

Cleer WiFi Speaker User Guide

powered by Amazon Alexa



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Versions	Date	Modify	Author
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Summary

Cleer WiFi has three connection modes, Wi-Fi mode, Bluetooth mode and line-in.

LED Behavior

There are two groups of LEDs, Bluetooth LED at the bottom and mic interaction LEDs on top.

Bluetooth LED

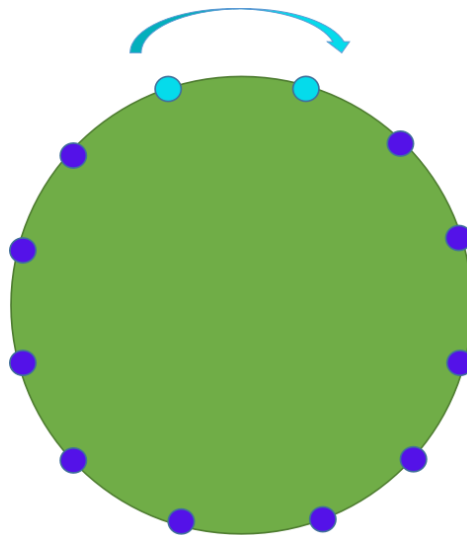
Bluetooth LED is for the indication of three connection status, Bluetooth connected with white LED solid on, Bluetooth disconnected with LED off and Bluetooth connecting with white LED flash.

MIC Interaction LEDs

Twelve LEDs on top are for the indication of various interactions of cleer Wi-Fi speaker so that users can intuitively control or use the device. And various lighting indications are introduced as below and many are referred to Amazon Alexa, as the link, (<https://developer.amazon.com/zh/docs/alexa-voice-service/ux-design-attention.html#alerts>)

1. Power on:

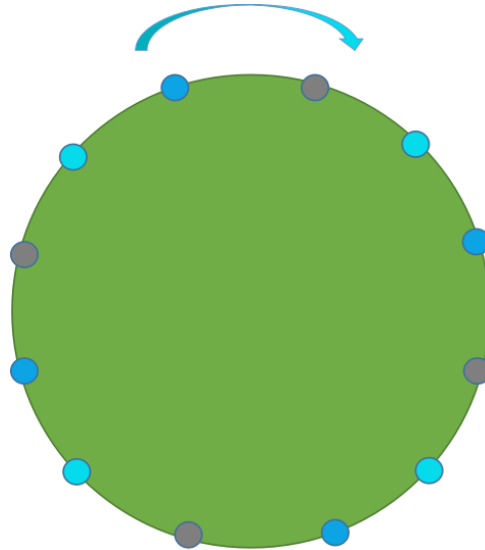
Two LEDs in cyan rotate clockwise in the background of the remaining 10 blue LEDs, with a period of 1.2 seconds, see image as below. After it is powered on, LED is off and device is to enter interaction.



Pic 1. Power on lighting

2. RECOVERY Mode

Three groups of LEDs, each group placed as “+”, rotate and breathe.



Pic 2. Recovery lighting

3. IDLE mode: Refer to Amazon
4. LISTEN trigger mode: Refer to Amazon
5. THINKING mode: Refer to Amazon
6. SPEAKING mode: Refer to Amazon
7. FADE mode: Refer to Amazon
8. SYSERR mode: 12 LEDs in yellow solid on
9. WIFIOFF mode: 12 LEDs in yellow solid on
10. MICOFF mode: Refer to Amazon
11. ALARM mode: Refer to Amazon
12. VOLUME adjustment:

Number and brightness of LEDs in white get increased per volume up from 0 to 12, decreased per volume down from 12 to 0 and the first LED flashes in white for three times when min volume.

13. OTA upgrading:

Twelve LEDs light up in green and then go to lighting mode of RECOVERY mode.

14. NETSET setup mode:

Three LEDs in yellow rotate clockwise with the period of 0.75 seconds.

15. NO_DISTURB mode:

Twelve LEDs in purple breathe once.

15. NOTIFICATION mode: refer to Amazon

16. TIMER mode: refer to Amazon

17. REMINDER mode: refer to Amazon

- `Power on elaboration

After power-on, the LEDs on the top in cyan go out, refer to pic 1. When the system is initialized, the LED will go out and the device will start to enter the interaction mode. At this moment, if the device has already set up the WIFI network, the user can perform the "Alexa" wake-up operation; if the device has not been equipped with the WIFI network, after the booting is completed, the system enters the WIFIOFF mode, and the top MIC LEDs will be solid on in yellow, reminding the user to set up the WIFI network.

