

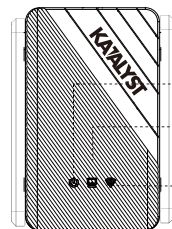


SIDEKICK

WI-FI 6 WIRELESS REPEATER
a100we

Introduction

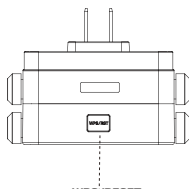
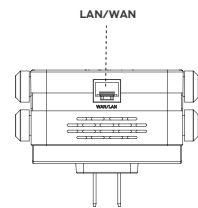
Product Structure



Power indicator:
Blue is always on to indicate the power is on.

Network port status light:
Blue is always on to indicate normal network cable access

WiFi status light:
Steady red indicates that the trunk signal is weak
Steady green indicates that the trunk signal is normal
Steady blue indicates that the trunk signal is strong

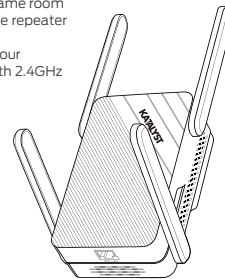


Tip: Hold down the RESET key for 5 seconds to reset the device

SETTING UP

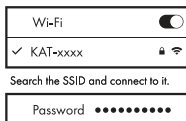
1 Place the Repeater and Apply Power

Place the repeater in the same room as your WiFi router. Plug the repeater into an electrical outlet. Wait for 1-2 minutes, and your repeater will broadcast both 2.4GHz and 5GHz Wi-Fi signals.



2 Connect via Wi-Fi

Use the WiFi network manager on your client device, like a computer or another WiFi device, to find and connect to WiFi "KAT-xxxx" or "KAT-xxxx-5G".



3 Generate a login password

After establishing the connection with your device, the setup page will automatically pop up. If it doesn't pop up, you need to launch a web browser and enter 192.168.10.1 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, then click Next.

Create your login password

For security of your network, you are recommended to set a login password.
This password is used for your later login.

Password (5-32 characters)

Confirm Password

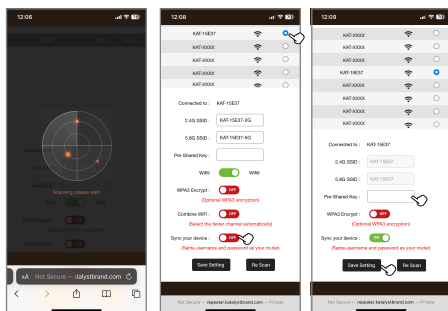
Not Now

Next

4 Select a WiFi network to extend.

After setting the password for the first time, you will automatically enter the repeater scanning page. Then select a WiFi network to extend, enter the password of the upper-level router and click Save to complete the repeater setup.

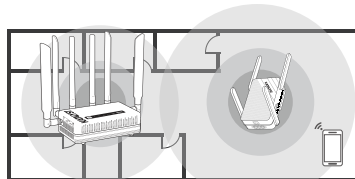
*** Note:** The password entered in this step is the same as the password of the extended WiFi.



- WiFi5/WiFi6 Switch: The repeater can choose between WiFi5 and WiFi6. Default is WiFi6.
- WPA3 Encryption: When enabled, the repeater uses WPA2/WPA3 hybrid mode.
- Combine WiFi: Turn it on to merge 2G and 5G into one SSID. Only the SSID shows in the list box after one relay.
- Sync Your Device: Enable this, and the new WiFi name will match the original. No need to reset the extended WiFi name.

5 Relocate the Repeater

1. Unplug the repeater 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 repeater into an electrical outlet and wait for the WiFi status light to turn light blue. If not, plug the repeater into an outlet closer to the router and try again.
3. Use the WiFi network manager on your client device, like a computer or another WiFi device, to find and connect to the extended WiFi network you've set up in the previous step.
4. After connecting to the repeater's wireless signal, enter the domain name: <http://repeater.katalystbrand.com> in the address bar to log in.



WARRANTY

- We provide **1-year limited warranty** for repeaters and **3-month limited warranty** for accessories.
- Extra warranty may apply according to the local law in which the product purchase took place.
- Any damage to the repeater caused by not following the instructions will render this warranty null and void.
- Any damage to the repeater caused by modifying the PCBA, components or case will render this warranty null and void.
- Issues caused by the use of third-party firmware may not get official support from us.
- Any damage to the repeater caused by inappropriate use, e.g. inappropriate voltage input, high temperature dropping in the water or on the ground will render this warranty null and void.
- Pictures on the instructions are only for reference. We reserve the right to change or modify these materials without further notice.

FCC ID: XXXXX-XXXX

1. 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.

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

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

TROUBLESHOOTING

Q1: How can I set up the repeater by using a Web browser?

A1: First, plug the repeater into an electrical outlet near your router and wait until it gets started. Then connect the computer and the router through the Wi-Fi connection (or through network cable connection). Open any browser, enter <http://repeater.katalystbrand.com> or 192.168.10.1 on the address bar, and it will jump to the configuration interface. Then select the SSID of the superior router and enter the password; then click Save to complete the repeater setup.

Q2: Where shall I place the WiFi repeater?

A2: We suggest that after successful setup, you move this wifi repeater to the halfway point between your router and your weak-signal area. The location you choose must be within the range of your existing WiFi router's network.

Q3: Unable to login to the repeater interface

A3: 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 (192.168.10.1) that you enter 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 it still fails, please clear all the browsing history or reboot your mobile device, then reopen the web browser.
- If all the above solutions do not work, we recommend that you restore factory settings or plug it into the socket for recharging, then try to connect and login again.

b. After the extension:

- First, make sure that you have connected to the correct signal of the repeater.
- After connecting to the repeater's wireless signal, please confirm the repeater gets connected to the correct router. The repeater signal is assigned by the superior router.
- Then login with this website address <http://repeater.katalyst-brand.com>.
- If it fails, please cut off the repeater's power supply and reconnect it after the repeater has successfully extended the signal.
- If the last step above does not work, please change to a laptop or a mobile phone to login.

Q4: How to reset the WiFi repeater?

A4: Press the WPS/Reset button of your repeater for 10 seconds, wait to restore factory settings. When the lamp is off and then lights up again, you can begin to set it up again.



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MADE IN CHINA

128g 铜版纸/彩色印刷/折页+过防刮花哑胶/