

# OWNER'S MANUAL

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## REMOTE CONTROL



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## RA1A-WIFI

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Thanks for choosing our product.  
Please, read carefully this manual  
before using the product.

**giatsu**  

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**GIA** GROUP

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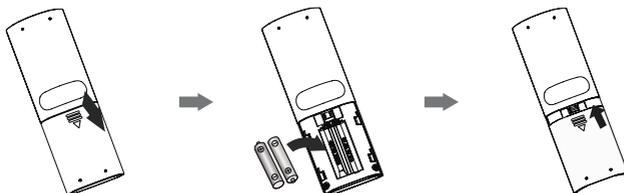


This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

# Operation guide

## Installation batteries

1. Press the back side of remote controller marked with "☰", as shown in the fig, and then push out the cover of battery box along the arrow direction.



2. Installation two 7# (AAA 1.5V) dry batteries, and make sure the position of "+" polar and "-" polar are correct.
3. Reinstall the cover of battery box.

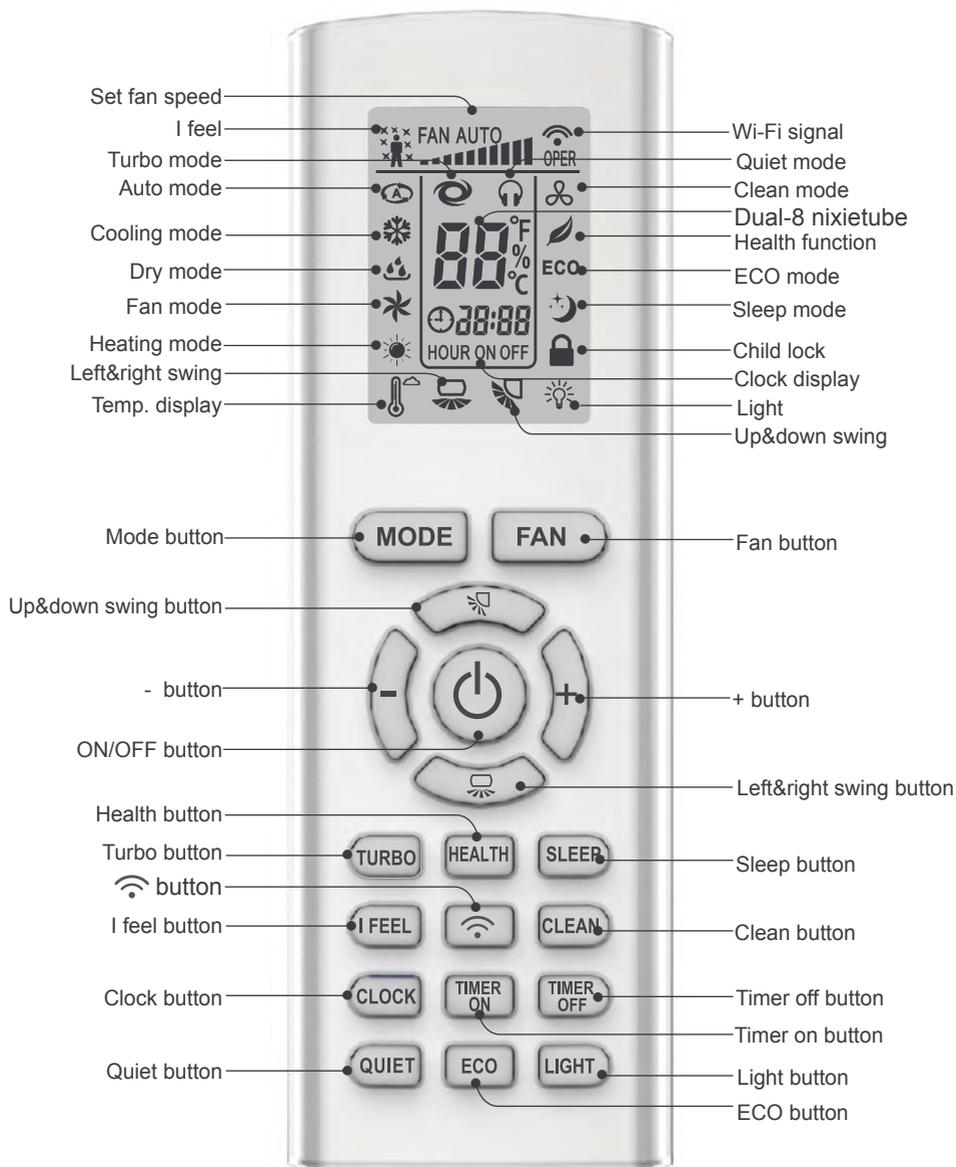
## Operation guide

1. After connecting the power, press "⏻" button on remote controller to turn on the air conditioner.
2. Press "MODE" button to select your required mode: Auto, Cool, Dry, Fan, Heat.
3. Press "+" or "-" button to set your required temperature. (Temperature can't be adjusted under auto mode).
4. Press "FAN" button to set your required fan speed: auto, fan1, fan2, fan3, fan4, fan5, stepless speed.
5. Press "🌀" or "🌀" button to select fan blowing angle.