- WIFI setup elaboration

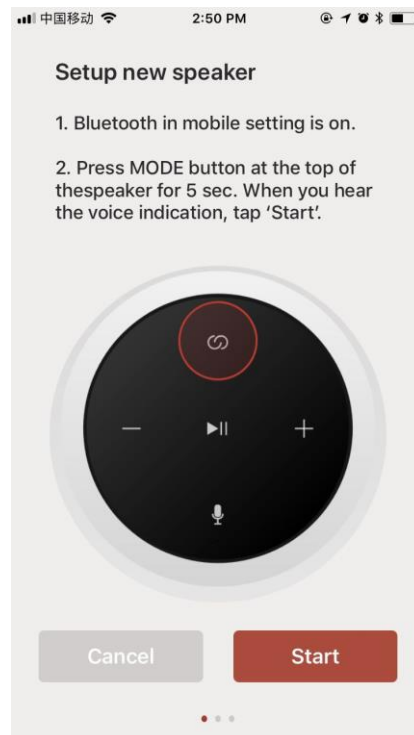
Long tap the mode button “” on touch panel to enter Wi-Fi setup mode, and there will be three LEDs light up in yellow and rotate clockwise. Then open the app for other operations, as below:

1. click the icon of Cleer Connect Plus

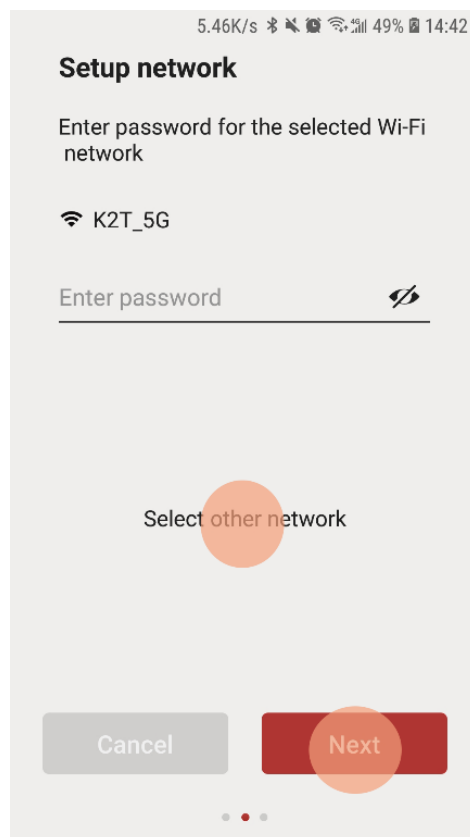


2. If it is the first time to use the app, it will enter the setup guide interface directly.

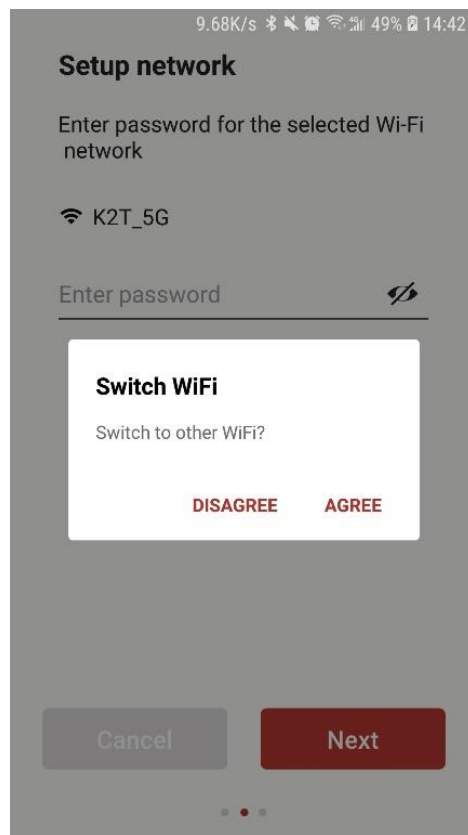
2-1. Firstly, it prompts to long tap the MODE button for about 5s to enter setup mode, then click Start to next interface.



