

# rock space

## Quick Start Guide

EN

AX1800 Dual Band Wi-Fi Extender  
Model: RSD0618

Button	Description
	To restore the WiFi range extender to the original factory settings: Plug the extender into a power outlet (the reset pinhole is on the bottom of the extender), using a paperclip, press and hold the reset pinhole for over 5 seconds, and then let go. The extender will then reboot and be at factory default settings.
	To extend your existing WiFi network with WPS: Press the WPS function of your router, open 2.4G/5G WPS function of the extender within two minutes, then the extender can connect to the router.

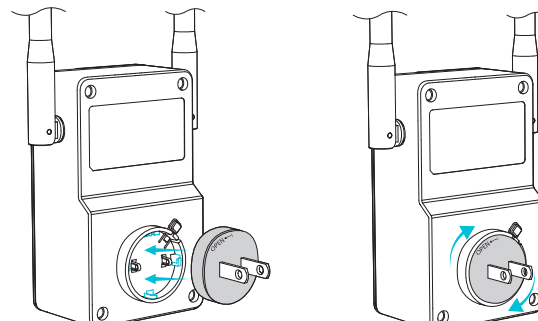
Technical Support:  
Email: techsupport@rockspace.cc  
24hour Online After-sales Service: <https://rockspace.afterservice.vip>  
The website list above is the ONLY official after sales service website that's been authorized.  
Please DO NOT trust the other websites for technical support.

### LED Descriptions

LED	State	Description
PWR LED	Solid on	The extender is booting.
	Slow Blinking	The extender is working normally.
	Quick Blinking	The extender is being reset, ready to reboot.
WPS LED	On	The extender is powered off.
	Off	The extender is powered off.
	Off	The extender is powered off.
Signal LED (2.4G and 5G)	On	WPS function is enabled.(Lasts for 2 minutes)
	Off	WPS function is not enabled.
	Off	WPS function is not enabled.
Signal LED (2.4G and 5G)	Blue Solid on	Signal is good.
	Orange Solid on	Signal is weak.
	Off	Extension failed.

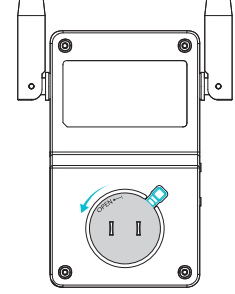
### Install and Remove

Please follow the two steps below to install the plug.



1. Align the detachable plug with the three positioning notches on the repeater.  
2. Turn the plug clockwise (you can hear a click) to tighten.

Please follow the step below to remove the plug.

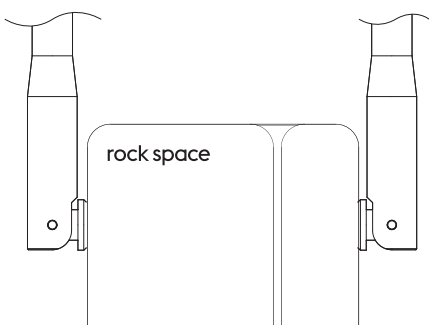


Press the button next to it and then turn it counterclockwise to remove the plug.

### Method 1: Connect to an Existing WiFi Network with Web Browser Setup

#### 1 Place the Extender and Apply Power

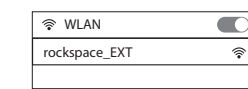
Place your extender in the same room as your WiFi router. Plug the extender into an electrical outlet.



Wait for the PWR LED to turn blue and blinking slowly.

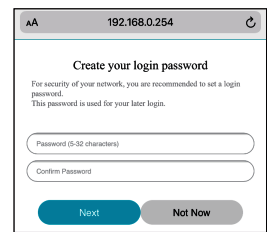
#### 2 Extend Your WiFi Network

1. Use a WiFi network manager on your client device, such as a computer or WiFi device, to find and connect to the "rockspace\_EXT" (SSID) WiFi network.

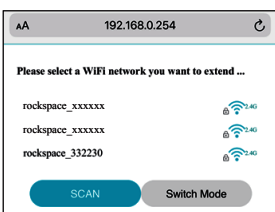


Ensure that the Mobile Data is disabled.

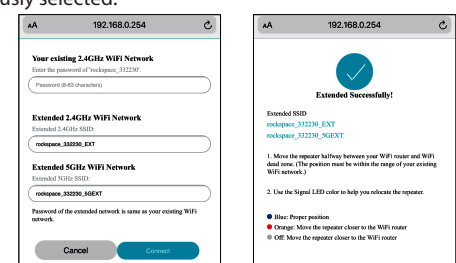
2. After the connection with your client device is established, the setup page will automatically pop up. If the setup page doesn't pop up automatically, you will need to launch web browser and enter 192.168.0.254 to get started. In the Password field, type the password that you wish to use to log into the management interface.  
Note: The password you entered in this step is NOT the password for your extended network, it is the password for the extender's management interface.



