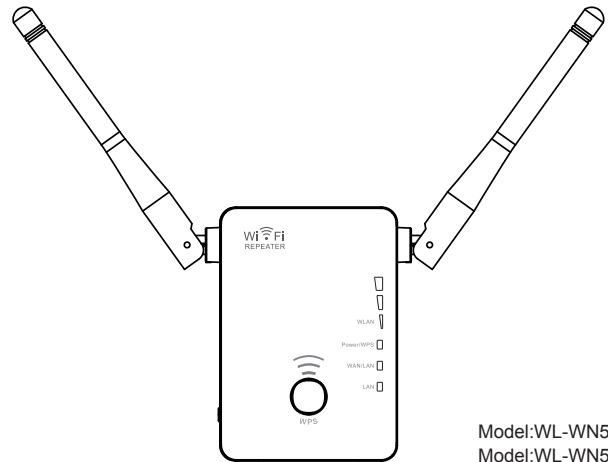


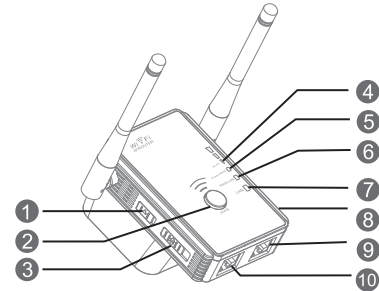


Quick Installation Guide



Model:WL-WN578R2-B
Model:WL-WN578N2-B

Hardware Overview



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

Default Parameters

Web Setup: <http://ap.setup>

Default IP: **192.168.10.1**

Password: **admin**

2.4G SSID: **WAVLINK-N**

LED Indicators

POWER	ON: The Device is powered on OFF: The Device is not receiving electrical power.
LAN/WAN	ON: The Ethernet port is connected. OFF: The Ethernet port is disconnected. Flashing: Transferring data to/from a network device
WPS	Slow Flashing: The Device is trying to connect to your PC or Phone Fast Flashing: The Device is connecting to your AP/Router

Wi-Fi Signal

Mode	Wi-Fi Signal Status LED			Description
	Signal 1	Signal 2	Signal 3	
AP/Router	ON	ON	ON	Wi-Fi Signal output power 100%
Repeater	ON	ON	ON	Better reception signal strength 75% to 100%
	ON	ON	OFF	Good reception signal strength 50% to 75%
	ON	OFF	OFF	Weak reception signal strength below 50%
	Flashing	OFF	OFF	Disconnected

WPS Button:

Press and hold for 2 seconds, the Device is trying to connect to your PC or Phone .
Press and hold for 6 seconds to connect to your Wi-Fi AP/Router (for Repeater Mode).

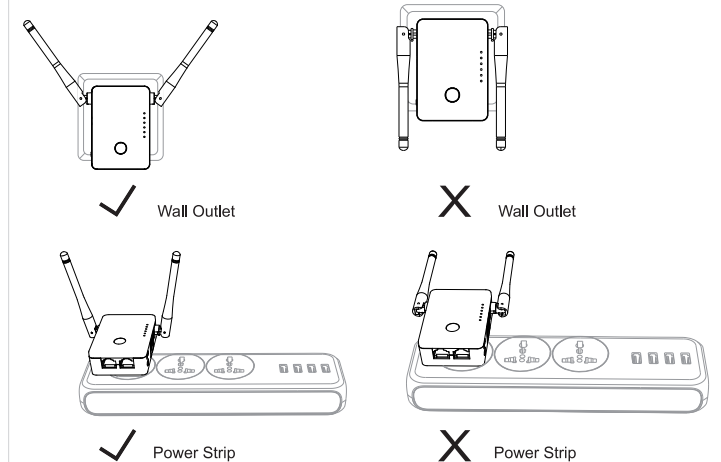
Reset Button: Press and hold for 3 seconds to Reset the Device.

Getting Started

※Please do not install the Device in where it is heavily surrounded by things.