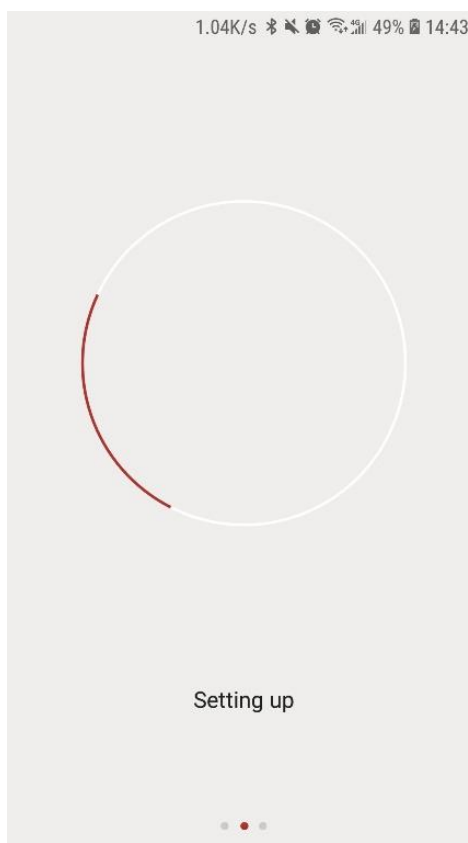
2-2. Enter the correct Wi-Fi password and then click next to start Wi-Fi setup



2-3. If user wants to change the Wi-Fi, click “Select other network”, then “AGREE” to change the Wi-Fi selection.



2-4. “Next”, for device to get setup, and wait for the setup result



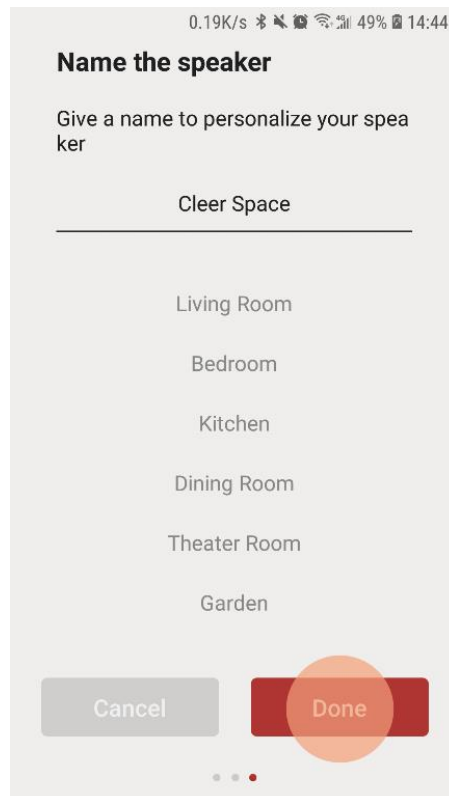
2-5. If there are several devices found for setup, there will be a selection page for user to choose.



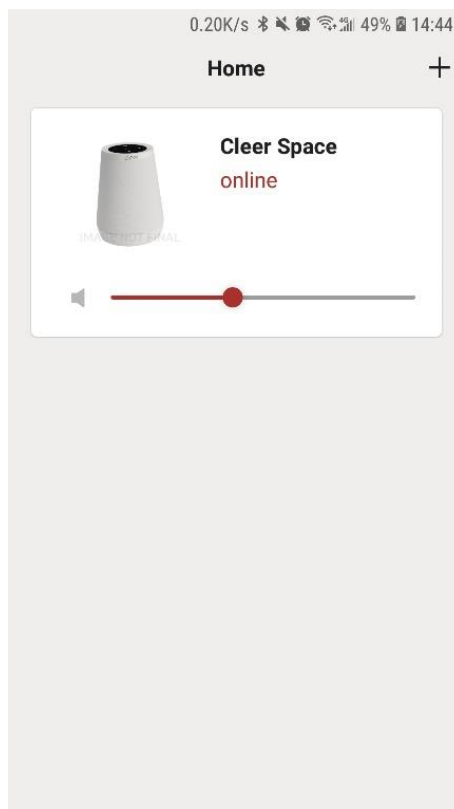
2-6. Once you choose the device in the list, this device will response with a voice prompt. If it is right one the user wants to set up, click "NEXT" for next step.



