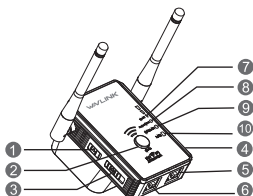


Overview






- ① Power On/Off
- ② WPS Button
- ③ Mode Selector
- ④ Reset Button
- ⑤ WAN/LAN Port
- ⑥ LAN Port
- ⑦ 3 x Wi-Fi Signal LED
- ⑧ Power/WPS LED
- ⑨ WAN/LAN LED
- ⑩ LAN LED

LED Indicators

POWER/WPS	ON: The Device is power on. OFF: The Device is not receiving electrical power. Flashing: WPS connection is established or WPS signal of another device is expected.
LAN WAN/LAN	ON: The Ethernet port is connected. OFF: The Ethernet port is disconnected. Flashing: Data Transferring.

Wi-Fi Signal LED

Mode				Description
AP/Router	ON	ON	ON	Wi-Fi Signal output power 100%
Repeater	ON	ON	ON	Excellent reception: signal strength 50% to 100%
	ON	ON	OFF	Good reception: signal strength 25% to 50%
Client	ON	OFF	OFF	Weak reception: signal strength below 25%
	Flashing	OFF	OFF	Disconnected

WPS Button: Keep pressing the WPS Button for 2 seconds to connect this device to your PC/Phone.

Keep pressing the WPS Button for 6 seconds to connect to your Wi-Fi AP/Router(for Repeater Mode).

Reset Button: Keep pressing the Reset Button for 3 seconds to Reset this device.

Default Parameters

SSID: [WAVLINK-N](#)

Default IP: [192.168.10.1](#)

Login: <http://wifi.wavlink.com>

Default Login Password: [admin](#)

Official Website: www.wavlink.com

Technical Support: support@wavlink.com

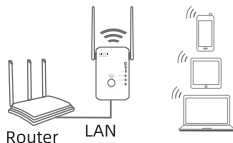
Device Installation

Setting up a Wireless Infrastructure Network

For a typical wireless setup at home (as shown below), please do as the following:

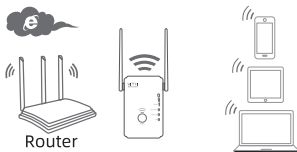
①Wireless AP Mode

The AP/Router is connected to a wired network, then transforms the wired Internet access into wireless so that multiple devices can share the Internet. So this mode is fit for office, home and places where only wired network is available.



②Wireless Repeater Mode

The AP/Router copies and reinforces the existing wireless signal to extend the coverage of the signal. Don't change the network's name (SSID) and password yet. This mode is especially useful for a large space to eliminate signal-blind corners. So this mode is fit for large house, office, warehouse or other spaces where the existing signal is weak.

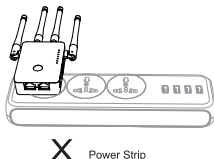
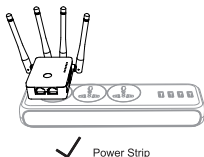
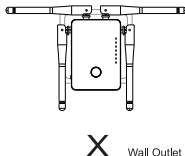
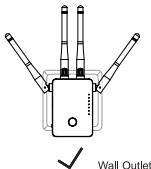


③Router Mode

The AP/Router is connected to a DSL or cable modem and works as a regular wireless router. This mode is fit for the environment which Internet access from DSL or cable modem is available for one user but more users need to share the Internet.

※Please do not install the extender in a place surrounded by a lot of objects. And keep away from strong electromagnetic radiation.

- Drawings with "✓" : Recommended
- Drawings with "X" : Not Recommended

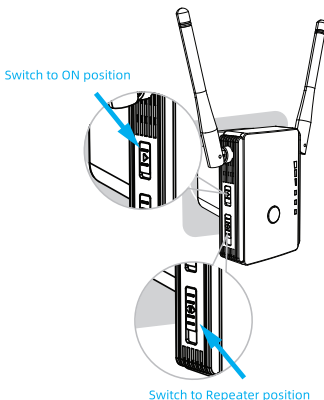


Wi-Fi Repeater Mode Configuration

Option I Using Web Browser

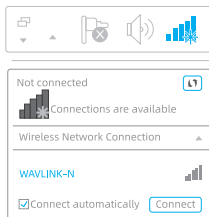
1. Power ON

- 1.1 Switch the mode selector to **Repeater** position.
- 1.2 Plug the Device into an electrical outlet near your Wi-Fi router.
- 1.3 Switch the power switch to **ON** and wait until the **POWER LED** is on and solid green.