### **NOTE:**

- During operation, point the remote control signal sender at the receiving window on indoor unit.
- The distance between signal sender and receiving window should be no more than 8m, and there should be no obstacles between them.
- Signal may be interfered easily in the room where there is fluorescent lamp or wireless telephone; remote controller should be close to indoor unit during operation.
- Replace new batteries of the same model when replacement is required.
- When you don't use remote controller for a long time, please take out the batteries.
- If the display on remote controller is fuzzy or there's no display, please replace batteries.

# Remote controller RA1A



# Buttons on remote controller

After connecting the power, the air conditioner will make a sound.

Power indicator is ON. After that, you can operate the air conditioner by using remote controller.

Under on status, pressing the button on the remote controller, the display will show the corresponding set function icons.

Under off status, light and clock icon will be displayed on the display of remote controller (If timer on, timer off and light functions are set, the corresponding icons will be displayed on the display of remote controller at the same time).

## ON/OFF button

Press this button can turn on or turn off the air conditioner.

## MODE button

Press this button to select your required operation mode.



- When selecting auto mode, air conditioner will operate automatically according to ex-factory setting. Set temperature can't be adjusted and will not be displayed as well. Press "FAN" button can adjust fan speed. Press "↙" or "↘" button can adjust fan blowing angle.
- After selecting cool mode, air conditioner will operate under cool mode. Press "+" or "-" button to adjust set temperature. Press "FAN" button to adjust fan speed. Press "↙" or "↘" button to adjust fan blowing angle.
- When selecting dry mode, the air conditioner operates at fan1, fan speed can't be adjusted. Press "↙" or "↘" button to adjust fan blowing angle.
- When selecting fan mode, the air conditioner will only blow fan, no cooling and no heating. Press "FAN" button to adjust fan speed. Press "↙" or "↘" button to adjust fan blowing angle.
- When selecting heat mode, the air conditioner operates under heat mode. Press "+" or "-" button to adjust set temperature. Press "FAN" button to adjust fan speed. Press "↙" or "↘" button to adjust fan blowing angle. (Cooling only unit won't receive heat mode signal. If setting heat mode with remote controller, press "ON/OFF" button can't start up the unit).

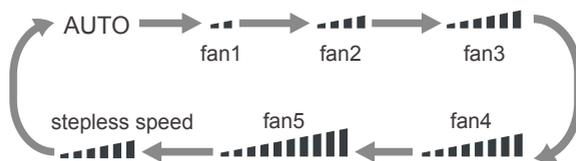
### *Note:*

- For preventing cold air, after starting up heating mode, indoor unit will delay 1~5 minutes to blow air (actual delay time is depend on indoor ambient temperature).
- Set temperature range from remote controller: 16~31°C;  
Fan speed: auto, fan1, fan2, fan3, fan4, fan5, stepless speed.

# Buttons on remote controller

## FAN button

Pressing this button can set fan speed circularly as: auto (AUTO), fan1 (  ), fan2 (  ), fan3 (  ), fan4 (  ), fan5 (  ), stepless speed.

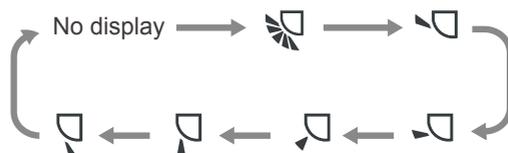


### *Note:*

- In AUTO speed, air conditioner will select proper fan speed automatically according to ambient temperature.
- Fan speed under dry mode is fan1.
- After entering the stepless speed mode, users can adjust the fan speed according to the button "+" or "-".

## button

- Press this button the up&down swing function can be started and canceled. The remote controller defaults to static swing condition.
- Press "MODE" button and "  " button at the same time when remote controller OFF to switch between simple swing and static swing.
- In static swing condition, pressing this button, the swing angle of up&down swing louver changes as below:



### *Note:*

- When selecting "  " with remote controller, it's auto swing. up&down swing louver of air conditioner will swing up&down automatically at the maximum angle.
- When selecting " , , , ,  " with remote controller, it's the fixed position swing. Up&down swing louver of air conditioner will stop at that position as shown by the icon to swing.