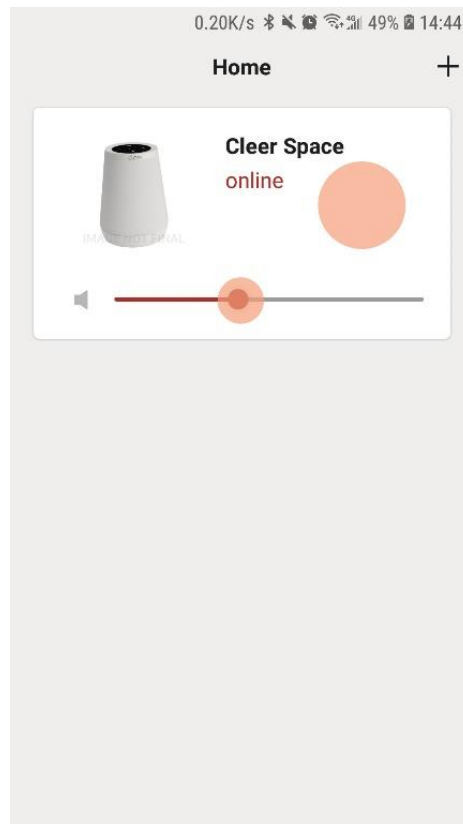
2-7. If the device is set up successfully, it will go to the interface where user can select a name for the device among the list or create a name, then click “Done”.



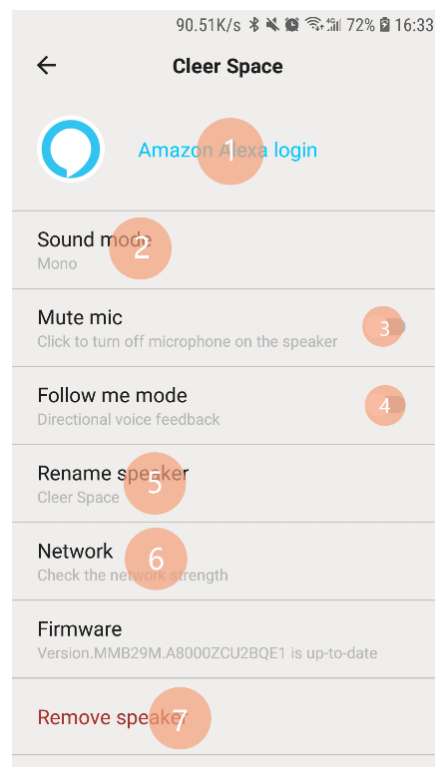
3. With setup done successfully, it will go back to the home page and the setup device will be shown here.



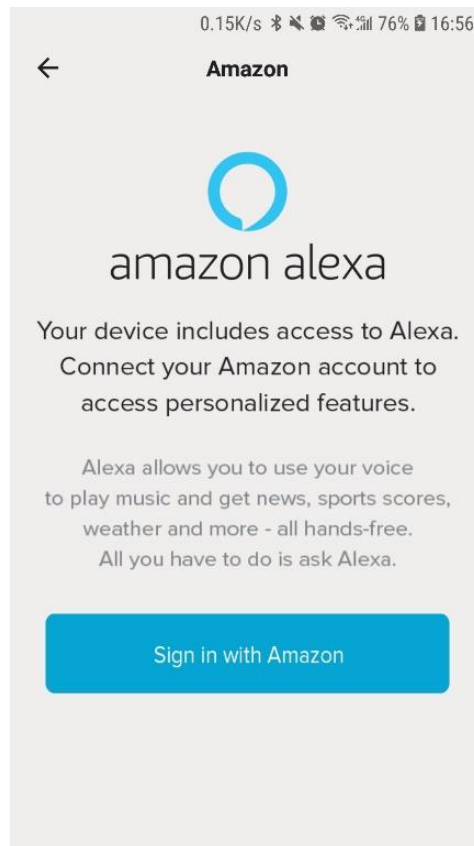
4. For the device online, user can drag the volume button on the interface to adjust the volume or user can click the item to enter the detail page, where user can delete the online device.