Please install the device as follows:

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

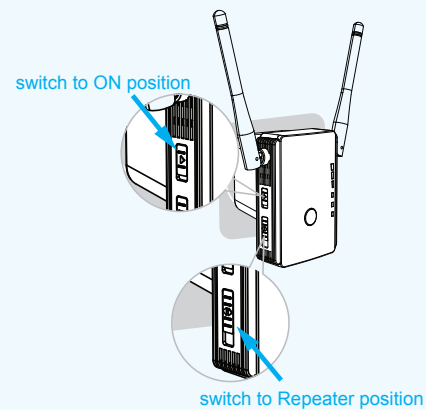


OPTION ONE

Wi-Fi Repeater Mode Using a Web Browser

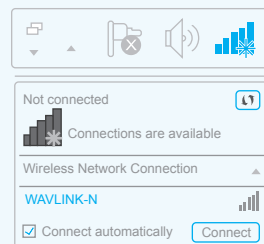
1 Power ON

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



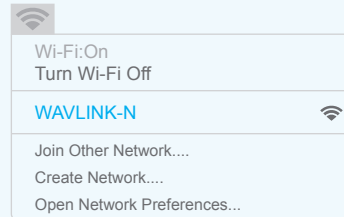
2 Connect to the Device

For Windows User



1. Disconnect the Ethernet (Wired) connection from your laptop (if any).
2. Turn your laptop's Wi-Fi ON if it is OFF.
3. Click the Wi-Fi icon on the taskbar and connect to the Device's network: **WAVLINK-N**.

For Mac OS X User



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

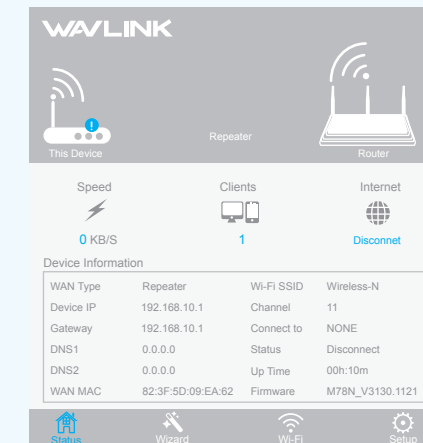
3 Configure

1. Launch a web browser and type <http://ap.setup> in the address field. Enter **admin** (all lowercase) to login.

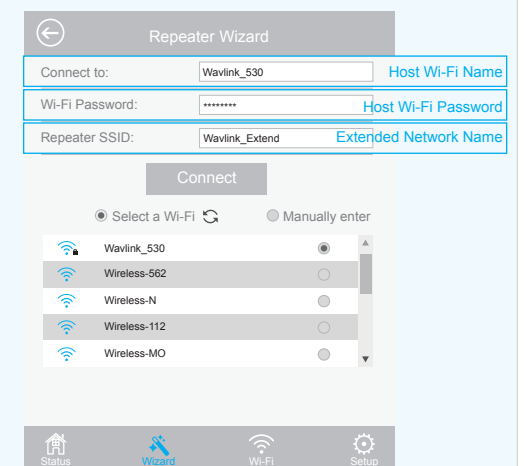


If the login window does not pop up, please refer to the FAQ > Q1.