3. Select a WiFi network to extend.



4. In the password field, type the password for the existing WiFi network you previously selected.



The SSID of the extended network can be modified, otherwise it will remain the same as that of the existing network you chose to extend. Wait for the page to display a list of WiFi networks, connect your client device to the new extender WiFi network.

Note: The password for the extended network you entered in step 4 should be the same as the password for your existing WiFi network.

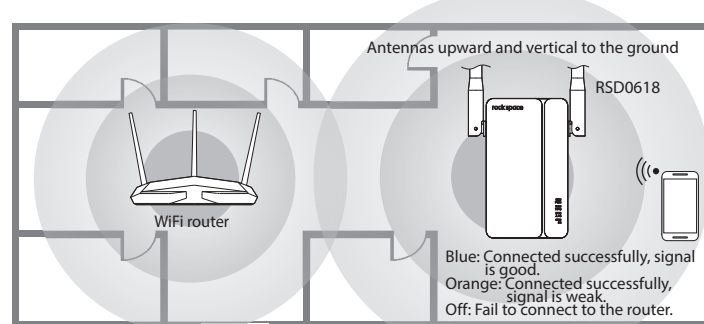
#### 3 Relocate the WiFi Range Extender

1. Unplug the extender and move it to a new location about halfway between your router and the area with a poor WiFi signal. The location that you choose must be within the range of your existing WiFi router network.

2. Plug the extender into an electrical outlet and wait for the Signal LED to light blue. If not, plug the extender into an outlet closer to the router and try again.

3. Use a WiFi network manager on your client device, such as a computer or WiFi device, to find and connect to the extended WiFi network you've set up in the previous step.  
Note: The password for the extended network is the same as the password for your existing WiFi network.

4. After connecting to the repeater wireless signal, enter domain name: re.rockspace.local in the address bar to login.

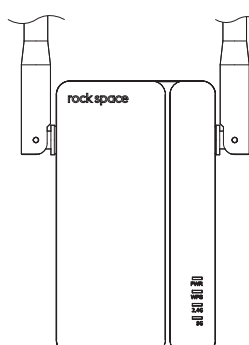


### Method 2: Connect to an Existing WiFi Network with WPS

You can use Method 2 if your router has a WPS button (possible icons of a WPS button: ). Otherwise, use Method 1.

#### 1 Place the Extender and Apply Power

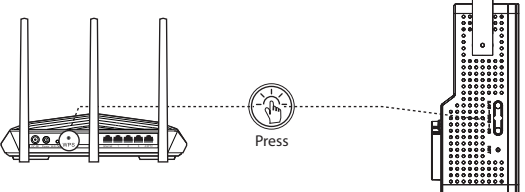
Place your extender in the same room as your WiFi router. Plug the extender into an electrical outlet.



Wait for the PWR LED to turn blue and blinking slowly.

#### 2 Extend Your WiFi Network

1. Press the WPS button on your router. Within two minutes, press the WPS button on the extender.



2. Wait until the Signal LED on the repeater turns solid blue. If the Signal LED does not turn solid blue, try Method 1.

#### 3 Relocate the WiFi Range Extender

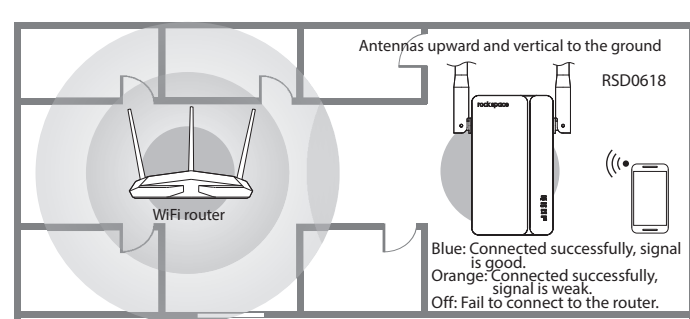
1. Unplug the extender and move it to a new location about halfway between your router and the area with a poor WiFi signal. The location that you choose must be within the range of your existing WiFi router network.

2. Plug the extender into an electrical outlet and wait for the Signal LED to light blue. If not, plug the extender into an outlet closer to the router and try again.

3. Use a WiFi network manager on your client device, such as a computer or WiFi device, to find and connect to the extended WiFi network you've set up in the previous step.

