

WAVLINK®

Quick Start Guide

»»» TouchLink Dual Band Wi-Fi Router

EN

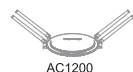
REV.2

Hardware Connection

Step 1:
Unplug or power off your modem.

Step 2:
Cable your modem.

Step 3:
Connect your router to a power source.



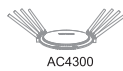
AC1200



AC2100

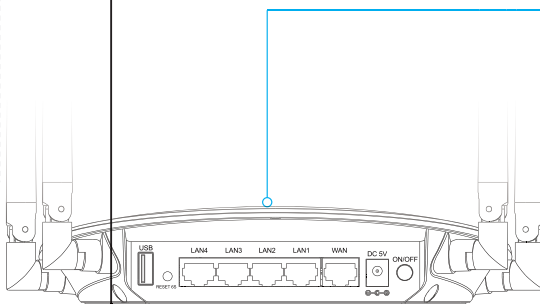
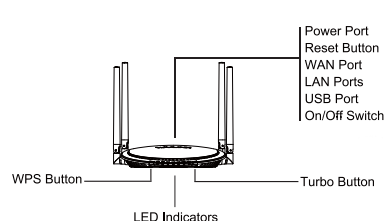


AC3000



AC4300

Hardware Overview



LED Indicators

PWR	Solid on: The router is powered on. Off: The router is not receiving electrical power.
WAN/LAN	Solid on: A powered-on device is connected to the port. Off: No device is connected to this port.
WiFi	Solid on: The WiFi is on. Off: The WiFi is off.

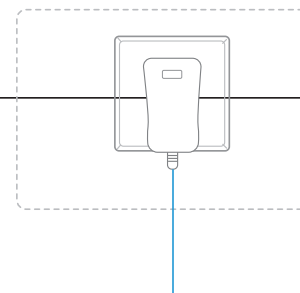
WPS Button: Press and hold **2** seconds for WPS one-key encryption and connection.
Reset Button: Press and hold **6** seconds for system reset.

The WAVLINK LED indicator:

Solid blue: The Internet connection is ready

Blue flash: Touchlink mode or WPS is on open status

Red flash: The router has no Internet connection



2 Cable WAN port

3



WAVLINK APP



Default Parameters

Login: <http://wifi.wavlink.com>
Default IP: 192.168.10.1
Login Password: admin

AC1200/AC2100

2.4G SSID:
WAVLINK-N
5G/AC SSID:
WAVLINK-AC
TouchLink SSID:
WAVLINK_Touch

AC3000

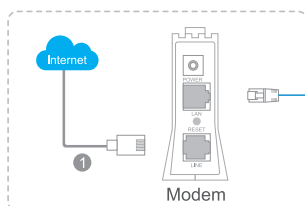
2.4G SSID:
WAVLINK-N
5G/AC SSID:
WAVLINK-AC
WAVLINK-AC-1733M
TouchLink SSID:
WAVLINK_Touch

AC4300

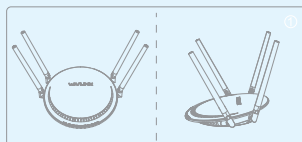
2.4G SSID:
WAVLINK-N-800M
5G/AC SSID:
WAVLINK-AC1-1733M
WAVLINK-AC2-1733M
TouchLink SSID:
WAVLINK_Touch

In The Box

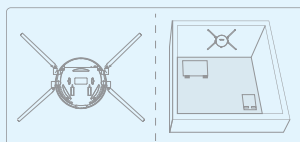
- 1 x TouchLink Wi-Fi Router
- 1 x RJ45 Ethernet Cable
- 1 x Power Adapter
- 1 x Quick Start Guide



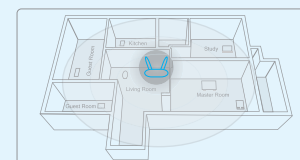
- For optimum performance, position your router's antennas as shown in the drawing below.



- If you want to hang it on the wall, position your router's antennas as shown in the drawing below.



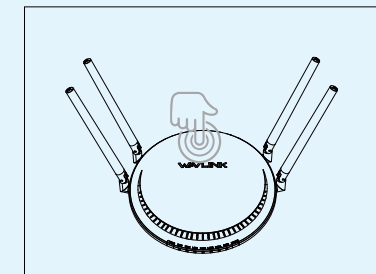
- Your router needs to be connected to a modem. So this may limit where you place it, depending on the length of the ethernet and power cables. If possible, place your router in plain view like on a shelf or TV stand. It also helps to choose a central location at eye level.



