80 mm

105 mm

rock space

# User Manual

Whole Home Mesh WiFi System
RSD0613(3–pack)

**24hour Online After-sales Service**

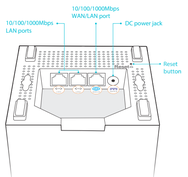
Scan QR To Visit
https: //rockspace. afterservice. vip

Please read this instructions closely and keep it properly.

## Package contents

- Mesh x 3
- Power adapter x 3
- Ethernet cable x 1
- Quick installation guide x 1

## Get to know your device




## I Download and install the RS WiFi App

Download the **RS WiFi** App on your mobile device by searching for **RS WiFi** in App Store/Google Play, or by scanning the QR code. Then, install the App.

Available for iOS and Android

Or

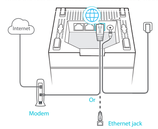
GET IT ON Google Play

Download on the App Store

RS WiFi

## II Connect the primary node

* The first node you set up functions as the primary node, while the rest are referred to as the secondary nodes.

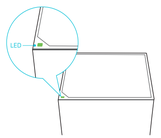



1. Power off your modem, and remove its battery (if any).
2. Use the included Ethernet cable to connect a LAN port of your modem or the Ethernet jack to the (WAN/LAN) port of any node. This node is your primary node.
3. Reinstall the battery of your modem, and power it on.
4. Use the included power adapter to connect the primary node to a power source. Its LED indicator lights solid green. Wait about for 40 seconds. The system completes startup when the LED indicator blinks green.

## III Set up the primary node for internet access

1. Go to the WiFi network list on your mobile device; select the SSID of the primary node, and enter its password. The default SSID and password are specified on the bottom label of any node.

2. Run the **RS WiFi** App and follow the onscreen instructions to set up the primary node. After the primary node is connected to the internet, its LED indicator lights solid green.




## IV Setup the primary node on RS WiFi APP

1.Run the RS WiFi app, click "Add device". The QR code scanning page would show up here. Select "Add Manually" on the left side below the scanning zone.

2. The app will automatically turn back to the WiFi network list and find out the SSID Name labeled on the bottom of the mesh node, input the given default password and connect to the network.

3. After the mesh node will finally connect to the network, open the RS WiFi app again. If the page showing up is the scaning one, click the name of the network on the upper left side of the page and return to the first page of the app. You do not need to scan for a second time.

4. Follow the given instructions. The setup wizard appears. Tap "Setup".

5. The app automatically detects your internet connection type. Enter information according to the internet connection type and tap "Next". The mesh unit is connected to the Internet and the app proceeds to the next step.If your Internet connection type is PPPoE. Enter your PPPoE user name and password and tap "Next".
If your internet connection type is dynamic IP, tap "Next".
If your internet connection type is static IP, enter your IP address and other information your ISP provides, and tap "Next".

6. When the mesh unit and the app is connected successfully, it says" Connected".

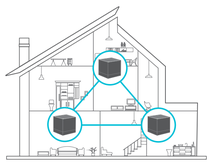
7. The instruction will guide you to the Wireless Setting page for further customizing your personal WiFi Name and Password of the mesh. Tap "OK" when you finish setting up the new one.

Note: If you change the wireless network nameand password and tap "OK", your mobile phone will disconnect with the mesh Wi-Fi network. You need to reconnect to the new wireless network you configured.

8. When the indicator of the mesh unit turns solid green, it is connected to the Internet.

## V Connect the secondary nodes to the Internet on RS APP

1. Place each node:
   - In an elevated, open position within the coverage area of your existing **RS WiFi** network.
   - Keep your nodes away from electronics with strong interference, such as microwave oven, induction cooker, and refrigerator.



2. Use the other power adapters to connect the remaining secondary nodes to separate power sources, and their LED light solid green. Wait for about 40 seconds. The secondary node is connecting to another node when its LED indicator blinks green.

3. After the primary node has been configured, the app will explain how to set up the other nodes. Tap "OK" to view the specific steps. You can also select "Add rock space mesh" on the setting page and follow the steps to finish settings.

