



QUICK START GUIDE

AC1200 Dual-Band High-Power Outdoor
AP/Range Extender



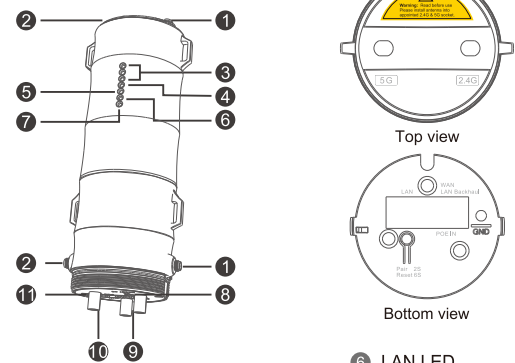
WAVLINK (@WavlinkOfficial)
WAVLINK SUPPORT (@WavlinkTechSupport)

WING 12M

Feature

- Dual-band with maximum speed up to 5G 867Mbps and 2.4G 300Mbps.
- Weatherproof and build in lightning arrester withstand harsh outdoor conditions.
- Four 7dBi omnidirectional antennas eliminate Wi-Fi dead zones.
- High Power Amplifier for Stronger Signal Transmission.
- Gigabit Port Provides Faster Connection.
- Passive PoE support for flexible deployment.
- Support AP/Repeater/Mesh Extender mode.
- MU-MIMO function lets the router talk to several devices simultaneously over the same Wi-Fi band.

Hardware Overview



- ① 2.4G RP-SMA Antenna Connectors
② 5G RP-SMA Antenna Connectors
③ 3 x Wi-Fi Signal LEDs
④ Status LED
⑤ LAN/Backhaul LED
- ⑥ LAN LED
⑦ POWER LED
⑧ Reset/PAIR button
⑨ LAN Port
⑩ WAN Port(PoE)
⑪ Grounding Terminal

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Default Parameters

Web: <http://ap.setup> 2.4G SSID: WAVLINK-N_XXXX
Default IP: 192.168.10.1 5G/AC SSID: WAVLINK-AC_XXXX
Login Password: admin Wireless Key: no

LED indicators

Power	On	The device is powered on
	Off	The device is not receiving electrical power
LAN/Backhaul	On	The Ethernet port is connected
	Off	The Ethernet port is disconnected
LAN	On	The Ethernet port is connected
	Off	The Ethernet port is disconnected
Status	Fast flash	The Ethernet port is disconnected
	Slow flash	Ethernet port connected, no network
	Off	Ethernet port connected, and the signal LEDs will show the signal intensity

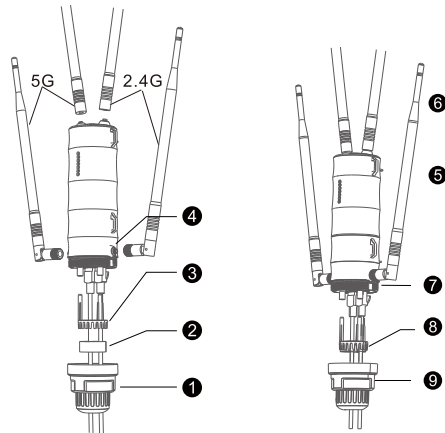
Wi-Fi Signal

Mode	Weak	Medium	Strong	Description
AP	ON	ON	ON	Wi-Fi signal output power 100%.
Repeater	ON	ON	ON	Better reception: signal 75%~100%.
	ON	ON	OFF	Good reception: signal 50%~75%.
	ON	OFF	OFF	Weak reception: signal below 50%.

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Installation

1. Please follow the installation steps when assembling the device.

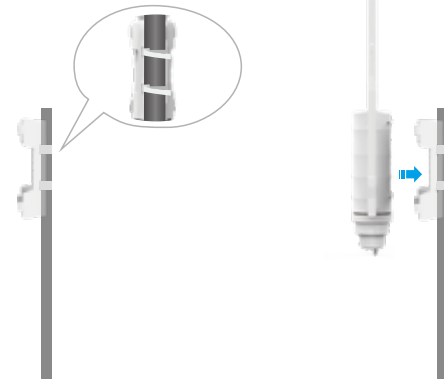


- ① Pass RJ45 cable through the spiral cover
- ② Pass RJ45 cable through the rubber seal
- ③ Pass RJ45 cable through the holder
- ④ Connect the RJ45 cable to POE IN/WAN port.
- ⑤ Spin 2.4G antenna into the 2.4G external RP-SMA connector
- ⑥ Spin 5G antenna into the 5G external RP-SMA connector
- ⑦ Screw the holder
- ⑧ Plug the rubber seal to the holder
- ⑨ Screw the spiral cover

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2. Install the device.

