








No.	Button name	Function
1	ON/OFF	Turn on or turn off the unit
2	TURBO	Set turbo function
3	MODE	Set operation mode
4		Set up&down swing status
5	I FEEL	Set I FEEL function
6	TEMP	Switch temperature displaying type on the unit's display
7		Set health function and air function
8	LIGHT	Set light function
9	X-FAN	Set X-FAN function
10	SLEEP	Set sleep function
11	CLOCK	Set clock of the system
12	TOFF	Set timer off function
13	TON	Set timer on function
14		Set left&right swing status
15	FAN	Set fan speed
16	△/▽	Set temperature and time

3.2 Remote controller YV1L1

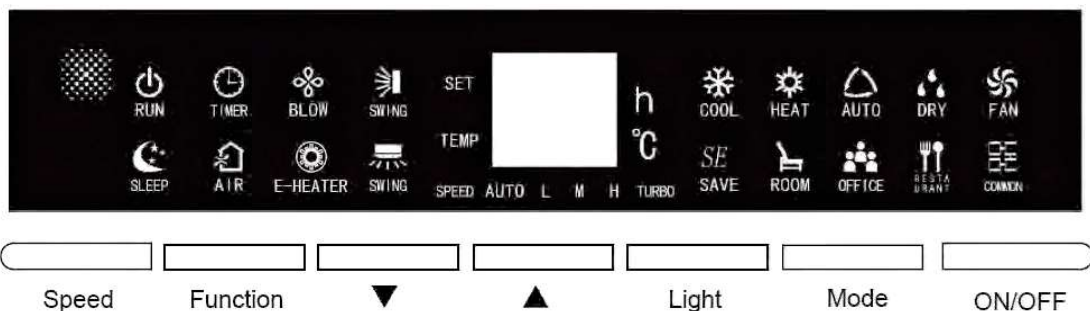


No.	Button name	Function
1	ON/OFF	Turn on or turn off the unit
2	FAN	Set fan speed
3	▲/▼	Set temperature and time
4	MODE	Set operation mode

5		Set quiet function
6		Set health function and air function
7		Set left&right swing status
8		Set up&down swing status
9	X-FAN	Set X-FAN function
10	TIMER ON	Set timer on function
11	TIMER OFF	Set timer off function
12	SAVE	Set energy-saving function
13	SLEEP	Set sleep function
14	LIGHT	Set light function
15	CLOCK	Set clock of the system
16	I FEEL	Set I FEEL function
17	TEMP	Switch temperature displaying type on the unit's display

4 Panel Display

4.1 Control Panel



Notes:

“AIR” function is an optional function of indoor unit, for the unit without such function, this function is invalid; “E-HEATER”, “ROOM”, “OFFICE”, “RESTAURANT”, “COMMON” are obligate functions of indoor unit that cannot be set.

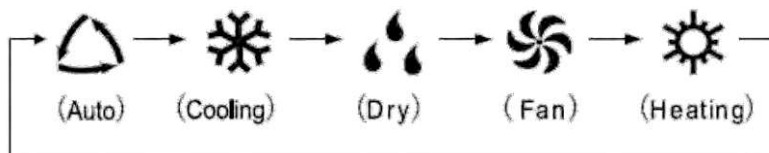
4.2 Operational Instruction

4.2.1 Start up and close down the unit

Press “ON/OFF” button to start up the unit. Press “ON/OFF” button to close down the unit.

4.2.2 Mode Setting

Under power-on status, each time press “Mode” button, the mode will be switched according to the following order circularly:



Notes:

- ◆ Only the master indoor unit can set auto mode;
- ◆ Under auto mode, if the indoor unit is in auto cooling, the “△” and “❄” icons are on; if the indoor unit is in auto heating, the “△” and “☀” icons are on.

4.2.3 Setting of Light ON/OFF Function

(1) Light ON/OFF Function: can set the ON and OFF of light for display panel.

(2) Under power-on or power-off status, press “Light” button to turn on and turn off the light of display

panel.

- (3) When the light of display panel is turned off, press the other buttons other than “Light” button, the light on display panel will be turned off after 5 seconds.

4.2.4 Temperature Setting

Press “▼” or “▲” buttons under power-on status, the set temperature will be increased or decreased at 1°C each time; when long press the buttons, the temperature will be increased or decreased at 1°C every 0.3 seconds. The temperature setting range is: 16°C~30°C.




Notes:

Under auto mode, the temperature cannot be set through pressing “▼” or “▲” buttons.




4.2.5 Function Setting

Press “Function” button under power-on or power-off status, it can enter into function setting status. Under function setting status, press “ON/OFF” button or without pressing any buttons for consecutive 5 seconds, it will quit the function setting status.

