# QD68AI  AI&WIFI A/C  UNIVERSAL CONTROL SYSTEM

## 1. Preface

Dear users:
Thanks for choosing our latest new product QD68AI AI&WIFI A/C universal control system. It perfectly combines smart voice identificaiton, voice broadcast, wifi remote control and IR remote control. It is our best wish to bring your life more convenience. Please read the manual carefully before using it. which will assist you getting the most from this control system.

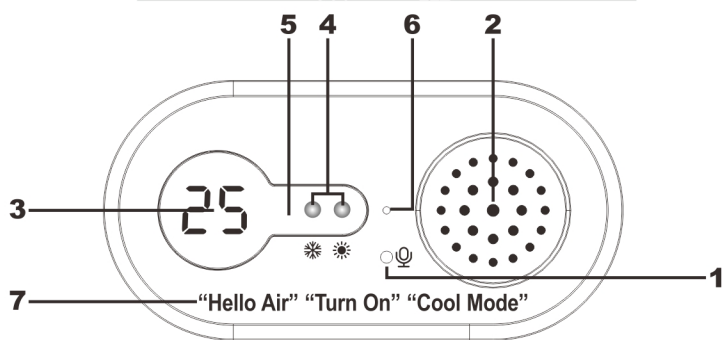## 2. Product Function Overview

### 2.1 Application scope

Suitable for cabinet air conditioner, split unit, ceiling & floor unit and ceiling cassette.
For the control of complicated refrigeration system.
For the control of refrigeration house and the greenhouse.

### 2.2 Features

▶ Off-line voice control.
▶ Quick voice answer.
▶ Wifi router connection.
▶ Smart life APP to remote control.
▶ Strong switch power, AC100-240V 50/60HZ.
▶ Universal for both PG and TAP motor.
▶ Outdoor fan is controlled independtly.
▶ Prevent cold wind on heating mode.
▶ Pipe over temperature protection.
▶ Failure diagnosis.
▶ Timer on/off, sleep function.
▶ Optional starting capacitor.
▶ Quick PG plug.
▶ Auxiliary heating function.
▶ Optional memory function.

## 3. Diagram and description



"Hello Air" "Turn On" "Cool Mode"

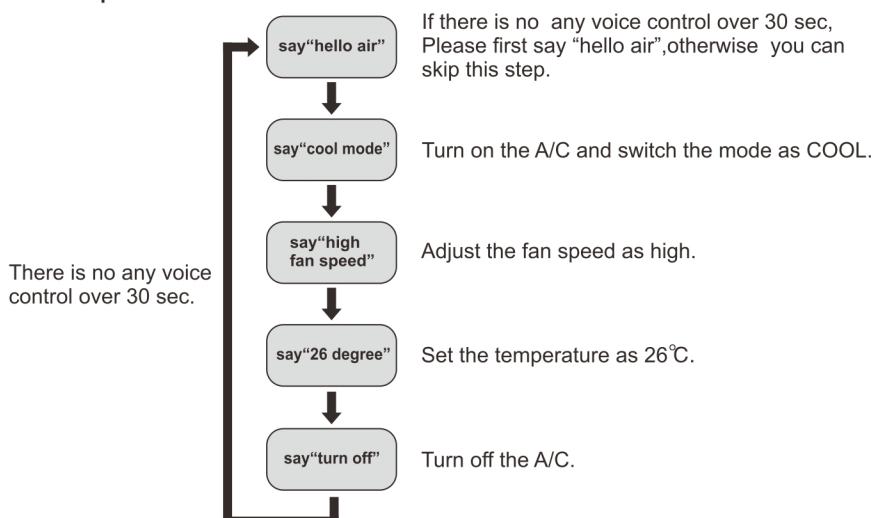| | Description |
|---|---|
| 1 | **MIC:** to receive the voice command. |
| 2 | **Loudspeaker:** to answer the command. |
| 3 | **Power off:** All the lights are off.<br>**Auto mode:** Temperature area indicates AU<br>**Cool mode:** Temperature area indicates setting and room temperature. When using remote control to set the air conditioner, it will indicate the setting temperature for 5 seconds, then changed to room temperature.<br>**Dry mode:** Temperature area indicates dr<br>**Fan mode:** Temperature area indicates FA<br>**Heat mode:** Temperature area indicates setting and room temperature. When using remote control to set the air conditioner, it will indicate the setting temperature for 5 seconds, then changed to room temperature. When defrosting, temperature area indicates dF, to point that the air conditioner is defrosting.<br>**Sleep mode:** When the air conditioner is set on sleep mode, the display luminance will be turned down to help user sleep well, the setting temperature will be adjusted automatically, until turned off after 8 hours.<br>**Timer on:** "ON" is indicated, it points that air conditioner set as timer on.<br>**Timer off:** Temperature area displays the current mode or temperature, and it flashes. it means air-conditioner in OFF-MODE. |
| 4 | **Cool mode:** green light on.<br>**Heat mode:** red light on. |
| 5 | **IR:** To receive the orders from Midea & Gree remote control, also the orders from our equipped remote control. |
| 6 | **Emergency key:**<br>Without the remote control, press the key to start the air conditioner.<br>The air conditioner works under cooling mode, setting temperature 26 ℃,fan speed auto. Press again, the air conditioner works under heating mode, setting temperature 20 ℃,fan speed auto. Press again to turn off the unit. All are the loop operations.<br><br>**Auto restart function:**<br>You can choose to use auto restart function or not based on your own environment.<br>● Step 1: When the system is off, press and hold the emergency key for 5 seconds and temperature area indicates P1 symbol.<br>● Step2: Repress the emergency key to choose using auto restart function or not. At the meantime temperature area will indicates 00 or 01.<br>00 : means auto restart function is unused (the default setting is 00 )<br>01 : means auto restart function is used.<br>● Step3: No need to confirm the setting, the system will save and return the off state after 10 seconds. |
| 7 | Three sentences of the voice commands . |