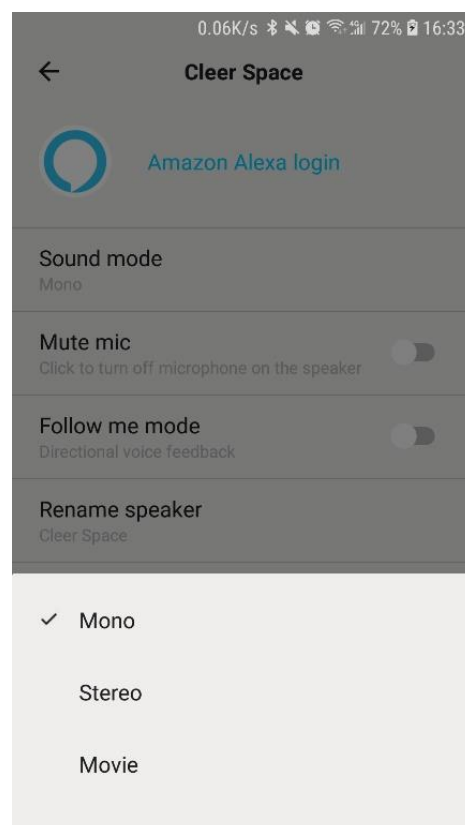
5. Enter detail page



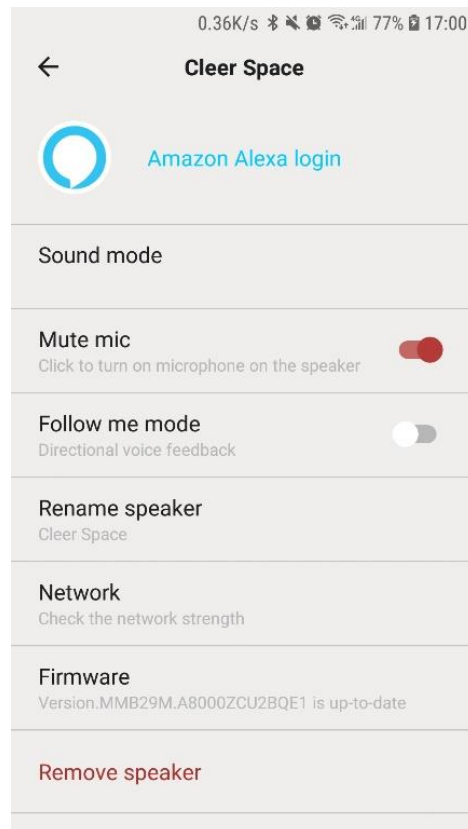
5-1. click item 1, user can enter Alexa set up page



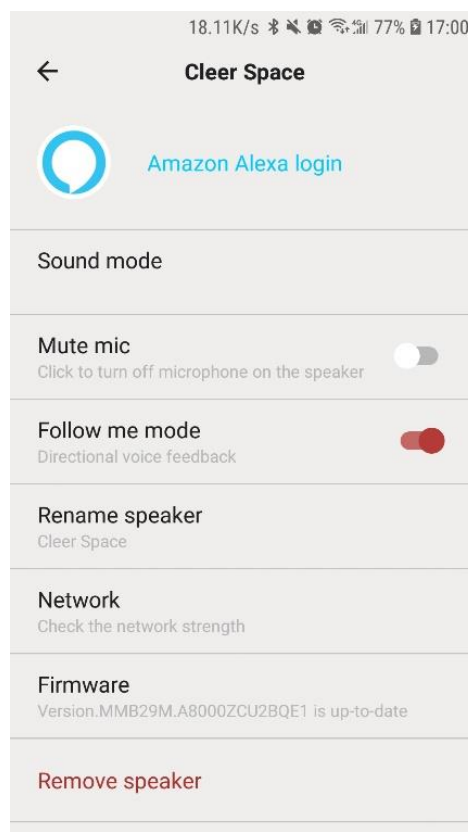
5-2. Item 2, user can select the sound mode.