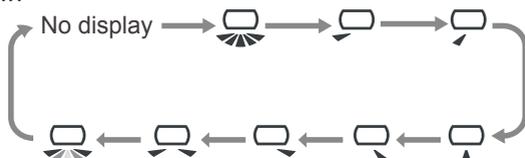
## button

- Press this button the left&right swing function can be started and canceled. The remote controller defaults to simple swing condition.
- Press "MODE" button and "  " button at the same time at remote controller OFF to switch between simple swing and static swing.
- In simple swing condition, pressing this button, the left&right swing control will cycle as below: off status, the same direction swing, off status, the opposite direction swing.



# Buttons on remote controller

- In static swing condition, pressing this button, the swing angle of left&right swing louver changes as below:



- When selecting "  " with remote controller, it's auto swing. left&right swing louver of air conditioner will swing left&right automatically at the maximum angle.
- When selecting " , , , , ,  " with remote controller, it's the fixed position swing. Left&right swing louver of air conditioner will stop at that position as shown by the icon to swing.
- When selecting "  ", it's the circulating swing. Left&right swing louver of air conditioner will swing circularly according to the angle as shown by the icon.

## *Note:*

There is no this function for the units. If press this button, the main unit will sound, but it also runs under original status.

## **+ and - button**

Press "+" or "-" button once to increase or decrease 1°C of set temperature. Holding "+" or "-" button, set temperature on remote controller will change quickly. On releasing button after setting is finished, temperature indicator on indoor unit will change accordingly. (Temperature can't be adjusted under auto mode)

- When setting TIMER ON, TIMER OFF or CLOCK, press "+" or "-" button to adjust time (Refer to CLOCK, TIMER ON, TIMER OFF buttons).

## **TURBO button**

Press this button to turn on or turn off the TURBO function in cool,heat,fan mode.

### *Note:*

- Press "QUIET" or "FAN" button the unit will quit this function.
- This function is no use in auto mode or dry mode.

## **HEALTH button**

Press this button to turn on or turn off the health function.

Note: This function is not available for some models.

## **SLEEP button**

Press this button to turn on or turn off the SLEEP function under cool,heat ,dry mode.

### *Note:*

- This function is off as defaulted after power on.
- It will be cleared after changing mode.
- It is no use under "FAN" mode and "AUTO" mode.

# Buttons on remote controller

## I FEEL button

Press this button to start I FEEL function and "🌡️" will be displayed on the remote controller. After this function is set, the remote controller will send the detected ambient temperature to the indoor unit and the unit will automatically adjust the indoor temperature according to the detected temperature. Press this button again to close I FEEL function and "🌡️" will disappear.

### *Note:*

Please put the remote controller near user and confirm the unit can receive the remote code when this function is set. Do not put the remote controller near the object of high temperature or low temperature in order to avoid detecting inaccurate ambient temperature.

## CLEAN button

- Press this button to start or cancel clean function.
- It is unable to set clean function when the unit is on; if the air conditioner runs in cool or dry mode before turning off, press "CLEAN" button and show "🌀" then the clean function is on; press "CLEAN" button again, "🌀" disappeared, then the clean function is off, or running 10 mins in clean function then turn off automatically.
- In the first power on, the clean function is off acquiescently.
- The clean function can not be set and displayed when the air conditioner is in auto, fan and heat mode before turn off.

## CLOCK button

Press this button to set clock time. "🕒" and "⌚" icon on remote controller will blink. Press "+" or "-" button within 5s to set clock time. Each pressing of "+" or "-" button, clock time will increase or decrease 1 hour. Press this button again, "🕒" and "⌚" icon on remote controller will blink. Press "+" or "-" button within 5s to set clock time. Press this button another time, "🕒" and "⌚" icon on remote controller will blink. Press "+" or "-" button within 5s to set clock time. If hold "+" or "-" button, clock time will change quickly. Release when reaching your required time. Press "CLOCK" button to confirm the time, "🕒" icon stops blinking.

### *Note:*

- Clock time adopts 24-hour mode.
- The interval between two operation can't exceeds 5s. Otherwise, remote controller will quit setting status. Operation for TIMER ON/TIMER OFF is the same.

## TIMER ON button

This button can set the time for timer on. After pressing this button, "🕒" icon disappears, "ON" and "⌚" icon on remote controller blinks. Press "+" or "-" button within 5s to set "TIMER ON" time. Each pressing of "+" or "-" button, the time will increase or decrease 1hour.

