



# QUICK START GUIDE

## AX1800 WiFi 6 EasyMesh Router

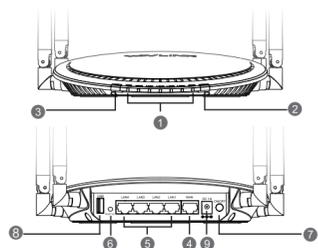


www.wavlink.com/en\_us/LUX-DX4  
Scan the QR code or load the link for Quick Start Guide downloading

LUX DX4

AVLINK (@WavlinkOfficial)  
WAVLINK SUPPORT (@WavlinkTechSupport)

### Overview



- 1 Status LED
- 2 Turbo Button
- 3 PAIR Button
- 4 1 x Gigabit WAN Port
- 5 4 x Gigabit LAN Ports
- 6 Reset Button
- 7 Power ON/Off Button
- 8 USB 3.0 Port
- 9 Power Port

**PAIR Button:**  
Press and hold for 2 seconds to pair with the existing EasyMesh Wi-Fi system.

**Reset Button:**  
Press and hold for at least 6 seconds to reset the router.

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### LED Indicators

LED	Status	Description
WiFi	Solid on	WiFi enabled
	Off	WiFi disabled
WAN	Blinking	The WAN port is transmitting or receiving data
	Off	The WAN port is not connected properly
LAN1/2 LAN3/4	Blinking	The LAN port is transmitting or receiving data
	Off	The LAN port is not connected properly
Power	Solid on	Powered on
	Off	Powered off
WAVLINK Logo	Blue light	Internet is functional
	Flashing (Red light)	Internet is disconnected
	Flashing (Blue light)	Touchlink/Pair/Turbo mode is on

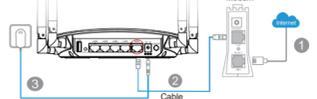
### Basic Info

Default IP: 192.168.10.1  
Default Password: admin  
Login: http://wif.wavlink.com  
Mesh SSID: WAVLINK-Mesh\_XXXX  
Touchlink SSID: WAVLINK\_Touch  
Official Website: www.wavlink.com  
Technical Support: support@wavlink.com

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### Setup Guide

1. Connect the router's WAN port to your Internet source, then plug it in a nearby electrical outlet.



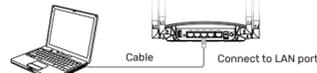
2. Connection

#### 2.1 Via Wireless

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



#### 2.2 Via Cable



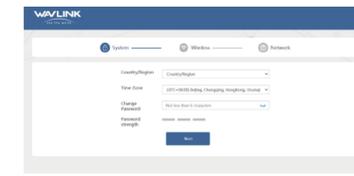
Connect Ethernet cable to your PC/laptop and device's LAN port, then you can start configuring.

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3. Launch a browser from your laptop/PC or smart phone and enter wif.wavlink.com or 192.168.10.1 in the address field. The default password is admin.



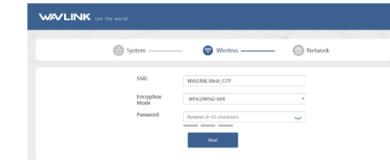
4. Select your Country/Region and Time Zone. For your network security, we suggest that you set a new login password.



\*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 set a Password according to the rules.



6. The system will then guide you to the Network page for the Mode selection and WAN Type.



#### Which WAN Type am I supposed to choose?

If you use DSL line and you are only provided an account name and a password by your ISP, choose PPPoE. If you use cable TV or fiber cable, choose DHCP(Dynamic IP). If you are provided information such as IP address, Subnet Mask and Default Gateway, choose Static IP.

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

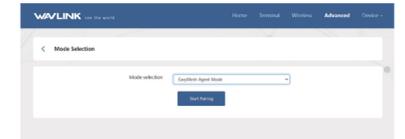


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### EasyMesh Agent Mode

In WAVLINK EasyMesh system, you can also set this AX router as the EasyMesh Agent Mode (similar to repeater mode) and connect the router to another existing EasyMesh controller.