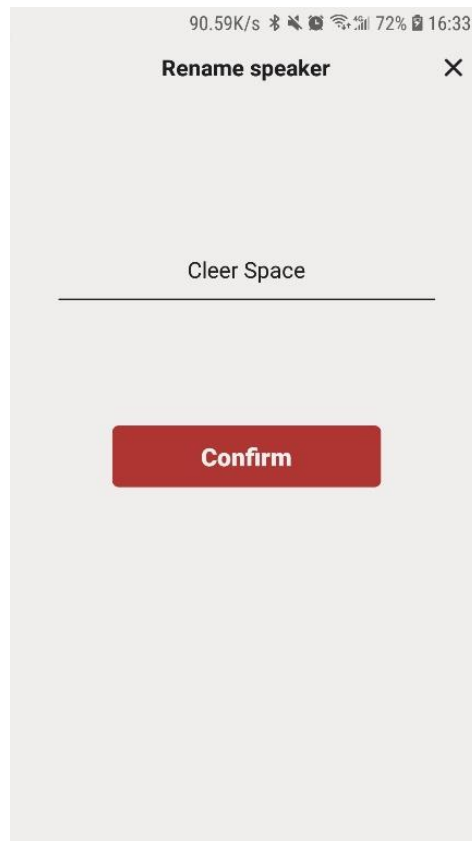
5-3. Item 3, to trigger or mute mic



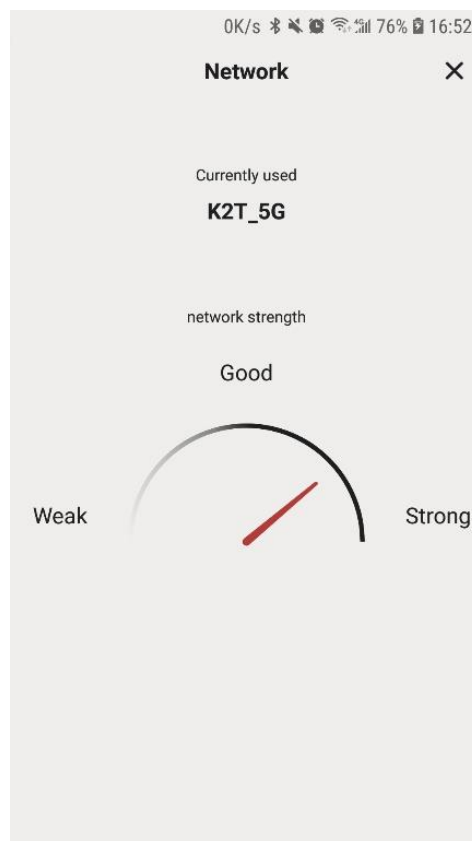
5-4. Item 4, open or close follow me mode



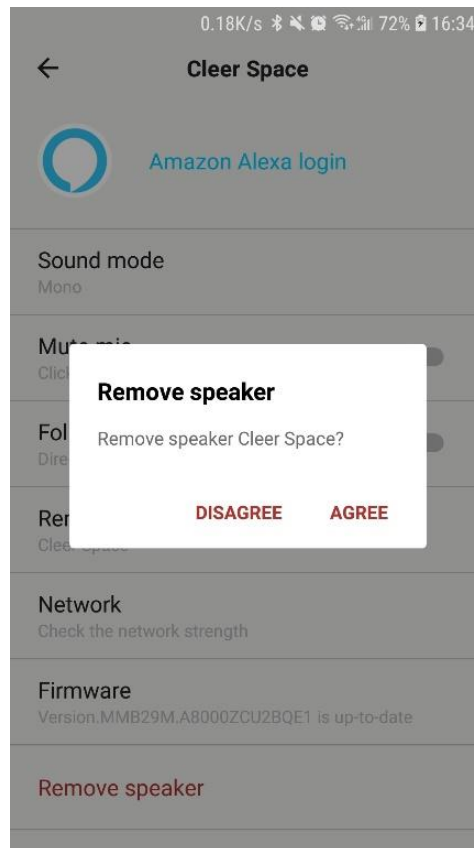
5-5. Item 5, rename the device.



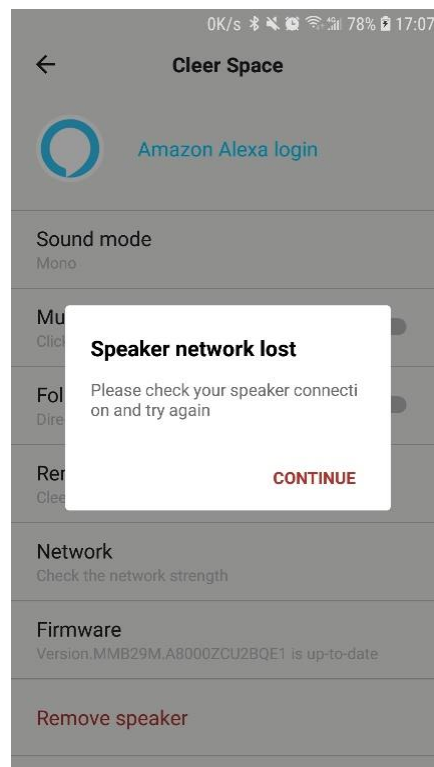
5-6. Item 6, check the network details



5-7. Item 7, agree or disagree to delete the device.