# Buttons on remote controller

Press this button again, "ON" and "  " icon on remote controller will blink. Press "+" or "-" button within 5s to set the time. Press this button another time, "ON" and "  " icon on remote controller will blink. Press "+" or "-" button within 5s to set the time. Hold "+" or "-" button, the time will change quickly until reaching your required time. Press "TIMER ON" to confirm it. The word "ON" will stop blinking. "  " icon resumes displaying.

## Cancel TIMER ON

Under the condition that TIMER ON is started up, press "TIMER ON" button to cancel it.

## TIMER OFF button

This button can set the time for timer off. After pressing this button, "  " icon disappears, "OFF" and "  " icon on remote controller blink. Press "+" or "-" button within 5s to set "TIMER OFF" time. Each pressing of "+" or "-" button, the time will increase or decrease 1 hour. Press this button again, "OFF" and "  " icon on remote controller will blink. Press "+" or "-" button within 5s to set the time. Press this button another time, "OFF" and "  " icon on remote controller will blink. Press "+" or "-" button within 5s to set the time. Hold "+" or "-" button, the time will change quickly until reaching your required time. Press "TIMER OFF" to confirm it. The word "OFF" will stop blinking. "  " icon resumes displaying.

## Cancel TIMER OFF

Under the condition that TIMER OFF is started up, press "TIMER OFF" button to cancel it.

## QUIET button

Press this button to turn on or turn off the QUIET function in cool, heat, auto mode.

### *Note:*

- Press "TURBO" or "FAN" button the unit will quit this function.
- This function is no use in fan mode or dry mode.

## ECO button

In cool mode, press "ECO" button and the unit will operate under ECO mode.

### *Note:*

- Remote controller displays " **ECO** ".
- Air conditioner will operate at auto speed. Set temperature can't be adjusted.
- Under cool mode, sleep function can not work with ECO mode together at the same time.
- Change mode will exit the ECO mode.

## LIGHT button

Press this button can turn off the light for indoor unit's display. "  " icon on remote controller will disappear. Press this button again to turn on the light for indoor unit's display. "  " icon on remote controller will be displayed.

When the light is on, display board displays environment temp. for 3 seconds and then display the setting temp.

# Buttons on remote controller

## **button**

Press this button to turn on or turn off the SMART function, for more details, please see next page for Smart APP User Guide.

## *Function introduction for combination buttons*

### **Child lock function**

Press "+" and "-" simultaneously to turn on or turn off child lock function. When child lock function is on, "  " icon is displayed on remote controller. If you operate the remote controller, the "  " icon will blink three times without sending signal to the unit.

### **Temperature display switchover function**

In the off mode, press "-" and "MODE" buttons simultaneously to switch temperature display between °C and °F.

### **Timing defrost**

In the heating mode, press "SLEEP" and "TURBO" buttons together for 3s would start or cancel the Timing defrost.

### **Low temperature heating function setting**

- In heating mode, pressing "Mode" and "+" button at the same time will enter/exit the low temperature heating function.
- "LA" would be showed on the remote controller after entered into the low temperature heating function.
- When switching from one mode to another mode, low temperature heating function was canceled. Turn off and then turn on air conditioner that will remain the low temperature heating function. After powered on, the low temperature heating mode was default to off status.
- In the low temperature heating mode, "SLEEP" and "Low temperature heating" function cannot start at the same time. When low temperature heating mode has already started, meanwhile you press the "SLEEP" button, the air conditioner will exit low temperature heating mode and enter the sleep mode. Vice versa.

#### *Note:*

1. In the low temperature heating mode, the fan speed was default to Auto and non-adjustable.
2. In the low temperature heating mode, "TURBO" and "QUIET" can't be set. If enter the low temperature heating mode, the turbo and quiet function that started before will be canceled. As well as when exit the low temperature heating mode, it will not resume .
3. When exit from the low temperature heating mode, the speed and temperature will turn into the original condition before it started.
4. You can set up other function.

# Smart APP User Guide

## 1. Download the Easy Home AMS Application(Referrer to as APP hereinafter)

Search "Easy Home AMS" to download Android version APP from Google Play and search "Easy Home AMS" to download IOS version APP from App Store.

## 2. Production Introduction

Easy Home air conditioner is functioning based on the built-in smart module SWM100 through the Wi-Fi network, that the mobile phones or other mobile devices can be connected to the Easy Home air conditioner to monitor and control the air conditioning status after installing the Easy Home AMS APP.