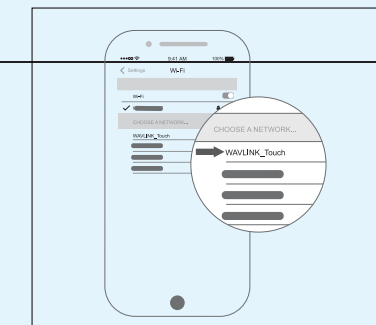
Patented TouchLink Technology

Touch and Connect | Make Sharing Easy

1. Touch the WAVLINK sensing area, the WAVLINK LED flashes blue indicating that you can connect to the WIFI without the requirement of entering the password **within 2 minutes**.(default)
» wifi configuration → Touchlink → Timer(second) and select timer from 30 to 200 sec.

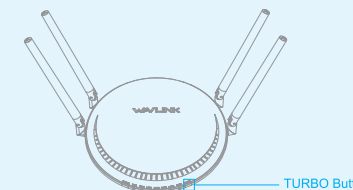


2. Select a network with 'Touch' in it, then confirm the connection.
Note: Touchlink works for any smartphone, Pad, laptop etc.



TURBO Technology

One button to optimize your network

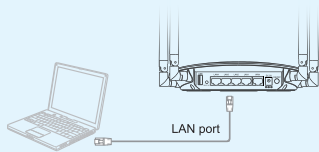


Note:
The WAVLINK LED flashes about 5 seconds to complete the network optimization after pushing the TURBO button.

Configure via Web Browser

1 Connect your computer to the Router (Wired or Wireless):

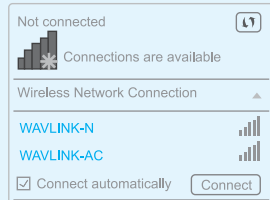
•Wired



•Wireless

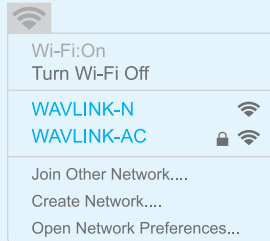
Connect wirelessly using the SSID (Wi-Fi Name).

For Windows Users



- Turn your Laptop's Wi-Fi ON if it is OFF.
- Click the Wi-Fi icon on the taskbar and connect to the router's network:
WAVLINK-N or WAVLINK-AC.

For Mac OS X User



- Turn your Laptop's Wi-Fi ON if it is OFF.
- Click the Wi-Fi icon on the top right corner of the screen, and connect to the router's network:
WAVLINK-N or WAVLINK-AC.

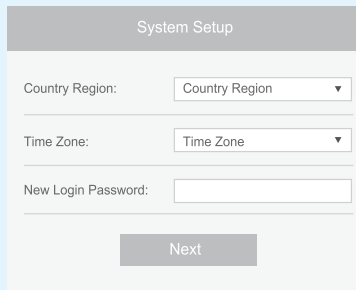
2 Setup your Wi-Fi network:

B1. Enter <http://wifi.wavlink.com> or <http://192.168.10.1> in the address field of a web browser, Enter **admin** (all lowercase) for the first login.

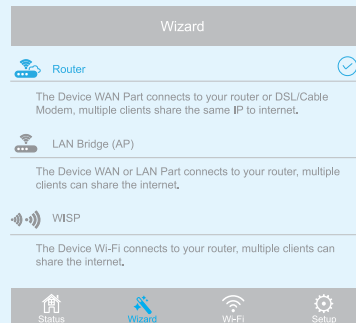
Note: If the login window does not appear, please refer to FAQ>Q1.



B2. The "System Setup" window will pop up after logging in. Configure and create a new login password, then click **Next**.
Note: Use the new password for future login attempts.

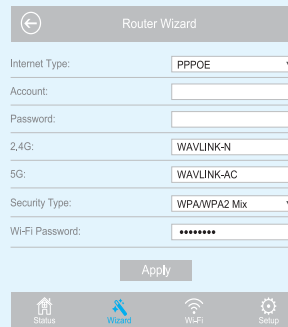


B3. Select **Router**.



B4. When your Internet service starts, your Internet service provider (ISP) typically gives you all the information needed to connect to the internet. If you cannot locate this information, ask your ISP to provide it.

- From the **Internet Type** menu, select your Internet connection type from the drop-down list: **DHCP**, **PPPOE** or **STATIC**. And then, enter the information provided by your ISP in the corresponding fields.
Note: If you are not sure what your Internet type is, contact your Internet service provider (ISP) for assistance.



Tips:
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**. If you are provided information such as IP address, Subnet Mask and Default Gateway, choose **STATIC**.

- The default 2.4G SSID and 5G SSID are WAVLINK-N and WAVLINK-AC. You can use the default SSIDs or create your own SSIDs here.



- From the **Security Type** menu, select a security type from the drop-down list (**WPA/WPA2 Mix** recommended). And create a Wi-Fi password for security purpose. Wi-Fi password is case-sensitive.



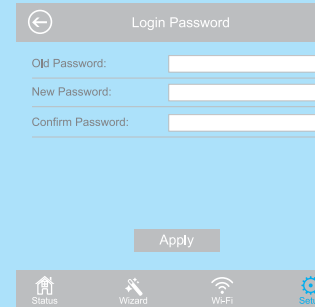
- Click **Apply**. Installation and basic setup takes a few minutes to complete.