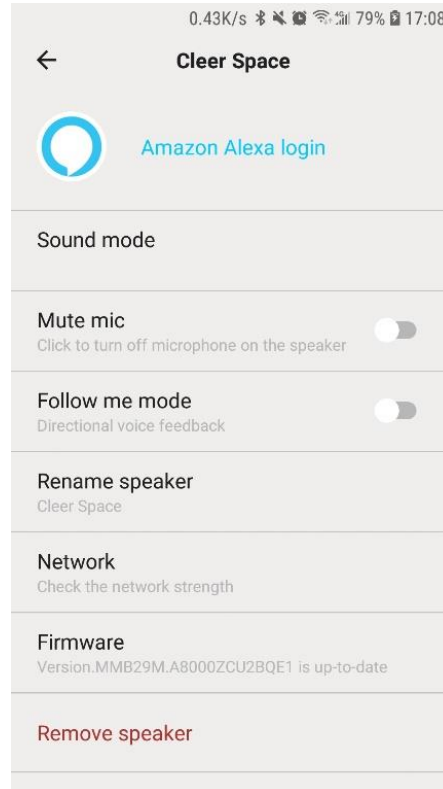


6. when the device is offline, it will pop up the offline dialog box, click "Continue" to go back to the home page.

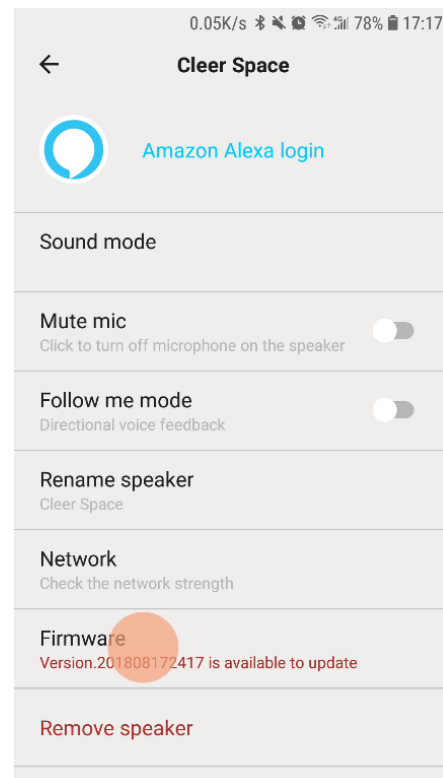


OTA upgrading elaboration

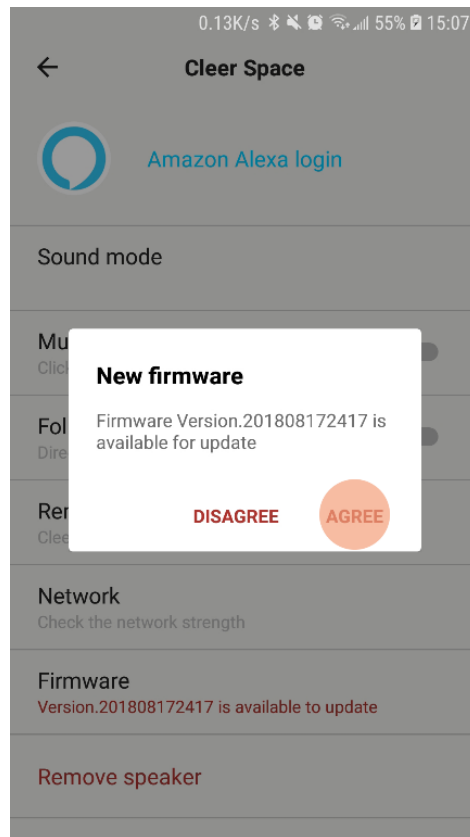
In the detail page of the app, user can check the firmware version, and if it is the latest version, it will be shown at the Firmware column;



