WAVLINK

see the world

QUICK START GUIDE

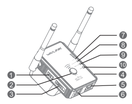
WL-WN578R2

WAVLINK (@WavlinkOfficial)
WAVLINK SUPPORT (@WavlinkTechSupport)

Package Contents

Before you starting to use this router, please check if there's anything missing in the package, and contact your dealer of purchase to claim for missing items:

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 Single
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 Single

Mode				Description
AP/Router	ON	ON	ON	**Wi-FiSingle 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**

Default Parameters

Default IP: 192.168.10.1
URL: http://ap.setup
Login Name: admin
Password: admin
Wi-Fi SSID: WAVLINK
Wi-Fi Key: no

NOTE: If you need to **Reset** the Wi-Fi Repeater, you need press and hold the reset button inside the tiny hole for **3 seconds**.

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

Setting up a Wireless Infrastructure Network
For a typical wireless setup at home (as shown below), please do the following:

Wireless AP Mode

The AP/Router is connected to a wired network-then transforms the wired Internet access intowireless so that multiple devices can share theInternet. **So this mode is fit for** office, home andplaces where only wired network is available.

Wireless Repeater Mode

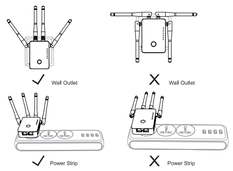
The AP/Router copies and reinforces theexisting wireless signal to extend thecoverage of the signal. **Don't change** the network's name (SSID) and password **yet**. This mode is especially useful for a largespace to eliminate signal-blind corners. **So this mode is fit for** large house, office,warehouse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

Router Mode

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

※Please DO NOT install the Extender in where it is heavily surrounded by things. And KEEP AWAY from the strong electromagnetic radiation.

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

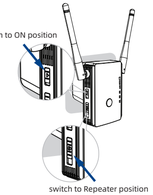


Wi-Fi Repeater Mode Configuration

Option I Using Web Browser

1. Power ON

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



2. Connect to the Device.

For Windows users

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 Click the Wi-Fi icon on the taskbar and connect to the Device's network: **WAVLINK-N**.

For Mac users

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 Click the Wi-Fi icon on the top right corner of the screen, and connect to the Device'snetwork: **WAVLINK-N**.

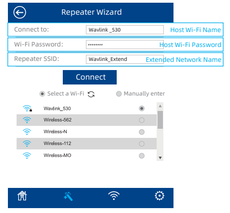
3. Configure

1. Launch a web browser and type **wifi.wavlink.com** in the address field. The default password is **admin** (all lowercase) to login.

Tips: If the login window does not pop up, pleas refer to the FAQs-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 electical outlet about hallway 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 t 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.

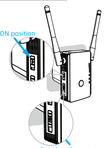
Router Mode — PPPoE: Enter the User Name and Password provided by your ISP, these fields are case-sensitive.

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.

Wi-Fi Repeater Mode



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.

Connect

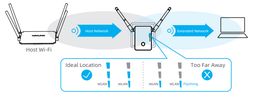
1. Press the WPS button for **6** seconds on the Extender.
2. Within two minutes, press the WPS button on your router.
3. The Extender will reboot, please wait a few minutes.

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 ONE**
2). For more information about using WPS on your router, please refer to the router manufacturer's user guide.

4. 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 t 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 yourexisting 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 Configuration1.

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 changethe 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 recommendyou 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 physicallydisconnect your computer from the device. If the procedure is interrupt, the firmwareupgrade will fail, and you may have to return the device to the dealer to ask for help.

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 press Enter.

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 then try again.

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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.
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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 forthe recycling of electrical and electronic equipment, or returned to the supplier for disposal.

Thank you for purchasing WAVLINK product!

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

名称： WN578R2英语说明书WAVLINK-E1	
成品尺寸：75x105mm	展开： 665x105mm
材质工艺： 105g铜板+4C正反双面印刷+风琴折	
修改时间： 2022.8.16 杨宇平	
备注：	