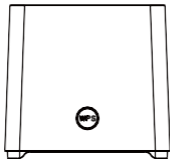




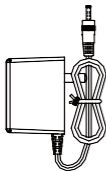
Router User Manual

Model: NL-81

1 Packing List



Router x1



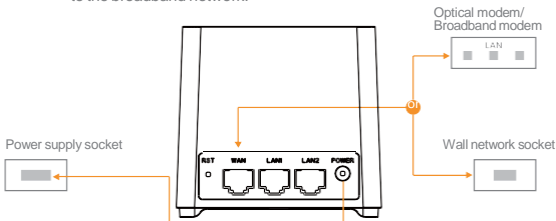
Power adapterx1



Network cabledx1

2 Installation Instructions

Connect the router to the power and connect the WAN port to the broadband network.



*The first network port on the right side of the power hole is the WAN port, and the second, third network port is LAN port.

If the router LED indicator is red and the network is not connected, please refer to "Configuring the Router".

When the router LED indicator turns white, the router has been successfully installed.

3

Configuring the Router

3.1 Configuring using APP (recommended)

- 1、 Download and install "Router WiFi" APP and register to login to the home page;

* This APP can manage routers such as remote control, smart connection, open Wi-Fi timer, open guest Wi-Fi, etc.



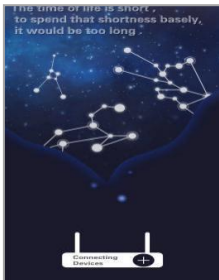
Router WiFi

- 2、 Open the mobile phone WLAN settings page, select and connect the CLARO_WIFIXX Wi-Fi network (Wi-Fi name and password to view the bottom label of the router);

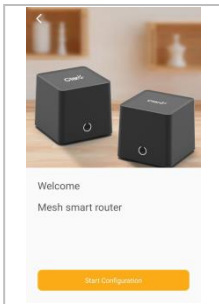
*If the mobile phone system is IOS, please connect WiFi according to the IOS interface prompts.



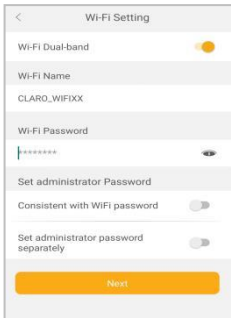
3、 Click the “ + ” and click the “Connecting Device”



4、 Click "start Configuration" will automatically detect the Internet access method;

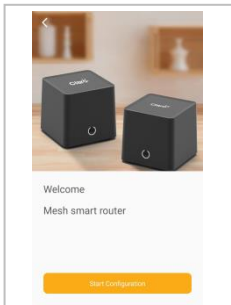


4.1 、 When the automatic detection is successful, the Wi-Fi settings are automatically entered.



4.2 、 When the automatic detection fails, you can reconnect.

(This step may be skipped due to different internet access methods.)



- 5、 Set the router's new Wi-Fi and administrator password. It is recommended to set the Wi-Fi password as the administrator password.

Wi-Fi Setting

Wi-Fi Dual-band

Wi-Fi Name
CLARO_WIFI73

Wi-Fi Password
.....

Set administrator Password

Consistent with WiFi password

Set administrator password separately

Next

- 6、 The configuration is successful.

* The router LED indicator white long bright indicates that the network connection is successful, and can access the Internet

Router configuration complete!

Device

Start Experiencing

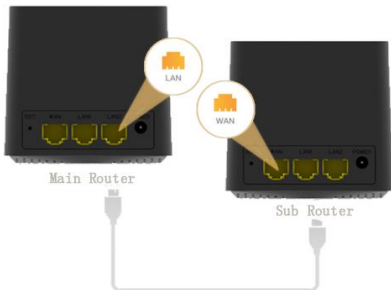
* If the network match is abnormal, you can press RET button for more than 3 seconds to resume the factory settings and start again.

3.2 * Other (optional reading):

How to add multiple sub-routers to extend Wi-Fi network?