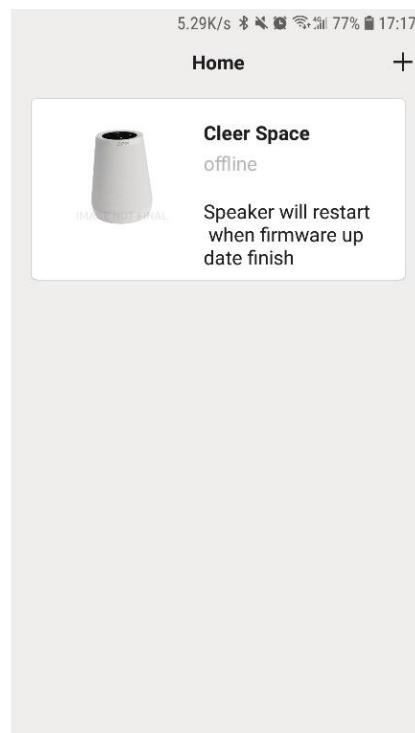
If there is an new version, there will be a prompt in red to show the firmware info.



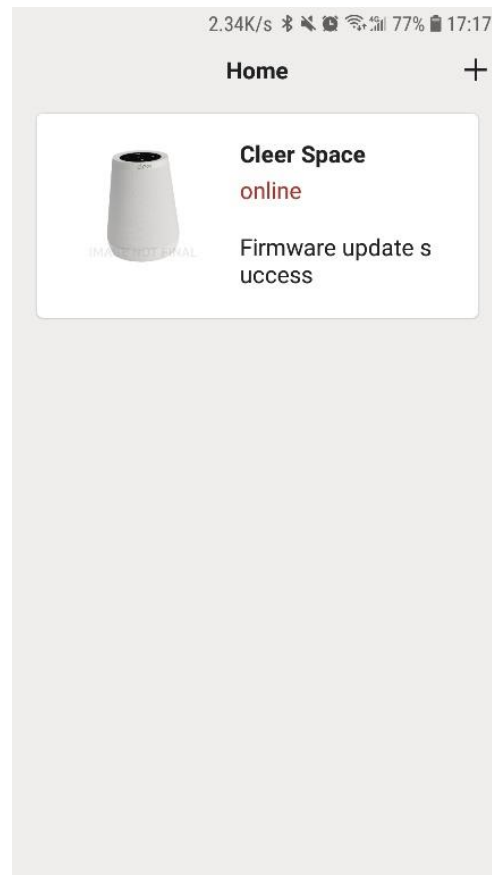
When there is an up-to-date firmware version, click the Firmware column and then “AGREE” to upgrade the device.



After upgrading complete, it will go to the home page with the prompt of the upgrading.



After OTA complete, it will have the info as below.



Audio mode operation elaboration

Touch panel

There are five function buttons on the Touch panel.



Volume button: “” & “” for volume adjustment, long tap or short tap, with LED indication.

Mute button: “”, for muting and initiating mic array; when muted, the mute button will be indicated in red lighting and the LED array will also be in red; when initiated, the LEDs are off.

Mode switch button: “”, short tap for audio modes switch; long tap for NETSET setup mode, with LED indication.

Play/pause button: “” for music play or pause.

WiFi speaker audio mode switch

After power on, the default connection mode of Cleer Wi-Fi Speaker is Wi-Fi mode, and there are three audio modes, that is:

360 mode: with voice prompt “three sixty mode”

Movie mode: with voice prompt “stereo mode”

Stereo mode: with voice prompt “movie mode”

User can short tap on the mode switch button to change the modes.

BT connection

Short press the physical button at the bottom of the device to enter Bluetooth pairing mode, and Bluetooth LED will flash together with voice prompt “looking for device”, and after paired successfully, the device will enter BT AD2P if user stream music with mobile phone

Line-in connection for streaming

Plug in the line-in cable, the device will switch to line-in mode automatically, with voice prompt “auxiliary mode”.

Please note that line-in is the least prioritized mode, so it will be closed if more prioritized connection is initiated, like Bluetooth, Wi-Fi or Alexa, etc. But it will be resumed if no more prioritized audio playback options.

NOTE: see Alexa functions in webpage, <https://alexa.amazon.com>

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.

Any 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.

During operation, the separation distance between user and the antenna shall be at least 20cm, this separation distance will ensure that there is sufficient distance from a properly installed externally-mounted antenna to satisfy the RF exposure requirements.