



QUICK START GUIDE

AX3000 WiFi 6 Mesh Router



www.wavlink.com/en_us/LUX-DX7

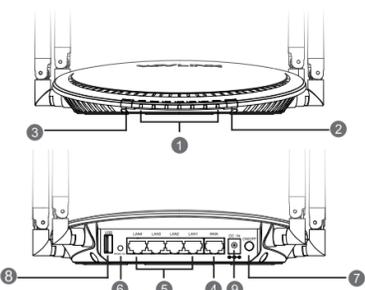
Scan the QR code or load the link for Quick Start Guide downloading



WAVLINK (@WavlinkOfficial)
WAVLINK SUPPORT (@WavlinkTechSupport)

LUX DX7

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 Mesh 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

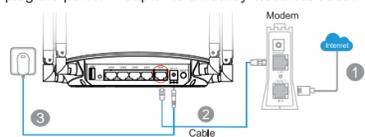
Basic Info

Default IP: 192.168.10.1
 Default Password: **admin**
 Login: <http://wavlogin.link>
 Mesh SSID: **WAVLINK-Mesh_XXXX**
 Touchlink SSID: **WAVLINK_Touch**
 Official Website: www.wavlink.com
 Technical Support: support@wavlink.com
Tips: "XXXX" in SSID is for illustrative purposes only, please refer to the last 4 digits of the MAC address of the label on the bottom of the product.

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Setup Guide

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



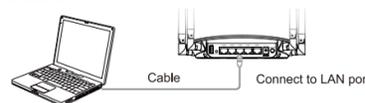
2. Connection

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



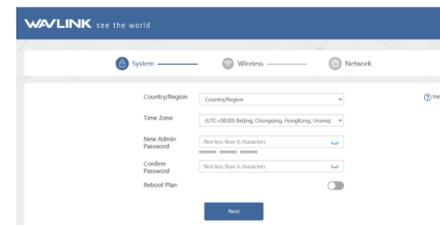
Connect Ethernet cable to your PC/laptop and device's LAN port, then you can start configuring.

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3. Launch a browser from your laptop/PC or smart phone and enter wavlogin.link or 192.168.10.1 in the address field. The default password is **admin** all lowercase.



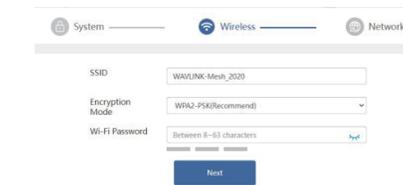
4. Select your **Country/Region** and **Time Zone**. For your network security, we suggest that you set a new login password.



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

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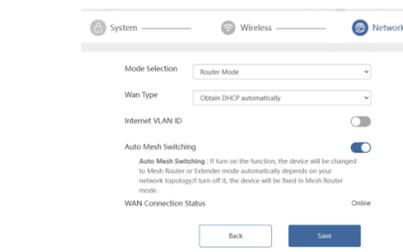
5. Then you can change your **SSID** or use the default one. As for Encryption Mode, if your device supports WPA3/WPA2-MIX, we suggest you choose "WPA3/WPA2-MIX". For network security, please set a **Password** according to the rules.



6. The system will then guide you to the Network page.

6.1 Router Mode

Please choose a WAN Type.

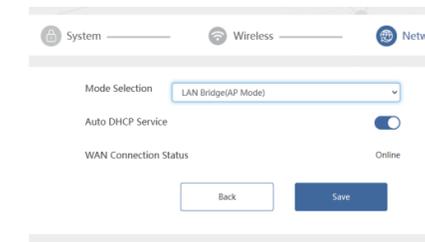


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Which WAN Type am I supposed to choose?

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.

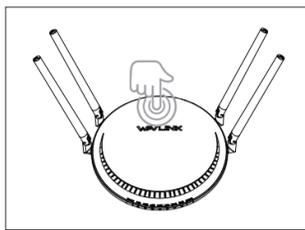
6.2 LAN Bright (AP Mode)
Select **LAN Bright (AP mode)** in the **Mode Selection**.



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.

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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 wavlogin.link, 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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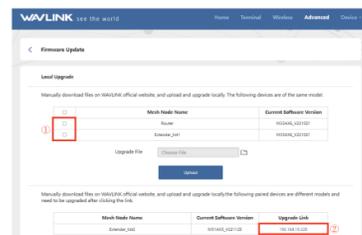
Firmware Upgrade

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

Option 1 Local Upgrade

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 wavlogin.link, then choose "Advanced" and select "Firmware Update".
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.

If your all mesh devices are same model, you can check and upgrade your devices together at . If the models of your devices are not same, please visit each device web interface and upgrade it on .



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Option 2

Online Upgrade

1. Log in to 192.168.10.1 or wavlogin.link, then choose "Advanced" and select "Firmware Update".
2. Select the Mesh Node Name that needs to be upgrade.



3. Click on "Check the New Version" to find the latest version.
4. Click on "One-Click 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

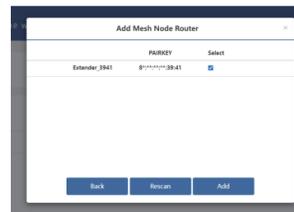
Generally, a mesh router device supports up to 7 (including the existing device) mesh devices. Therefore, if you need to add more mesh devices to build up a stronger network in your home, you simply need to pair the new mesh devices with the existing network.

Pairing on the web

1. Log in to wavlogin.link or 192.168.10.1.
2. "Advanced" -> "Mesh Network".
3. Click on "Add" and then follow the prompts on the screen.



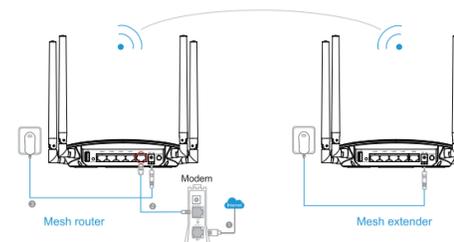
4. After scanning, please make sure the device you want to add is listed, and click "Add", if it isn't, please click "Rescan".



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Pairing with Pair Button

After configuring the main router and when the main router has the network, press and hold the pair button for both the main router and the mesh extender for 2 seconds. When LED lights become solid blue, the pairing process is successfully completed.



LAN Backhaul

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

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FAQ

Q1. Why doesn't the login page appear after entering <http://wavlogin.link>?

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

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 wavlogin.link, then set up following the quick start guide.
- Reboot your device and try again.

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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 wavlogin.link 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.

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