## 3. Parameter of Smart Module SWM100

Model	SWM100
Transmitting Frequency	2.4G
Transmitting Power	≤18dBm
Power Supply	12V DC / 0.5A
Operating Temperature	-10℃ ~70℃
Operating humidity	10%-90%RH

## 4. Precautions for Use

4.1 Please ensure both air conditioner and mobile phone connect to the same Wi-Fi hot pot when configure.

4.2 Air conditioners can only be controlled by APP when connecting to the same router as mobile phone.

4.3 Supported Devices:

### Android phone/tablet:

(Requires Android 4.4 or later version.)

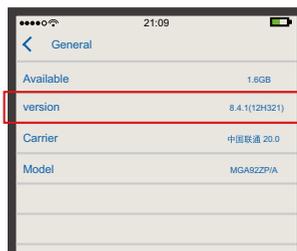
Turn on your phone → Settings → About device → Check the Android version;

### iOS (iPhone/iPad/iPod Touch):

(Requires iOS 7.0 or later version.)

Turn on your iPhone → Settings → General → About → Check the current version;

4.4 This APP support wireless router with WPA/WPA2 connected encryption or no password. 5G wireless router is temporarily not supported.



# Smart APP User Guide

## 5. Add Air Conditioner

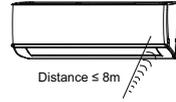
5.1 Please find the operating steps and method about download APP in Chapter 1 for detail.

5.2 Add Air Conditioner.

5.3 Complete the following steps to register for Android system:

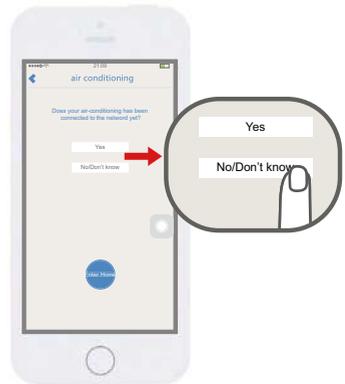
### Smart Module configuration:

- Connect the mobile phone with wireless router, turn on the power of the air conditioner, press "Wi-Fi" button of the remote controller to start the Wi-Fi configuration.



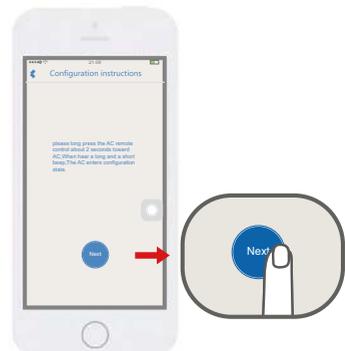
- Press "add Air Conditioner" in the APP, chose "No/ Don't know" if it is the first start.

- Please follow the instruction in Chapter 6, point 1 To add air conditioner, if it has been connected to Wi-Fi hotspot.



- Follow the interface instruction, long press the "Wi-Fi" button of the remote controller for 2 seconds, the air conditioner will enter configuration mode if the following three phenomena appear at the same time:

- ◆ After long beep sound from air conditioner, and there will be another short beep sound.
- ◆ Air conditioner will display "A2" for 3 seconds.
- ◆ The Wi-Fi indication light will blink once every second on air conditioner panel.



# Smart APP User Guide

- Waiting for APP automatically search for configure the Air conditioner.

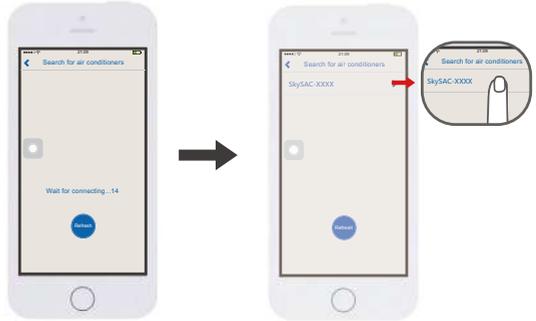
Click to choose air conditioner on the list.

Notice:

Air conditioner hotspot name and password can be find at the left corner of the indoor unit.

**Hot spot Name: SkySAC \_XXXX**

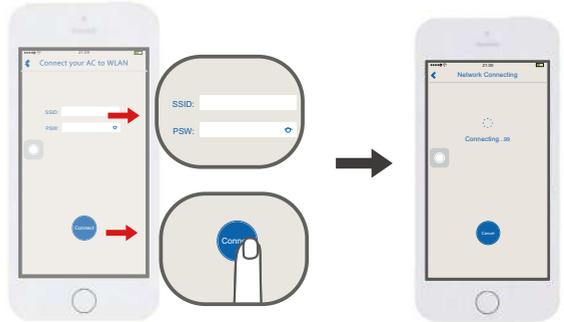
**Hot spot Password: 88888888**



- Choose the Wi-Fi network , type in the password and press **"connect"** to connect.