4. Observe the LED indicators of the secondary nodes until their LED indicators light one of the following colors:

| | | |
|---|---|---|
| | Solid green | Good connection |
| | Solid yellow | Fair connection |
| | Solid red | Disconnected |

5. If the LED Indicator of a node does not light solid green, relocate it according to the location recommendations in V. part to get better connection.

**Done .**

- To access the internet with:
  - Wired devices: Connect wired devices to the LAN ports of any node.
  - Wireless devices: Connect wireless devices to the WiFi network using the SSID and the WiFi password you set..
- If you want to manage the network anytime, anywhere, tap and use your account to login.

## FAQ

**Q1: How can I change my SSID and password?**
A1: Run the **RS WiFi** App, tap **Settings** in the lower-right corner, tap **Wireless Settings**, change your SSID and password, and tap **Save**.
Then, you need to reconnect your mobile devices using the new SSID and password.

**Q2: How can I remove node from my WiFi network?**
A2: Tap the node on the **RS WiFi** App, tap "…" in the upper-right corner, and choose "**Delete**".
**Note**: Removing operation restores the node to factory settings.

**Q3: Can I add another new set of node to expand my network coverage?**
A3: Yes. Run the **RS WiFi** App, tap **Settings** in the lower-right corner, tap **Add Nova**, and follow the on-screen instructions to add.

**Q4: How to restore my network to factory settings?**
A4: With the nodes powered on, hold the **Reset** button of your primary node down using a paper clip for about 6 seconds, release when the LED indicator blinks fast. Your network is reset successfully when the LED indicator lights solid on then blinks again. And all nodes are restored to factory settings

**Q5: My 2.4 GHz WiFi-enabled devices, such as a home security camera, cannot connect to my nova WiFi network. What should I do?**
A5:
- If your 2.4 GHz WiFi-enabled device supports the WPS function, perform the steps below:
  Step 1 Run **RS WiFi** App, tap **Settings**, **WPS**, and the WPS button corresponding to the node near your device.
  Step 2 Within 2 minutes, enable the WPS function on your device.
- If your 2.4 GHz WiFi-enabled device does NOT support WPS function, perform the steps below:
  Step 1 Connect your smart phone used for setup to the WiFi network.
  Step 2 Run **RS WiFi** App, tap **Settings**, **Smart Assistant**, and **Enable**. Your smart phone connects to the 2.4 GHz WiFi network.
  Step 3 Use the smart phone to set up your 2.4 GHz WiFi-enabled device guided by its App.

**Q6 : How to set AP mode?**
A6 : Step 1: Run the RS WiFi app. Go to Settings>Internet Settings> Connection Type. Select "Bridge" and tap "Save" on the upper right corner.The app will reconnect the network and please connect again when the button "Connect" comes out. The network will automatically match the mesh SSID and finish Internet connection.

Step 2: Then power on the other two nodes, startup completes when LED blinks green. Mesh network is established when LED turns to solid green.

**Q7 : How can I connect the mesh network to my printer?**
A7 : Step 1: Please confirm whether the RS WiFi app you're using is the latest version V1.0.0.32, which is the one has fixed the problem of printer connection.

Step 2: Try to close the Fast Roaming function as the temporary solution, checking whether it is something related to this function;

Step 3: Please reach out via 【Tech Support Email: techsupport@rockspace.cc】 and provide your printer information(Brand and product number) to the tech team for further help, if you still fail to connect.

**Q8 : How can I connect my 2.4G devices to the Internet?**
A8 : You can use the "Smart Assistant" in the Setting page. Enable the button and the mesh system will switch to 2.4G band in the following 30 minutes in order to connect all your 2.4G devices. Meanwhile, other devices will connect to this band too. After half an hour, the connection would interrupt and switch back to 5G band, while 2.4G devices connected to 2.4G band and 5G devices to 5G band. If you need further help with it, please reach out via 【Tech Support Email: techsupport@rockspace.cc】 for more support.