- 2.1 Firstly fasten the device to somewhere firm, then install the device in the holder.

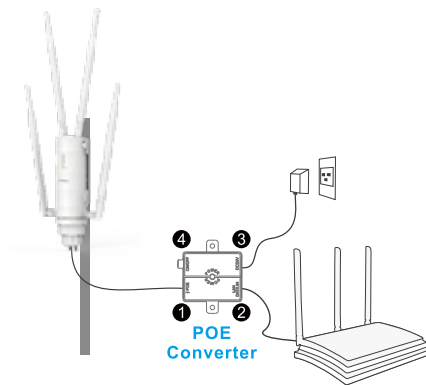


Remark

If you happen to live in the zone where lightning happens a lot, we suggest that you install the device through grounding connection in order to strength the lightning-resistant function.

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- 2.2 Now please follow the steps below.



- 1) Connect the "POE" port of POE converter to the LAN Backhaul port of the device.
- 2) Connect "LAN DATA IN" to "LAN" of your router.
- 3) Plug in the device through the power adapter.
- 4) Push the "ON/OFF" button to turn on or off the device.

Attention

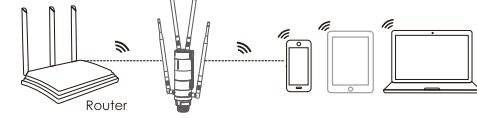
- 1) Ensure that you use a certified CAT5e/CAT6 Ethernet cable with RJ45 connectors
- 2) Make sure the length of the Ethernet cable from poe to the device is less than 60 meters (196 ft).

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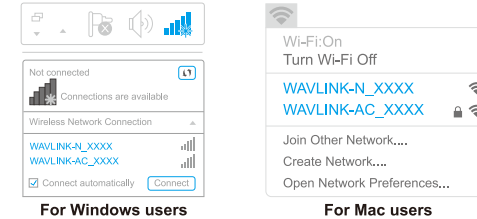
Configuration

1. Connection

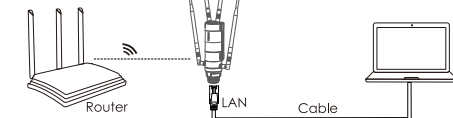
1.1 Via Wireless



Turn on your Wi-Fi, search SSID of this product on your wireless devices (smart phone, tablet computer, laptop, etc.) and connect to it.



1.2 Via Cable



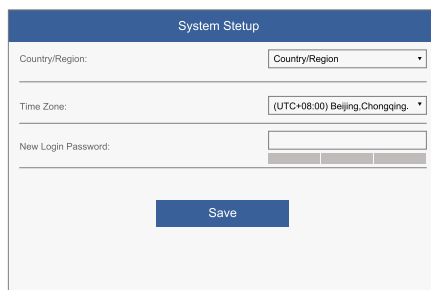
Connect Ethernet cable to your PC/laptop and device LAN port, then you can start configuring the device.

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2. Launch a browser from your laptop/PC or smart phone and enter <http://wifi.wavlink.com> or 192.168.10.1 in the address field. The default password is **admin**.

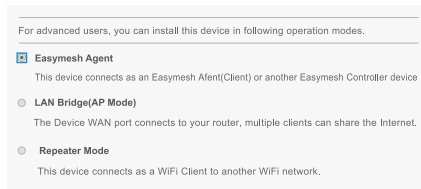


3. After login, select "Country/Region" and "Time Zone" respectively, and then create a new login password following the rules accordingly. Click "Save" to proceed. Note: Log in with your new password next time.