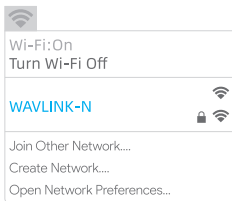


2. Wi-Fi Connection

- 2.1 Disconnect the Ethernet (Wired) connection from your laptop (if any).
- 2.2 Turn your laptop's Wi-Fi ON if it is OFF.
- 2.3 **For Mac:** Click the Wi-Fi icon on the top right corner of the screen, and connect to the Device's network: **WAVLINK-N**
- 2.3 **For Windows:** Click the Wi-Fi icon on the taskbar and connect to the Device's network: **WAVLINK-N**.



For Windows users



For Mac users

3. Configuration

3.1. Launch a browser from your laptop/PC or smart phone and enter wifi.wavlink.com or 192.168.10.1 in the address field. The default password is [admin](#)(all lowercase).



Tips: If the login window does not pop up, please refer to the [FAQ> Q1](#).

3.2. Select a Wi-Fi SSID of your router (Host Wi-Fi) and enter the password. Either keeping the same SSID as your host Wi-Fi or creating a new name for the extended network.

←

Repeater Wizard

Connect to:

Wavlink_530

Host Wi-Fi Name

Wi-Fi Password:

Host Wi-Fi Password

Repeater SSID:

Wavlink_Extend

Extended Network Name

Connect

☒ Select a Wi-Fi

☐ Manually enter

Wavlink_530

☒

Wireless-562

☐

Wireless-N

☐

Wireless-112

☐

Wireless-MO

☐

Wavlink_530

☒

Wireless-562

☐

Wireless-N

☐

Wireless-112

☐

Wireless-MO

☐

Status

Wizard

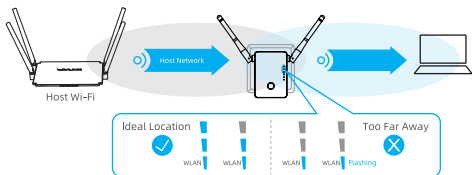
Wi-Fi

Setup

3.3. Verify your wireless settings and click "**Connect**". The Wi-Fi Signal LEDs should turn on and stay solid, which indicates successful connections.

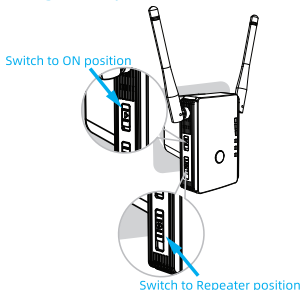
4. Relocation

1. Plug the Device into an electrical outlet about halfway between your router(Host Wi-Fi) and the Wi-Fi dead zone. The location you choose must be within the range of your existing host Wi-Fi.
2. Wait until the WLAN LEDs are ON. If the signal is weak, please relocate it closer to the router to achieve a good (or better) signal.



Tips: Use your phone to find the ideal location for the Device. If your phone's Wi-Fi signal(received from your router) is higher than 3 levels, it is an ideal spot to install the Device. If not, we suggest you to move closer to your router for better Wi-Fi signal

Option II Using WPS (Wi-Fi Protected Setup)

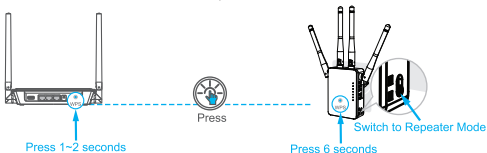


1. Power On

- 1.1 Switch the mode selector to **Repeater** position.
- 1.2 Plug the Device into an electrical outlet near your Wi-Fi router.
- 1.3 Shift the power switch to **ON** and wait until the **POWER LED** is on and solid green.

2. Connection

1. Press the WPS button for **6** seconds on the Extender.
2. Within two minutes, press the WPS button on your router.
3. The Extender will reboot, please wait a few minutes.



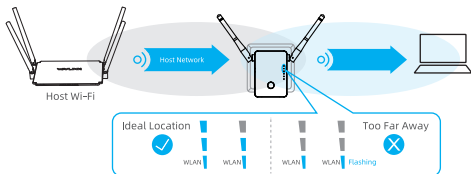
Tips: The corresponding WLAN LEDs should turn on and stay solid, indicating successful connections.

Note:

- 1). Some ISP gateways disable the WPS function by default. If the WPS connection fails, please use [Option I](#).
- 2). For more information about using WPS on your router, please refer to the router manufacturer's user guide.

3. Relocation

1. Plug the Device into an electrical outlet about halfway between your router(Host Wi-Fi) and the Wi-Fi dead zone. The location you choose must be within the range of your existing host Wi-Fi.
2. Wait until the WLAN LEDs are ON. If the signal is weak, please relocate it closer to the router to achieve a good (or better) signal.



Tips: Use your phone to find the ideal location for the Device. If your phone's Wi-Fi signal(received from your router) is higher than 3 levels, it is an ideal spot to install the Device. If not, we suggest you to move closer to your router for better Wi-Fi signal.