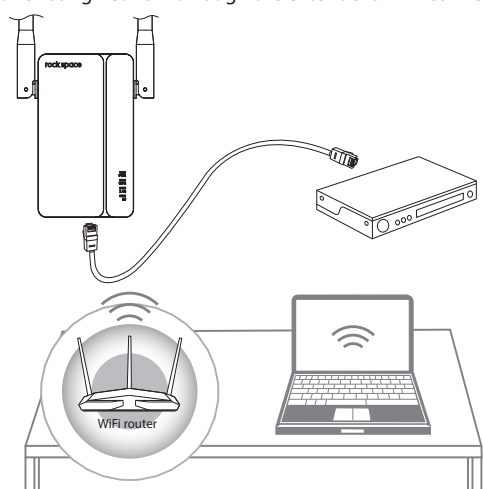
Note: The password for the extended network is the same as the password for your existing WiFi network.

4. After connecting to the repeater wireless signal, enter domain name: re.rockspace.local in the address bar to login.

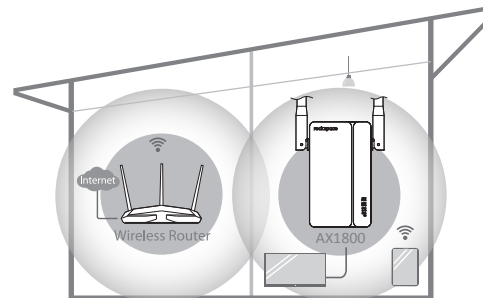


### Connect an Ethernet-Enabled Device

After the extender is connected to your existing WiFi network, you can connect a wired device to the extender using an Ethernet cable. The device can then access your existing network through the extender's WiFi connection.



### How to place the antennas



The antennas of the extender should vertical to the ground.

Note: Please follow the above advice, try not to block the ventilation holes with the antennas, which would affect normal use of the product.

### FAQ

#### Q1: I cannot login to the web UI of the repeater. What should I do?

A1: Try the following solutions:

- If a WiFi device is used, ensure that your WiFi device has connected to the repeater's WiFi network rockspace\_EXT, and the Mobile Data (if any) function is disabled.
- If a computer is used, ensure that your computer has connected to the repeater's WiFi network rockspace\_EXT, and your computer can set to Obtain an IP address automatically and Obtain DNS server address automatically. Or unplug the Ethernet cable.
- Reset the repeater, and try again.

#### Q2: How to reset the repeater?

A2: When the PWR LED of the repeater is blinking slowly, press the RESET button for 2-3 seconds on the repeater with power on using a paper clip, and release. After the PWR LED turns blinking slowly, the repeater is restored to the factory settings.

#### Q3: Why is it useless to press the RST button?

A3: Please confirm long press the RST button for 5 seconds with power on.

#### Q4: The repeater cannot find the WiFi network of my router/modem. What should I do?

A4: The router may be encrypted with WEP or WPA/WPA (Enterprise) algorithm. Change the encryption type of the router to WPA-PSK or WPA2-PSK, and try scanning again.

#### Q5: Unable to login repeater interface

A5: Confirm the situation is before/after extension.  
a. Before the extension:

- Please confirm you have connected to the correct signal of the repeater. (The name of its wireless signal is attached to the product sticker)
- Confirm the IP access (192.168.0.254) that entered in the address bar is correct.

- If you are unable to login, please close the browser (but not just return) and open a new page to try again. If still failed, please wipe all the browsing history or reboot your mobile device, then reopen the web browser.
- If all the solutions above are not working, we recommend that you can restore factory settings or plug it into the socket for recharging, then try to connect and login again.
- If you can't find the superior signal when extending, please try the following solutions:  
There are two ways to deal with this problem:  
Method 1:
  - First, make sure that you have connected to the correct signal of the repeater. Network Name (SSID) repeater is the same as the superior signal (the router signal), you have to confirm you connected to the signal of the repeater.
  - After connecting to the repeater wireless signal, please confirm the extender get connection with correct router. repeater signal is assigned by superior router.
  - Then login with this website address <http://re.rockspace.local>.
  - If failed, please cut off the extender power supply and re-connect the power supply after the extender has been successfully extended the signal, the website window will automatically pop up on the screen.
  - If the last step above doesn't work, please change to a laptop or a mobile phone to login.

#### Method 2:

- First, make sure you have connected to the WiFi signal (no matter the router's or extender's), and then login the interface of the router;
- Open the Client List of the router interface to view connected devices. After finding the mac address (that is attached to the product stick) of the repeater, you can get the IP address of extender that assigned by router.
- Open a browser, enter the IP address in the address bar, and use the created password in the first time to log in to the extender website. enter the interface.