2. Click **"Wizard"**.



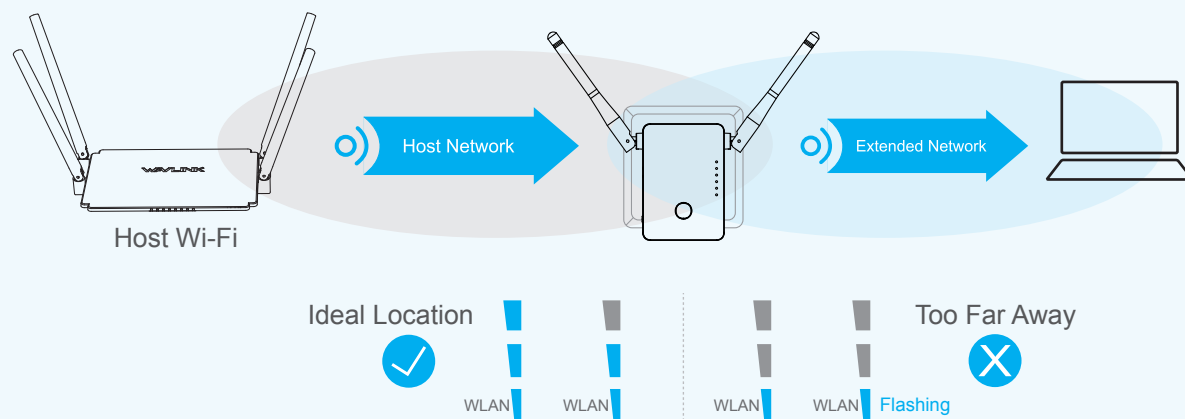
3. Select a Wi-Fi SSID of your router (Host Wi-Fi) and enter the password. Either keep the same SSID as your host Wi-Fi or create a new name for the extended network.



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

4 Relocate

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, relocate it closer to the router to achieve a good (or better) signal quality.



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 the 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 Access Point Mode

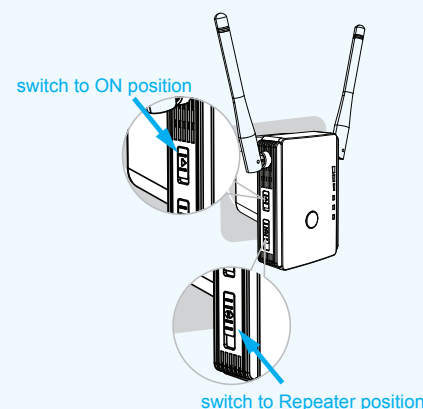
The Device also supports Router/AP Mode which you could also choose the mode that you prefer.

- Router Mode
- PPPoE Enter the User Name and Password provided by your ISP, these fields are 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.

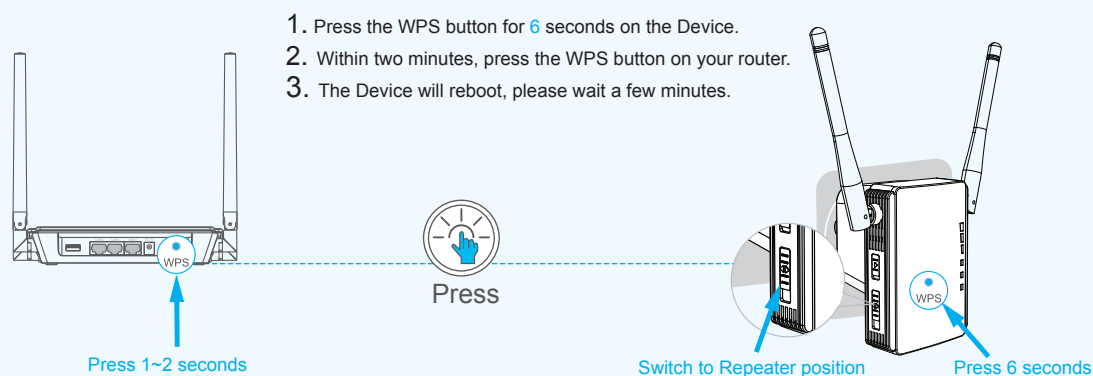
OPTION TWO Wi-Fi Repeater Mode Using WPS (Wi-Fi Protected Setup)