Two beep sound from air conditioner indicates the connection is successful.

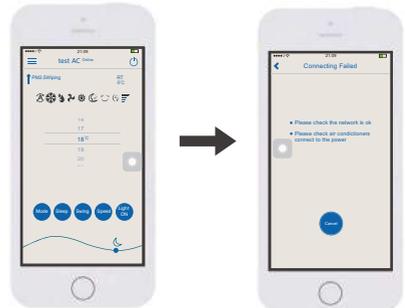
Air conditioner panel will display **"A3"** for 3 seconds, the APP will enter operation interface at the same time.



- The APP will remind after the connection failure.Please check the APP failure by the instruction.

Notice:

- ◆ Support WPA/WPA2 wireless router connected encryption.
- ◆ 5G wireless router is not supported.
- ◆ The password should limit in 8-32 characters or without password.

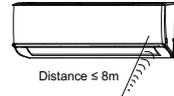


# Smart APP User Guide

5.4 Complete the following steps to register for iOS system:

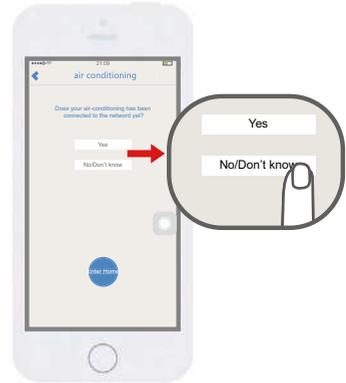
- Smart Module configuration:

Connect the mobile phone with wireless router, turn on the power of the air conditioner, press "Wi-Fi" button of the remote controller to start the Wi-Fi configuration.



- Press "add Air Conditioner" in the APP, chose "No/ Don't know" if it is the first start.

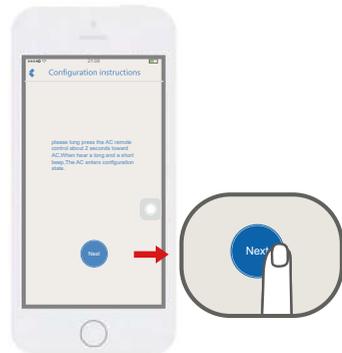
- Please follow the instruction in Chapter 6, point 1 To add air conditioner, if it has been connected to Wi-Fi hotspot.



- Follow the interface instruction, long press the "Wi-Fi" button of the remote controller for 2 seconds, Then after long beep and short beep, hotspot SkySAC\_XXXX will appear for configuration from air conditioner.

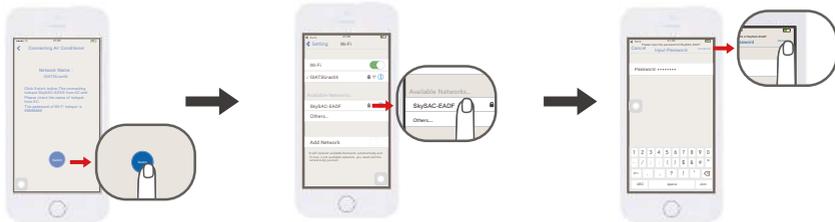
The last 4 digits of hotspot name from 0-9 number and A-F English letters composition ,the air conditioner will enter configuration status.

The air conditioner will enter configuration mode if the following three phenomena appear at the same time:



# Smart APP User Guide

- Change the button to switch.
- Choose network name SkySAC\_XXXX ,Enter the Password: 88888888
- Join the network.



- Press the back return to APP.
- Press "Next Step".



- Choose the network and type in the password.



- Click to change network.
- Press "Back " return to Easy Home AMS APP
- Waiting for the configuration to success.
- After connect successful,it will enter the main interface.

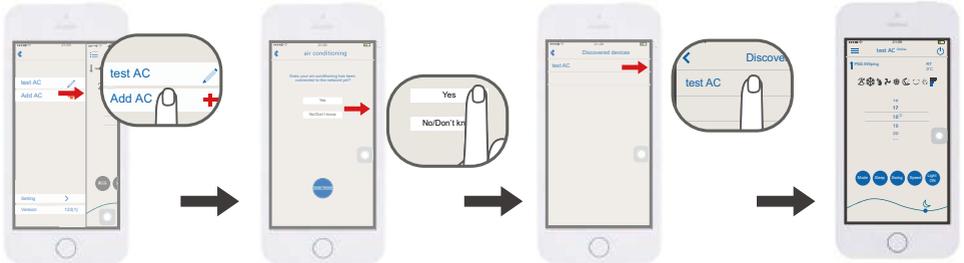


**Notice:** This user guide with aim of GIATSU\_ac04 as the AC connecting network. When user operating the AC at home, please replace the GIATSU\_ac04 to actual Wi-Fi Name from your house.