#### Q6: I can find someone else's wifi signal, but I can't find mine?

A6: You need to check the signal strength that your mobile advice can get in the same place. (Maybe the signal in this place is poor)  
You should check if the encryption of the superior router is WEP. Only no encryption, WPA, WPA2 and mixed mode can be supporter by this repeater.

- Whether the superior signal is hidden; (You can check this by your mobile advice)

#### A7: Always prompt for failure when extending.

- 1. Check the indicator is blue/Orange/not bright (if the indicator not bright, it means a failed matching).
- If you can't find the superior signal when extending, please try the following solutions:
  - Set the SSID of the router and repeater to numbers and letters combination;
  - Move the repeater closer to the router;
  - Confirm the encryption mode of the superior signal is not WEP. (Only no encryption, WPA-PSK, WPA2-PSK or their mixed mode can be supported by our repeater)
  - Confirm the superior signal is not turned off or hidden.
  - Login the interface of the router to check if restrictions are made, such as MAC filter, Blacklist.
  - Confirm the password of your superior router you entered is correct. (The password entered in the extension process is the password for the superior router)
  - Modify the signal name and password for the superior router, and reset the repeater.
  - If all these situations are excluded, please send your feedback to this email: techsupport@rockspace.cc. the information includes the superior model, extender serial number, and other information.

#### Q8: The indicator shows Orange or no light (weak signal or failed connecting)?

A8: How to confirm a successful extension?  
1. you can check the Network Name (SSID), if it is still factory setting name ("rockspace\_EXT"), then it means a failed signal extension  
2. Log in to the extender website to check the extender state is extended signal or not.  
3. You can put the repeater and router closer, and observe if the indicator gets solid blue.  
4. If you are sure that the extension is successful, you can keep the antenna upward and parallel with the antenna of the router; If not, please reset its angle.

#### Q9: No internet access after extension?

- Confirm whether the extension is successful. (Judge by indicator and management interface)
- Disconnecting the device without internet access, and connect again to see if it is available.
- Check the router signal strength, if the router signal strength is too low, the extender has hardly extended the signal and doesn't have internet access. low by repeater interface. (We recommend the repeater should be placed somewhere between 40%-50% of the signal strength.)
- When the signal of the repeater is connected, see if its SSID is assigned by router.
- Reset the repeater and try others WiFi signal.

#### Q10: Unable to connect the repeater signal after a while of a successful extension?

- Check on the interface for restrictions and blacklist.
- Clear cache of the extended signal, then reconnect.
- Reset the repeater and set up again.

#### Q11: Sometimes repeater and mobile device will lose their connection after extension?

A11: a. When the indicator turns no light, it means the repeater and router are disconnected.  
Please verify if any changes have been made.  
Enter the router interface to view the history, and check the status of the superior router.  
If the router is fine, check the strength of the signal by indicator's color. You can adjust the location and direction of the repeater.  
b. When the indicator is solid blue  
Please check if the SSID of the repeater contains special characters or Chinese; we suggest that you can set the SSID to alphanumeric combination.

#### Q12: The network is not available after extension.

A12: Check the indicator light color, if the signal indicator light is Off, it means no signal is received from router.

#### Q12: The network is not available after extension.

- Check the indicator light color, if the signal indicator light is off, it means no signal is received from router.
- If the indicator is orange, but no network. Check the router signal strength, if the router signal strength is too weak, the extender has hardly extended the signal and doesn't have internet access. low by repeater interface. (We recommend the repeater should be placed somewhere between 40%-50% of the signal strength.)
- Check the extender signal is connected to the correct router.

#### Q13: The network is slow after extension.

- View the color of the indicator:
  - Solid blue: The signal strength received by repeater is above -70db.
  - Solid orange: The signal strength received by repeater is less than -70db. (The signal is a little bit weak. It is recommended to move the repeater a little closer to the router, and the repeater antenna is parallel to the router.)
  - No light: The signal is weak. It is recommended to move the repeater closer, and the repeater antenna is parallel to the router.

Under general situation, when the signal strength that received by repeater is between 40% and 79% (While the interface shows a signal with 2 bars), the repeater works best at this time.  
Check the network speed when your device connects the router directly at that position.  
a. When the network speed between the router and repeater is the same, it means the connection is fine. (You can check the router.)  
b. When the network speed is faster than that at repeater, please check the following problems:

- Check the location of the repeater, avoid putting it in the corner;
- Check if the antennas of the repeater and the router are paralleled, which will be better for the connection.
- If the above situation is excluded, please reset the repeater, and try to connect the repeater to the router again.
- Reset the repeater.



#### 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 equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. 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 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 RA45 cable.

#### Contact

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#### 24hour Online After-sales Service



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