Congratulations!
You have completed the quick setup.

Change login password

- Click **Setup->Login Password**.
- Enter the old password. Then enter the new password (case-sensitive) and click **Apply** button to confirm.

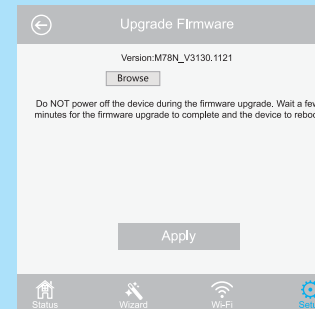


- Use the new password for future login attempts.

Firmware Upgrade

Firmware upgrade can fix bugs of the router. However, We **DO NOT** recommend you upgrade the firmware of the router if it works properly.

- Download the latest firmware file for the router from our website www.wavlink.com.
- Click **Setup > Upgrade Firmware**.



- Click **Browse** (or **Choose File**) to locate the downloaded new firmware file.
- Click **Apply** button, and wait a few minutes for the firmware upgrade to complete.

Warranty voids if you interrupted the upgrade procedure.

USB Features

Use the USB port for media sharing and storage sharing across your local network.



USB port



Media Sharing



Local Storage Sharing

FAQ (Frequently Asked Questions)

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

- Make sure your computer is set to obtain an IP address automatically.
- Verify if <http://wifi.wavlink.com> is correctly entered in the web browser. Alternatively, enter <http://192.168.10.1> in the web browser.
- Use another web browser and try again.
- Reboot your router and try again.

Q2. What can I do if I cannot access the Internet?

- Check if the Internet is working normally by connecting a computer directly to the modem using an Ethernet cable. If it is not, contact your internet service provider.
- Open a web browser, enter <http://wifi.wavlink.com> or <http://192.168.10.1> and run the quick setup again.
- Reboot your router and try again.

Q3. How can I restore the router to its factory default settings?

- While the router is powered on, press and hold the **Reset** button on the back for 6 seconds.

Q4. What can I do if I forget my Administration Management password?

- Refer to FAQ > Q3 to reset the router, and then use the default **admin** (all lowercase) to login.

Q5. What can I do if I forget my wireless network password?

- Log in the router's web management page at <http://wifi.wavlink.com> and go to **Wi-Fi -> Wi-Fi Setup**, you can find your Wi-Fi password here.

Q6. How to deploy the router to get the best Wi-Fi signal?

- Keep the router in the most central spot in your home and away from anything that might block its signal such as metal objects, bodies of water, reinforced concrete walls, foil-insulated walls, and other similar construction materials may severely weaken a wireless signal passing through it.

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This product includes software codes developed by 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 us local office to get the corresponding software and licenses. Please inform us 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.

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<http://www.gnu.org/licenses/old-licenses/gpl-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.

FCC Requirement

changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC 20cm Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

IC Requirement

IC: Wi-Fi 5G

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- 1) L'appareil ne doit pas produire de brouillage;
- L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

The user manual for LE-LAN devices shall contain instructions related to the restrictions mentioned in the above sections, namely that:

i. the device for operation in the band 5150–5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems; (For devices installed in vehicles point i. is not required.)

- iii. for devices with detachable antenna(s), the maximum antenna gain permitted for devices in the band 5725-5850 MHz shall be such that the equipment still complies with the e.i.r.p. limits as appropriate;
- iv. where applicable, antenna type(s), antenna models(s), and worst-case tilt angle(s) necessary to remain compliant with the e.i.r.p. elevation mask requirement set forth in section 6.2.2.3 shall be clearly indicated.

i. les dispositifs fonctionnant dans la bande de 5 150 à 5 250 MHz sont réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux4;

- iii. pour les dispositifs munis d'antennes amovibles, le gain maximal d'antenne permis (pour les dispositifs utilisant la bande de 5 725 à 5 850 MHz) doit être conforme à la limite de la p.i.r.e. spécifiée, selon le cas;
- iv. lorsqu'il y a lieu, les types d'antennes (s'il y en a plusieurs), les numéros de modèle de l'antenne et les pires angles d'inclinaison nécessaires pour rester conforme à l'exigence de la p.i.r.e. applicable au masque d'élévation, énoncée à la section 6.2.2.3, doivent être clairement indiqués.

The device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS-102 RF exposure, users can obtain Canadian information on RF exposure and compliance.

Le dispositif rencontre l'exemption des limites courantes d'évaluation dans la section 2.5 de RSS 102 et la conformité à l'exposition de RSS-102 rf, utilisateurs peut obtenir l'information canadienne sur l'exposition et la conformité de rf.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

Cet émetteur ne doit pas être Co-placé ou ne fonctionnant en même temps qu'aucune autre antenne ou émetteur. Cet équipement devrait être installé et actionné avec une distance minimum de 20 centimètres entre le radiateur et votre corps.