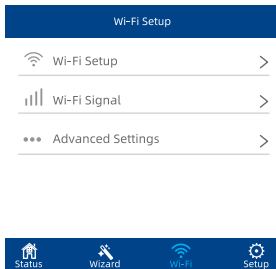
Router Mode and AP Mode

This Extender also supports Router and AP mode, you can do as the following:

Mode		Steps
Router Mode	PPPoE	Enter the User Name and Password provided by your ISP(case sensitive).
	Static IP	Enter the IP Address, Subnet Mask, Default Gateway and DNS provided by your ISP.
	Dynamic IP	The Device gets the IP address automatically from your Router or ISP DHCP server.
AP Mode		The Device gets the IP address automatically from your Router or ISP DHCP server.

Wireless Basic Configuration

1. Click "**Wi-Fi**".
2. You can customize wireless network for the Device.



Change Login Password

The image shows a mobile application screen titled "Login Password". At the top left of the screen is a back arrow icon. The screen contains three input fields, each with a label on the left and a toggle icon on the right:

- Old Password: [input field]
- New Password: [input field]
- Confirm Password: [input field]

Below the input fields is a dark blue button with the text "Apply" in white. At the bottom of the screen is a dark blue navigation bar with four icons and labels: "Status" (house icon), "Wizard" (magic wand icon), "Wi-Fi" (Wi-Fi signal icon), and "Setup" (gear icon, which is highlighted in light blue).

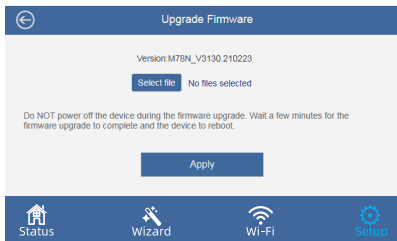
Note: The default password of the device is "admin", we strongly recommend you to change the default password of the device.

1. Visit <http://wifi.wavlink.com> and log in with the default password "admin".
2. Click "Setup->Login Password".
3. Enter the old password, then enter the new password and click "Apply".
4. Use the new password for future login attempts.

Firmware Upgrade

Firmware upgrade can fix bugs of the Device. However, We DO NOT recommend you to upgrade the firmware of the Device if it works normally.

1. Download the latest firmware file for the Device from our Website www.wavlink.com.
2. Click "Setup-> Upgrade Firmware".
3. Click "Select file" to locate the downloaded new firmware file.
4. Click "Apply" button, and wait a few minutes for the firmware upgrade to complete.



Warranty voids if you interrupted the upgrade procedure.

What is firmware upgrade and why do I need it?

Firmware upgrade 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

Our Technical Support: support@wavlink.com

FAQ

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

- Make sure your computer is connected to the Extended network's SSID or connect your computer to the Extender using an Ethernet cable.
- Make sure your computer is set to obtain an IP address automatically.
- Verify that <http://wifi.wavlink.com> is correctly entered in the web browser and enter it.

Q2. What should I do if the LED does not change to solid after completing **OPTION I**?

- You may have entered the incorrect Wi-Fi password of your host Wi-Fi during the configuration. Please log into the Extender's web-based interface to check the password and try it again.
- Please reset the Extender and go through the configuration again.

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

- While the Extender is powered on, press and hold the Reset button until all the LEDs turn on momentarily.

Q4. Why my Wi-Fi Extender doesn't work in AP mode?

- Make sure the LAN port of the Extender is connected to the LAN port of your router and try it again.

GNU (GENERAL PUBLIC LICENSE NOTICE)

This product includes software codes developed by the third parties. These software codes are subject to either the GNU General Public License (GPL), Version 2, June 1991 or the GNU Lesser General Public License (LGPL), Version 2.1, February 1999. You can copy, distribute, and/or modify in accordance with the terms and conditions of GPL or LGPL.

The source code should be complete, if you want us to provide any additional source code files under GNU General Public License (GPL), please contact us in these matters.

We are committed to meeting the requirements of the GNU General Public License (GPL). You are welcome to contact our local office to get the corresponding software and licenses. Please inform us of your contact details (full address) and the product code. We will send you a software package with the software and license for free.

The respective programs are distributed WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. Please refer to the GNU General Public License website for further information.

<http://www.gnu.org/licenses/old-licenses/lgpl-2.0.html>
<http://www.gnu.org/licenses/gpl.html>

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.

Need help?

We're here for you!



Online support: wavlink.com

Available Mon-Fri 8:30 am-5:30pm (UTC+8)



support@wavlink.com

Available Mon-Fri 8:30 am-5:30pm (UTC+8)



+1 8889730883 (US Local)

Mon-Fri 9:00 am - 10:00 pm (UTC-5)

www.wavlink.com



**Thank you for purchasing
WAVLINK product!**