## LED indicator description

After a node is powered on, the LED indicator lights solid green for about 40 seconds to complete startup. Then, the LED indicator lights one of thefollowing colors:

| Node Type | Status | Description |
|---|---|---|
| The primary node | Blinking green fast | Connecting to the internet |
| | Solid green | Connected to the internet |
| | Solid red | Disconnected |
| The secondary node | Blinking green slowly | Wait for connecting to another node, or searching for another node |
| | Blinking green fast | Connecting to the internet |
| | Solid green | Good connection |
| | Solid yellow | Fair connection |
| | Solid red | Disconnected |

**Tips:**
When a node is performing WPS negotiation, the LED indicator description is shown as below:
- Blinking green slowly: Ready for WPS negotiation.
- Blinking green fast: Performing WPS negotiation with a wireless device.

For EU/EFTA, this product can be used in the following countries:

| | | | | | | |
|---|---|---|---|---|---|---|
| BE | BG | CZ | DK | DE | EE | IE |
| EL | ES | FR | HR | IT | CY | LV |
| LT | LU | HU | MT | NL | AT | PL |
| PT | RO | SI | SK | FI | SE | UK |

## CE Mark Warning

This is a Class B product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.
Operations in the 5.15-5.250Hz band are restricted to indoor use only.
This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

**NOTE:** (1) The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment.
(2) To avoid unnecessary radiation interference, it is recommended to use a shielded RJ45 cable.
WARNING: The mains plug is used as disconnect device, the disconnect device shall remain readily operable.

**Declaration of Conformity for Mesh3**
Hereby, SHENZHEN RENQING EXCELLENT INVESTMENT CO.,LTD declares that the radio equipment type Mesh3(RSD0613)(RSD0613)is composed of one to three Mesh3) is in compliance with Directive 2014/53/EU.
The full text of the EU declaration of conformity is available at the following internet address:
http://www.tendacn.com/en/service/download-cata-101.html

**Operate Frequency:**
2.4 GHz: EU(2400-2483.5MHz (CH1-CH13)
5 GHz: EU(5150-5250MHz (CH36-CH48)
**EIRP Power (Max.):**
2.4 GHz: 19.67dBm
5 GHz: 22.21dBm
**Software Version:** V1.0.0.32

## FCC Statement

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.

This device is restricted to be used in the indoor.
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.

**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 should be installed and operated with minimum distance 20cm between the radiator & your body.

**Caution:**
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.
This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

**NOTE:**
(1) The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. (2) To avoid unnecessary radiation interference, it is recommended to use a shielded RJ45 cable.

Caution:
Adapter Model: BN071-A12012E/BN036-A12012B/BN071-A12012U
Manufacturer: SHENZHEN RENQING EXCELLENT INVESTMENT CO.,LTD.
Input: 100-240 V AC, 50/60 Hz, 0.6 A
Output: 12 V DC, 1.5A ⎓ : DC Voltage

**Operating Environment**
Temperature: 0°C-40°C Humidity: (10 - 90)% RH, non-condensing

RECYCLING
This product bears the selective sorting symbol for Waste electrical and electronic equipment (WEEE).
This means that this product must be handled pursuant to European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment.
User has the choice to give his product to a competent recycling organization or to the retailer when he buys new electrical or electronic equipment.

**Technical Support**


Shenzhen Renqing Excellent Technology Co., Ltd.
Address: 3/4, No.15, Longfu Industrial Zone, Huarong Road, Tongsheng Community, Dalang Street, Longhua District, Shenzhen, China
Email: techsupport@rockspace.cc
Website: www.rockspace.cc
Technical Phone Support: +18338316556
Service Time: EST: 9:00-17:00 / PDT: 06:00-14:00,from Monday to Friday
24hour Online After-sales Service: https: //rockspace. afterservice. vip


**NOTE: Please go to the rock space official website to download specific using instructions.**
**www.rockspace.hk/en/news.aspx**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