(1) Up and down swing function settings




Press “Function” button under power-on status to switch to up and down swing function, when  icon flickers, press “▲” or “▼” button to start up or cancel the up and down swing function. If  is on it means the function has been started up; if  icon is off it means the function has been canceled.

(2) Left and right swing function settings

Press “Function” button under power-on status to switch to left and right swing function, when  flickers, press “▲” or “▼” button to start up or cancel the left and right swing function. If  icon is on it means the function has been started up; if  icon is off it means the function has been canceled.



(3) Settings of X-fan


X-fan function: after closing down the unit under cooling and dry mode, the air conditioner will automatically dry the water of evaporator of indoor unit to prevent breeding of bacteria and mildew.


Turn on or cancel X-fan function: with the unit is started up, under cooling or dry mode, press “Function” button to switch to X-fan function, when  flickers, press “▲” or “▼” buttons to start or cancel X-fan function. If  icon is on it means the X-fan function has been started up, if  icon is off it means the X-fan function has been canceled.

(4) Settings of Timer Function

Timer Function: under power-on status, the count down of power-off time can be set. Under power-off status, the count down of power-on time can be set.

Timer setting: press “function” button to switch to timer function, when  icon flickers, press “▲” or “▼” button to adjust the setting time. After setting the time, press “ON/OFF” button or without pressing any buttons for consecutive 5 seconds, the setting time is confirmed and quit the function setting status. After quitting the function setting status, the  icon is on, it means the timer function has been turned on.



Cancel timer: press “Function” button to switch to timer function, when  icon flickers, press “▲” or “▼” button to set the time to be “00”, then the timer function is canceled; press “ON/OFF” button or without pressing any buttons for consecutive 5 seconds, it will quit the function setting status. After quitting



the function setting status, the  icon is off, it means the timer function has been canceled.

Count down setting range: 00~24 hours, in which "00" refers to closedown of timer function. Each time press "▲" or "▼" button, if it is within 10 hours, it will increase or decrease 0.5 hour each time, if long press "▲" or "▼" button, it will increase or decrease 0.5 hour every 0.3 second; if it is over 10 hours, each time press "▲" or "▼" button will increase or decrease 1 hour each time, and if long press "▲" or "▼" button, it will increase or decrease 1 hour every 0.3 second.

(5) Setting of air renewal function

Air renewal function: through adjusting the fresh air volume to improve the air quality and keep the indoor fresh air.




Air renewal setting: press "Function" button to switch to air renewal function, when  icon flickers, press "▲" or "▼" button to adjust the air renewal level; after setting air renewal level, press "ON/OFF" button or without pressing any buttons for consecutive 5 seconds, the air renewal function has been confirmed to be turned on and then quit the function setting status. After quitting the function setting status, the  icon is on, it means the air renewal function has been turned on.

Cancel air renewal: press "Function" button to switch to air renewal function, when  icon flickers, press "▲" or "▼" button to set the air renewal as "00", then the air renewal function is canceled; press "ON/OFF" button or without pressing any buttons for consecutive 5 seconds, it will quit the function setting status. After quitting function setting status, the  icon is off, it means the air renewal function is canceled.

Adjustment range of air renewal level: it can adjust the air renewal level to be 00~10, in which "00" refers to closing down air renewal function.

(6) Setting of Sleeping Function



Sleeping function: set the unit to enter into sleeping operational status, the unit will operate according to the preset sleeping temperature curve to create a comfortable sleeping environment and improve sleeping quality.

Turn on or cancel sleeping function: press "Function" button under power-on status to switch to sleeping function, when  icon flickers, press "▲" or "▼" button to turn on or cancel sleeping function. If  icon is on, it means the sleeping function is turned on; if  icon is off, it means the sleeping function is canceled.

There is no sleeping function under auto and swing mode.

(7) Setting of energy-saving function

Energy-saving function: through setting the lower temperature limit of cooling and dry mode and upper temperature limit of heating mode, to make the air conditioner operate in a smaller temperature range, thus save energy.

Turn on cooling energy-saving: with the unit is started up, under cooling or dry mode, press "Function" button to switch to energy-saving function, when  icon flickers, press "▲" or "▼" button to adjust cooling temperature limit, after setting cooling temperature limit, press "ON/OFF" button or without pressing any buttons for consecutive 5 seconds, the energy-saving function is confirmed to be turned on and quit the function setting status. After quitting function setting status, the  icon is on, it means the

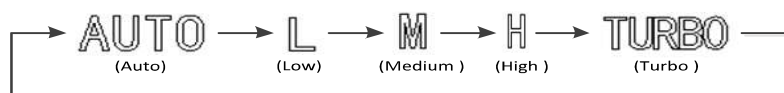
cooling energy-saving function has been turned on.