1 Power ON



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

2 Connect

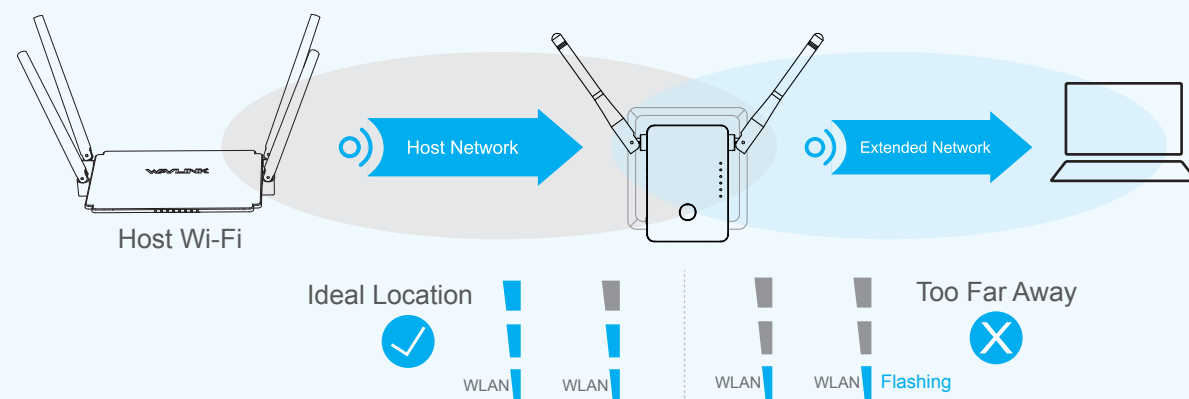


Tips: The corresponding WLAN LEDs should turn on and stay solid, indicating successful connections.

Note:

- 1). Some ISP gateways disable the WPS function by default. If the WPS connection fails, please use **OPTION ONE**.
- 2). For more information about using WPS on your router, please refer to the router manufacturer's user guide.

3 Relocate



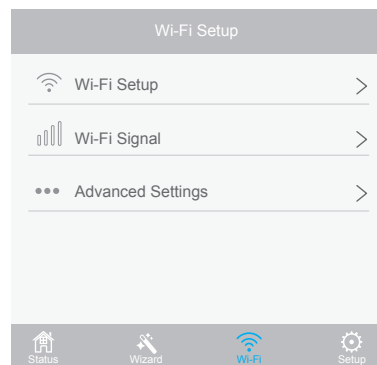
Tips: Use your phone to find the ideal location for the Device. If your phone's Wi-Fi signal(received from your router) is higher than 3 levels, it is the ideal spot to install the Device. If not, we suggest you to move closer to your router for better Wi-Fi signal.

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, relocate it closer to the router to achieve a good (or better) signal quality.

Management via Web Browser

Wireless Basic Configuration

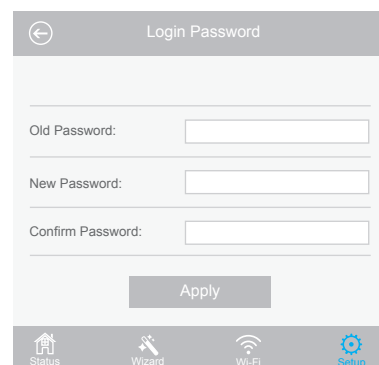
1. Click **"Wi-Fi"**.
2. You can customize wireless network for the Device.



Change Login Password

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

1. Visit <http://ap.setup>, 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 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 **"Browse"** 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.

NOTE: Never interrupt the upgrade procedure by closing the web browser or physically disconnect your computer from the device. If the procedure is interrupt, the firmware upgrade will fail, and you may have to return the device to the dealer to ask for help.

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<http://www.gnu.org/licenses/gpl.html>

FAQ (Frequently Asked Questions)

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

- Make sure your computer is connected to the Extended network SSID or connect your computer to the Device using an Ethernet cable.
- Make sure your computer is set to obtain an IP address automatically.
- Verify that <http://ap.setup> is correctly entered in the web browser and press **Enter**.

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

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

Q3. How do I restore the Device to its factory default settings?

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

For more details, please refer to www.wavlink.com.

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.