# Smart APP User Guide

## 6. Search the air conditioner in Wireless Local Area Network (WLAN)

If the air conditioner has already connected to the WLAN, a new mobile phone users that connected with same WLAN can search the air conditioner through the APP. Enter the APP and select **"Add AC"** from the menu, and enter the page as shown in figure. Click **"Yes"**, the APP will automatically search for the air-conditioner under same WLAN. If the air conditioner is successfully located, it will automatically enter the control interface.



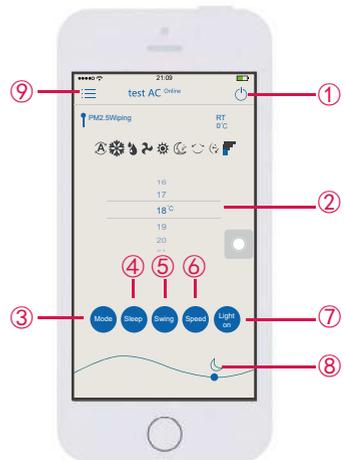
### Notice:

If the AC is controlled only within the WLAN (without connected to Internet), up to two mobile devices can be supported at the same time. If the AC controlled through the WLAN with Internet or 3G/4G cellular network, it does not limit the numbers of mobile devices.

## 7. Operation Notice

### 7.1 Main Control Interface

- ① **Power button**  
Turn on/off the air conditioner.
- ② **Temperature zone**  
Slide up and down to set temperature .
- ③ **Mode button**  
Press to set the mode such as Cooling, Auto or Heating.
- ④ **Swing button**  
Press to switch the swing status.
- ⑤ **Fan speed button**  
Press to switch the fan speed.
- ⑥ **Sleep button**  
Press to enter the sleep mode.
- ⑦ **Light ON/OFF**  
Click to switch the Light state.
- ⑧ **The moon icon on the right side shows the evening, when it move to left side will show sun icon for the day.**
- ⑨ **Menu button**  
Press to display other added AC list and add new AC.



# Smart APP User Guide

## 7.2 Menu Content

### ① Add Air Conditioner

See Chapter 5 "add Air Conditioner".

### ② Modify the name

Click the icon to rename for Air Conditioner.

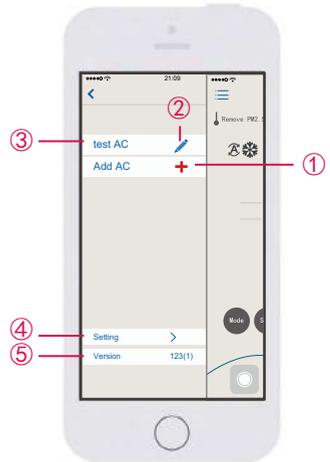
### ③ Long press added AC to delete on Android APP. Slide left for delete on iOS APP to delete Air Conditioner.

### ④ Setting

You can set the Air Conditioner auxiliary function, upgrade the Smart module APP and so on.

### ⑤ Latest Version

Current APP version information



## 8. Problems and Solutions

### 8.1 Requirement for use

- Wireless Router for Wi-Fi function
- Android 4.4 or later version or iOS7.0 or later version iPhone.

**Notice:** Please connect the router to the Internet when it required.

### 8.2 Diagram of communication

The path of communication between mobile phone and air conditioner:

- When the mobile phone and smart air conditioner connected to the same wireless router, the connection is as shown in Figure 8.1 to achieve the connection.
- When the mobile phone and air conditioner connected to the same wireless router, it is as shown in Figure 8.1 to achieve the connection.