Turn on heating energy-saving: with the unit is started up, under heating mode, press “Function” button to switch to energy-saving function, press “▲” or “▼” button to adjust heating temperature limit, if the “SE SAVE” icon flickers, after setting heating temperature limit, press “ON/OFF” button or without pressing any buttons for consecutive 5 seconds, the energy-saving function is confirmed to be turned on and quit the function setting status. After quitting function setting status, the “SE SAVE” icon is on, it means the heating energy-saving function has been turned on.

Cancel energy-saving function: under energy-saving function setting status or under normal power-on status, press “Function” button and “▼” button simultaneously to cancel energy-saving function, when “SE SAVE” icon is off, it means the energy-saving function is canceled.

4.2.6 Speed Settings

Under power-on status, press “Speed” button, the speed will be circularly switched according to the following order:



Notes:

- ◆ Under dry mode, the speed cannot be adjusted, it will be automatically set to be low.
- ◆ When the speed of indoor unit is adjusted to be auto speed, the indoor unit will automatically change speed according to the indoor ambient temperature, to make the indoor ambient temperature be more stable and comfortable.

4.2.7 Special Function

(1) Inquire address of indoor unit

Under power-off status, press “Speed” button and “ON/OFF” button simultaneously for 5 seconds, then the “88” LED will display the engineering No. of the indoor unit for 5 seconds; if the engineering No. is over two digits, it will circularly display the higher two digits and lower two digits.

(2) Inquire unit type

Under power-off status, simultaneously press “Mode” button and “ON/OFF” button for 5 seconds, then the “88” LED will display corresponding code for 5 seconds: heat pump unit will display “nA”, cooling only unit will display “nC”, heating only unit will display “nH”, swing type unit will display “nF”.

(3) Setting of power-fail memory function

Under power-off status, simultaneously press “Mode” button and “▲” button for 5 seconds to switch the memory method: if “88” LED displays “on”, it means it will memorize the on and off status of the unit after being de-energized (that is, after de-energizing and energizing the unit, the unit will resume to be the status before it is de-energized); if “88” LED displays “oF”, it means it will not memorized the on and off status of the unit after being de-energized (that is, after de-energizing and energizing the unit, the unit will still be power-off status).

(4) Setting of master indoor unit function

Under power-off status, long press “Mode” button for 5 seconds to set the indoor unit to be master pattern indoor unit (master indoor unit), after finishing setting, the “88” LED will display “UC” for 5 seconds.

Notes:

when the masterindoor unit is started up, the operational light “” on display panel will flicker for

three times.

(5) Settings of Child Lock Function

Under power-on or power-off status, simultaneously press “▲” button and “▼” button for 5 seconds, it will turn on child lock function, the “88” LED will flicker and display “An” for three times; press “▲” button and “▼” button again for 5 seconds, it will cancel child lock function.

Under child lock status, the unit will not response if pressing other buttons, and the “88” LED will flicker and display “An” to remind the user that the unit is under child lock status.

(6) Long-distance Shielding Function

Long-distance shielding function: long-distance monitor or centralized controller can remotely control related functions of indoor unit or conduct shielding to make the operation invalid, thus realize long-distance control function.

Long-distance shielding function can be divided into full shielding and partial shielding. When it is in full shielding, all the remote control or operation by pressing buttons to the indoor unit will be invalid. If it is in partial shielding, the remote control or operation by pressing buttons to the shielded function of indoor unit will be invalid.

When long-distance monitor or centralized controller conduct long-distance shielding to indoor unit, if the user wants to remotely control or operate the unit by pressing buttons, the “88” LED will flicker and display “Ay” to remind the user that it is under long-distance shielding status.

5 Introduction to Unit Functions

Function Application of IDUs

Indoor unit functions cover user operation functions and engineering application functions. For user operation functions, refer to operating instructions of the IDU, wired controller, and remote controller.

Engineering application functions include:

SN	Function Name
1	Master IDU query and settings
2	Indoor unit project number query and settings
3	User parameter query
4	User parameter settings
5	Engineering parameter query
6	Engineering parameter settings

Engineering application functions can be operated through the IDU wired controller (XK46 or XK49) or remote controller (YV1L1, fittings selectable).

5.1 Engineering Application Functions Operated through the XK46 Wired Controller

5.1.1 Master IDU Settings

The master IDU can be set through the wired controller or remote controller. The methods for setting the master IDU through the wired controller are as follows:

Method 1:

Step 1: Set an IDU to power-off status.

Step 2: Press and hold the "MODE" button on the wired controller for more than five seconds.

Step 3: Check whether the setting is successful. If it is, "MASTER" on the wired controller will be on. Otherwise, repeat steps 1 and 2.