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## 4. Voice control steps

### 4.1 All the voice commands for the voice control

| Function | voice commands |
|---|---|
| wake up A/C | hello air |
| power | turn on,turn off |
| mode | auto mode, cool mode, heat mode, dry mode,fan mode |
| fan | auto fan speed, low fan speed, medium fan speed, high fan speed |
| set temperature | sixteen centigrade to thirty centigrade, temperature up, temperature down |
| swing | swing up,swing down |
| sleep | sleep on,sleep off |
| timer set | one hour off to eight hours off,cancle the timer |

### 4.2 Example for the voice control

There is no any voice control over 30 sec.

**say"hello air"** — If there is no any voice control over 30 sec, Please first say "hello air",otherwise you can skip this step.

**say"cool mode"** — Turn on the A/C and switch the mode as COOL.

**say"high fan speed"** — Adjust the fan speed as high.

**say"26 degree"** — Set the temperature as 26℃.

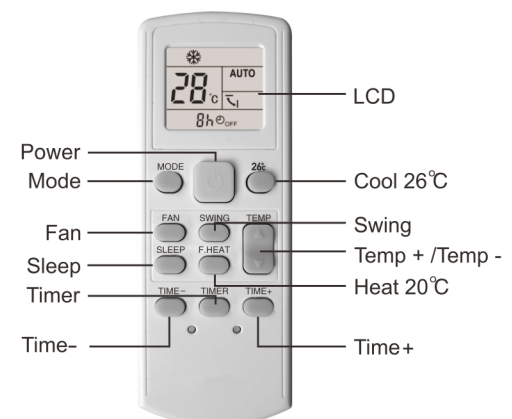**say"turn off"** — Turn off the A/C.

★ If there is no any voice command over 30 sec, please say "Hello Air" again to wake up the air conditioner first, then to send the new voice command.

## 5.Wifi control steps

About the detail steps of WiFi remote controlling A/C, please refer to the manual of QD01WF.

## 6. Remote control function



Power
Mode
Fan
Sleep
Timer
Time–

LCD
Cool 26℃
Swing
Temp + /Temp -
Heat 20℃
Time+

★ QD68AI system can be able to receive the orders from Midea & Gree remote control, also the orders from our equipped remote control.

## 7. Parts List

| Packing box | 1 |
|---|---|
| PCB board | 1 |
| Display panel | 1 |
| QD01WF module | 1 |
| Remote control | 1 |
| Sensor | 2 |
| Conncctor | 1 |
| Manual | 2 |
| Indoor fan cable | 1 |
| Start capacitor, 1.2uf | 1 |