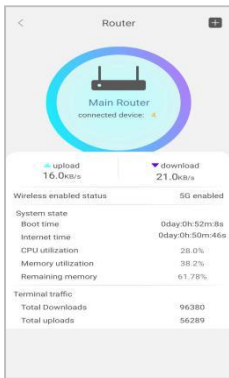
Method 1: Use network cable to add sub-router

Connect the power supply, insert the two ends of a network cable between the router's network ports (the WAN port of the sub-router connect the LAN port of the main router), automatically obtain the configuration and connect successfully.

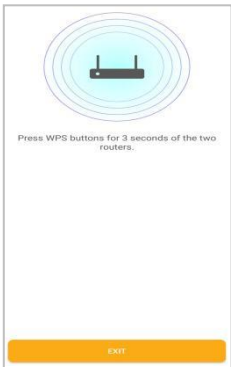


Method 2: Use APP to add sub-router

- 1、 The sub-router is close to the main router and connected to the power supply.
- 2、 Open the “+” enter the Search Router page



- 3、 Press the WPS button of the sub-router about 3 seconds. After the LED indicator flashes, release it and start the network configuration. If the LED indicator turns white and bright, the network is successful (usually about 1 minutes). After successful networking, the APP interface displays the connected sub-routers.



4 Product Specification

Parameter Name	Parameter Description
Equipment Power Consumption	<9W (Not include power adapter)
Power Input	12VDC , 1A
Environment Temperature	Working temperature: -10°C~50°C Storage temperature: -20°C~70°C
Ambient Humidity	10%~95% (Non-condensing)
Dimension	90mm (L) x90mm (W) x84mm (H)
Weight	About 135g



Environmental protection labeling:

The environmental protection service life shall be labeled in accordance with SJ/Z 11388-2009 General Rules for the Environmental Protection Service Life of Electronic Information Products. The signs identified on the product ontology indicate that the use period of environmental protection is 20 years. The environmental protection service life of electronic and electrical products refers to the period when the toxic and harmful substances or elements contained in the electronic and electrical products will not leak to the outside, and the users of the electronic and electrical products will not cause pollution to the environment or damage to the human body and property when using the electronic and electrical products. Please use this product according to the instruction manual during the period of environmental protection.

FCC STATEMENT

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.

Caution!

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

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 Radiation Exposure Statement

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment and it also complies with Part 15 of the FCC RF Rules. This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provided with antenna installation instructions and consider removing the no-collocation statement.

Warranty Description

When you purchase a product offered by Newland from an authorized dealer, you have a 12-month warranty as standard, except for man-made causes. The warranty period begins on the date of invoice.

For your lawful rights and interests, please notice:

1. Please keep this card properly. No reissuance will be provided if you lose it and it becomes invalid if altered.
2. In the event of non-man-made failure of the product, you can guarantee the product by the warranty card and the purchase invoice marked with the product number.

Warranty does not cover the following circumstances:

1. Damage or malfunction caused by man-made reasons such as opening or remodel the machine on users' own.
2. Damage or malfunction caused by unsatisfactory environment.
3. Damage or malfunction caused by force majeure incidents (such as fire, earthquake, lightning strike, war).
4. Damage or malfunction caused by failure to operate and maintain in accordance with the user's manual.
5. Damage of external parts such as equipment enclosure, power connector in operation.
6. The inconsistency of the Warranty Card and the product serial number, or the warranty card has been altered.
7. Damage or malfunction caused by transporting, loading and unloading.

We provide paid repair and maintenance service for the products that are beyond the warranty scope.

The final explanation rights of this warranty description are reserved by Newland.

Product Warranty

We appreciate your purchase of Newland product. Please read and fill in the warranty and keep it properly for the future use.

Subscriber Information

Customer Name	
Address/ Zip Code	
Phone	
Email	
Product Model	
Serial Number	
Date of Purchase	
Invoice Number	
Dealer Name	
Dealer Address	
Dealer Phone	

Please keep this card properly. No reissuance if lost

Dealer: (Seal)



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