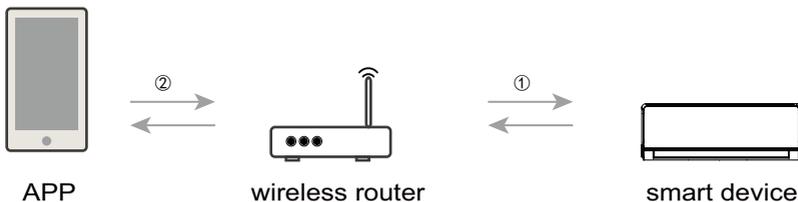


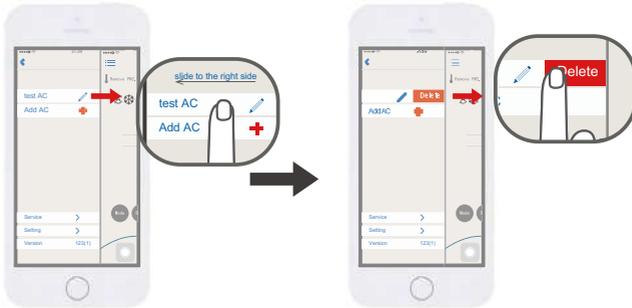
Figure 8.1

# Smart APP User Guide

## 8.3 How to add air conditioner on APP

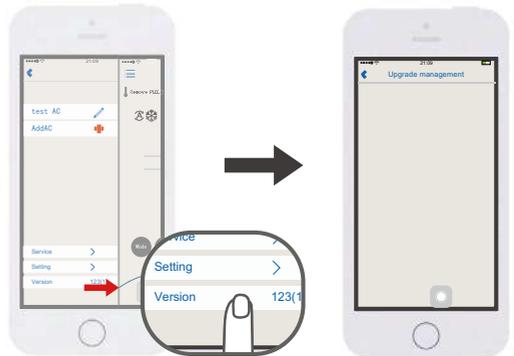
Please find the operating steps and method about add air conditioner in Chapter 5 or 6 for detail.

## 8.4 How to delete the air conditioner on APP



## 8.5 APP software upgrading method

Press current version in menu, enter the version update and description page, and choose to upgrade the APP according to the content page.



8.6 Air Conditioner Wi-Fi indication light quick blinking (Blink once every 1 second) .  
The Wi-Fi module is being configured, see point 5 for more details.

8.7 Air Conditioner Wi-Fi indication light slow blinking (Blink once every 10 second)  
When the Wi-Fi indication light blinking once every 10 second, the communication connect ① or ② in Figure 8.1 is failure.

Please check whether the router and network are normal and the password is correct. It is recommended that you use a mobile phone to connect the router, to determine whether it can be connected to the Internet. Please add air conditioner again if the router is normal.

If you confirm the connection of router's SSID & password are correct, the air conditioner and mobile phone are all proper functioning, please re-start the air conditioner after power cut, re-start the router, re-start APP from the phone to try to connect again.

# Smart APP User Guide

## 8.8 Air conditioning has been keeping failed

A: Does not support 5G router, support WPA/WPA2 wireless router connected encryption only.

B: Too much connection, please restart the router.

## 8.9 Air conditioner is offline

Please check whether the air conditioner is connected to the power supply, the router network is normal. If the network signal is normal, may need to wait for a period of time.

## 8.10 APP abnormally quit

Please verify that the iPhone system version is iOS7.0 or later and Android phone system version is 4.4 or later.

If the version meets the requirements, but the problem still happens, please contact us for further assistance.

## 8.11 Meaning of the Wi-Fi indication light

### **When the indication light on:**

- ① Turn on the Wi-Fi function, Wi-Fi indication light will be on, turn off the Wi-Fi function, Wi-Fi indication light gets off.
- ② When enter quick configuration function, Wi-Fi indication light blinks (3s to 0.1s), after succeed, the Wi-Fi indication light stop blinking, Wi-Fi indication lights will be all on.
- ③ When Wi-Fi module and the Internet is disconnected, Wi-Fi indication lights will blink once every 10s (bright 10s off 0.1s).

### **When the indication light is turned off:**

Wi-Fi light gets off, the Wi-Fi function can still be controlled.

## 8.12 What is the applicable range for GIATSU Air Conditioner Wi-Fi module?

This module is only applicable to GIATSU Air conditioner.

## 8.13 Disconnected frequently Please check if there are more than 2 sets of mobile devices connected via the same

Wi-Fi router to control the air conditioner.

Please check whether the network environment is complicate and network connection quality is good.

If the network environment is complicated, the network communication speed is very slow, it is easy to occur the delay or unable operation.

## 9. Problem Feedback

Please connect with us if any problem happen during using the air conditioner and the APP. Your constructive comments can help us to improve our products and service.



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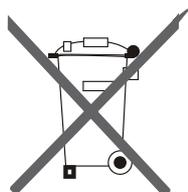
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**IMPORTANT INFORMATION FOR CORRECT DISPOSAL OF THE PRODUCT  
IN ACCORDANCE WITH EC DIRECTIVE 2002/96/EC.**

At the end of its working life, the product must not be disposed of as urban waste. It must be taken to a special local authority differentiated waste collection centre or to a dealer providing this service.

Disposing of a household appliance separately avoids possible negative consequences for the environment and health deriving from inappropriate disposal and enables the constituent materials to be recovered to obtain significant savings in energy and resources. As a reminder of the need to dispose of household appliances separately, the product is marked with a crossed-out wheeled dustbin.