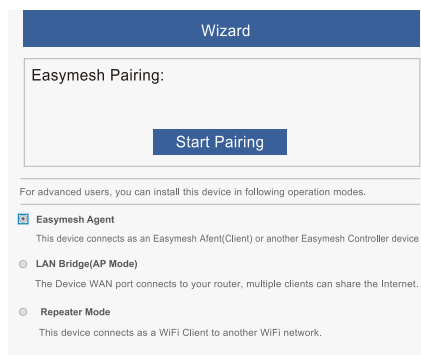


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4. Please select the mode that is fit for your need.



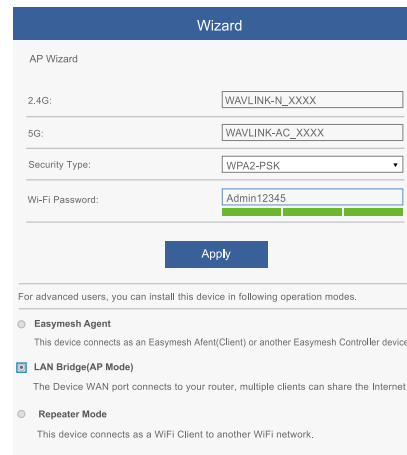
4.1 EasyMesh Agent



Press the pair button on your main mesh router and click "Start Pairing" to connect another EasyMesh Controller device. If the pairing connection fails, please press the pair button on the bottom of WN572HP3 and finish the pair process manually.

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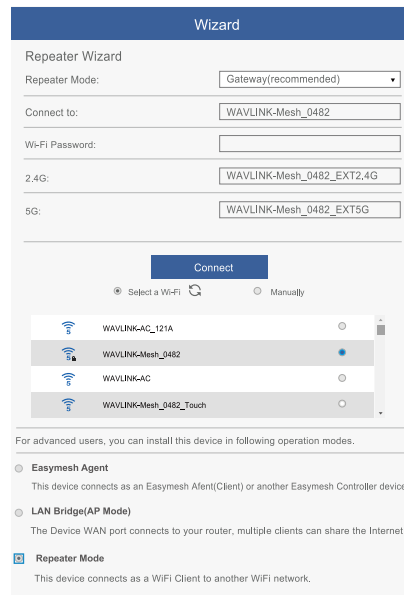
4.2 LAN Bridge (AP mode)



In **Wizard** section, you can change the 2.4G and 5G SSID or use the default one. As for **Security type**, "WAP/WAP2 Mix" is usually recommended. For your network security, please create a new password according to the rules. Then click on "Apply" and wait for the installation process to complete.

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4.3 Repeater Mode



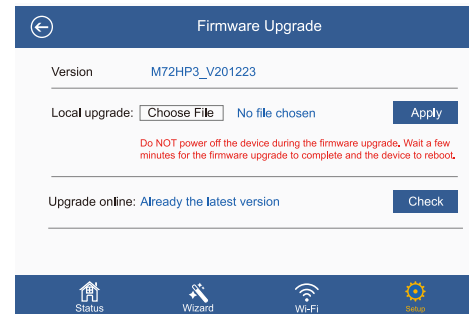
For **Repeater Mode**, we usually suggest that users choose "Gateway". Select your host router's Wi-Fi SSID(s) and enter the password. Either keep the same SSID(s) as your host Wi-Fi or create new name for the extended network. Verify your wireless settings and click "Connect". The Wi-Fi Signal LEDs should turn on and stay solid.

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Firmware Upgrade

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

1. Download the latest firmware file from Wavlink website.
2. Extract the firmware from the downloaded file.
3. Log in to wifi.wavlink.com or 192.168.10.1, then choose "Setup" and select "Upgrade firmware".



4. Click on **Choose File** to locate the firmware file.
5. Click on **Apply**, and wait for the firmware upgrade process to complete.

What is firmware upgrade and why do I need it?

Firmware contains fixed for bugs and new features, please keep the latest firmware to improve the experience of using the product. Please do not use the wrong firmware, otherwise, it will damage your device and void the product warranty.

For more details, please visit our website www.wavlink.com
Our Technical Support: support@wavlink.com

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FAQ

Q1. Why doesn't the login page appear after entering <http://wifi.wavlink.com>?

- 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.

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 wifi.wavlink.com, then set up following the 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 mesh device for 6 seconds.

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.

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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