your router

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## Touchlink Technology

At the top of the mesh device there is the Touchlink sensing pad; once you touch the pad with your hand or other devices, the sensing pad will blink blue, indicating that Touchlink is in process, then you can search "MeshGo\_Touch" and connect to it without any password.

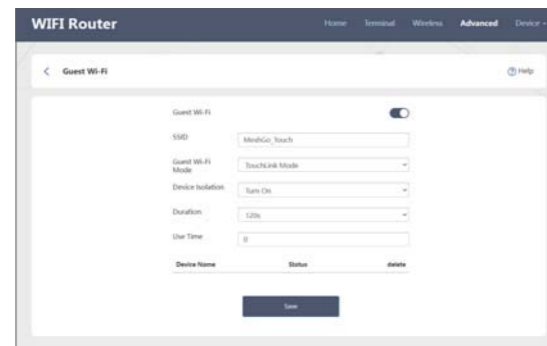


### Note:

Touchlink works for smart phone, tablet computer, laptop, etc. If you want to change the configuration of Touchlink, then you can do as follows:

1. Log in to [192.168.10.1](http://192.168.10.1) or [ap.setup.com](http://ap.setup.com), then choose "Advanced" and select "Guest Wi-Fi".
2. The default Guest Wi-Fi Mode is TouchLink.
3. The length of Touchlink time (Duration) can be set to 30s, 120s and 240s, the default is 120s.
4. You can also set the length of time (Use Time) for your guests.

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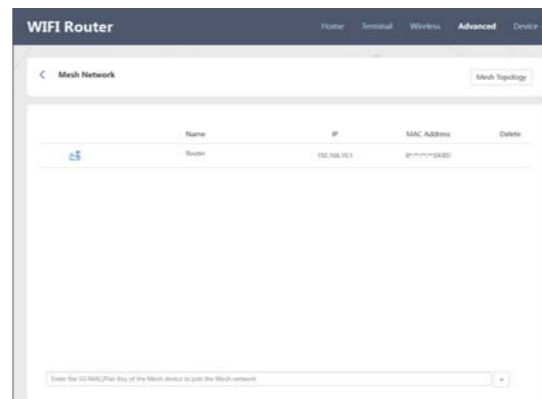
## More Mesh Devices

Generally, a mesh router device supports up to 7 mesh devices. Therefore, if you need to add more mesh devices to build up a stronger network in your home, you simply need to pair the new mesh devices with the existing network.

### Option I

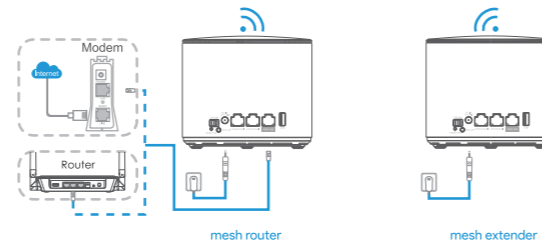
1. Log in to [ap.setup](http://ap.setup) or [192.168.10.1](http://192.168.10.1).
2. "Wi-Fi" → "Mesh Network".
3. You can add extra devices by entering their "Pair Key". (Pair key is at the bottom of the device).

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### Option II

After configuring the main router, please press and hold the pair button of mesh devices for 2 seconds. When LED lights become solid blue, the pairing process is successfully completed.

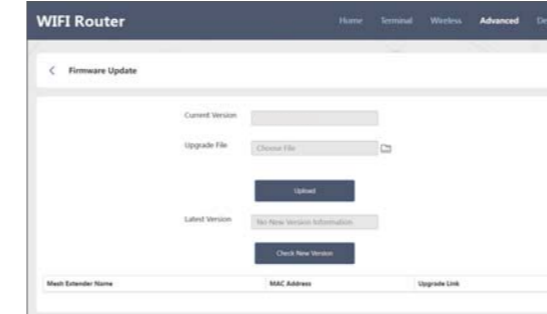


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## Firmware Upgrade

Firmware upgrade can fix bugs of the router. However, we DO NOT recommend you upgrade the firmware of the router if it works properly. If you need to update firmware, please proceed as the following steps:

1. Click "Advanced" and select "Firmware Update".
2. Click on to locate the extracted firmware file.
3. Click on "Upload" and choose "Apply", and wait for the firmware upgrade process to complete.



Warranty voids if you interrupted the upgrade procedure.

## FAQ

### Q1. Why doesn't the login page appear after entering <http://ap.setup>?

- Make sure your PC is set to obtain IP address automatically.
- Please make sure you entered the correct website.
- Reboot your device and try again.

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### Q2. What can I do if I can not access the Internet?

- Make sure your Internet works normally, please contact your ISP (Internet Service Provider) if it doesn't.
- Initiate your browser, enter [192.168.10.1](http://192.168.10.1) or [ap.setup](http://ap.setup), then set up the following quick start guide.
- Reboot your device and try again.

### Q3. What should I do if I can't have access to [192.168.10.1](http://192.168.10.1) or [ap.setup](http://ap.setup) on my android phone?

- We suggest you turn off your 4G signal first before you set up the network, then turn it on when the configuration is done.

### Q4. What can I do if I forget my administration management password?

- Please refer to Q3 to reset the device, the default password is admin.

### Q5. How do I find the best location for mesh devices?

- Please put your mesh devices in a relatively open space to avoid obstacles such as metal objects, reinforced concrete walls and so on.

### Q6. Why the flow monitoring is inaccurate?

- The Hardware NAT Settings's default open status leads to the absence of monitored data. If you wanna keep the flow monitoring accurate, you have to turn off the Hardware NAT Settings function manually, which inevitably will increase the CPU usage.

### WEEE Directive & Product Disposal

At the end of its serviceable life, this product should not be treated as household or general waste. It should be handed over to the applicable collection point for the recycling of electrical and electronic equipment, or returned to the supplier for disposal.

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## RF exposure statement

This equipment meets the exemption from the routine evaluation limits in section 2.5 of RSS-102. It should be installed and operated with a minimum distance of 20cm between the radiator and any part of your body. Cet équipement est conforme à l'exemption des limites d'évaluation habituelle de la section 2.5 de la norme RSS-102. Il doit être installé et utilisé à une distance minimale de 20 cm entre le radiateur et toute partie de votre corps.

## IC WARNING

This device contains licence-exempt transmitter(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique 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'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

The device is restricted to indoor use only when operating in the 5150 to 5250 MHz frequency range. Lorsque l'appareil fonctionne dans la gamme de fréquences de 5150 à 5250 MHz, il est limité à une utilisation en intérieur uniquement.

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## FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

## FCC Warning

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.

NOTE 1: 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.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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