Please configure according to the following steps:  
1. Log in to 192.168.10.1 or wif.wavlink.com.  
2. In Mode Selection, please choose "EasyMesh Agent Mode"  
3. Click on the "Start Pairing" button.



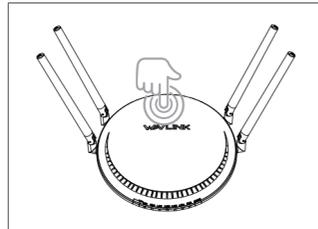
4. Now please start pairing process on the EasyMesh controller if you are not sure how to start, please refer to your EasyMesh manual or manufacturer for help.

Note:  
\*If you need to switch this device from Agent mode back to router mode, then you have to Manually Reset The Router.

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### Touchlink Technology

Touchlink is the patented technology of Wavlink. At the top of the mesh device there is the Touchlink sensing pad; once you touch the pad, the sensing pad will blink blue, indicating that Touchlink is in process, then you can search "WAVLINK\_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 or wif.wavlink.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.

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4. You can also set the length of time (Use Time) for your guests.

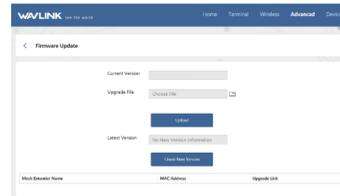


### Firmware Upgrade

If you need to update firmware, please proceed as the following steps:

#### Option I

1. Download the latest firmware file on Wavlink website.
2. Extract the firmware from the downloaded file.
3. Log in to 192.168.10.1 or wif.wavlink.com, then choose "Advanced" and select "Firmware Update".

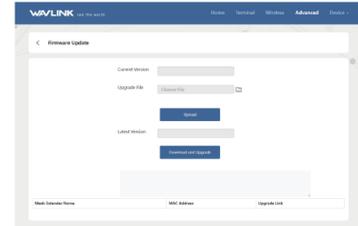


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4. Click on [ ] to locate the extracted firmware file.
5. Click on "Upload" and choose "Apply", and wait for the firmware upgrade process to complete.

#### Option II

1. Log in to 192.168.10.1 or wif.wavlink.com, then choose "Advanced" and select "Firmware Update".
2. Click on "Check New Version" to find the latest version.
3. Click on "Download and Upgrade", and wait for the firmware upgrade process to complete.



Note: After updating firmware, please Reset The Device And Clear Your Browser Cache.

What is firmware upgrade and why do I need it?  
Firmware fixes bugs for your device, contains new features, and improves the experience of using the product. For your device update and security, please ask us for help. Wrong upgrade may damage your device and void the product warranty.  
For more details, please visit our website www.wavlink.com and our technical support: support@wavlink.com

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### More Mesh Devices

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

#### Option I

1. Log in to wif.wavlink.com or 192.168.10.1.
2. "Advanced" -> "Mesh Network".
3. You can add extra devices by entering their "Pair Key".



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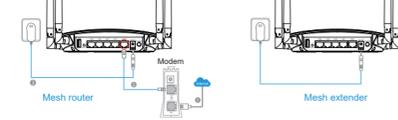
#### Option II

After configuring the main router, please configure the sub-router according to the EasyMesh Agent Mode part. After configuring the sub-router, please keep pressing the pair button of the main router for 2 seconds. When LED lights become solid blue, the pairing process is successfully completed.

#### FAQ

#### Q1. Why doesn't the login page appear after entering http://wif.wavlink.com?

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



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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 or wif.wavlink.com, then set up the following quick start guide.
- Reboot your device and try again.

#### Q3. How do I restore the device to factory default setting?

- Press and hold the reset button of the device for 6 seconds.

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

- Please reset the device, the default password is admin.

#### Q5. How do I find the best location for my device?

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

#### Q6. What should I do if I can't have access to 192.168.10.1 or wif.wavlink.com 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.

#### Q7. 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.

Please visit https://www.wavlink.com/en\_us/faq.html for more details.

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#### 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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Thank you for purchasing WAVLINK product!

Official website: www.wavlink.com  
Technical support: support@wavlink.com