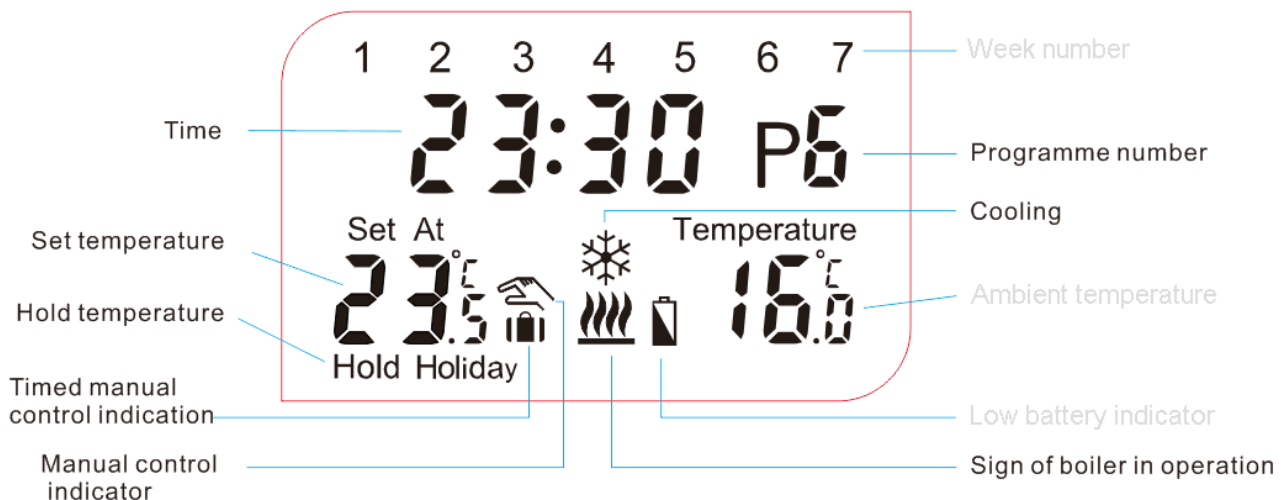# Instruction

Specification

1.Programmability: 7 Day Programmable

2.Display Temperature Range：0°C~40°C (in 0.1°C increments)

3.Adjustable Temperature Range:5°C~35°C (in 0.5°C increments)

4.Temperature measurement accuracy: ±1°C (at 20°C)

5.Power source: 2x AAA 1.5V LITHIUM BATTERY

6.Switchable Current: 6 A (2 A inductive load)

5.Load Rating: 6(2)A, 230V

6.Low Battery Indicator: Display " 🔋 " when battery is less than 2.7V

7.Standby current:17uA, Lighting current ≤ 4.2mA

8.Backlight colour: Orange / Blue

9.Dimensions: 119 x 80 x 26 mm

LCD Display

Setting the Time

1.Press DAY once until the week symbol is flashing,use + or - to adjust from 1~7.

2.Press DAY once until the hour symbol is flashing,use + or - to adjust from 0~23.

3.Press DAY once until the minute symbol is flashing,use + or - to adjust from 0~59.

4.Press SET to confirm changes or wait for 15 secs to automatically confirm and return to the Run Mode.

Programming

1. Hold SET then press PROG until the week symbol is flashing (1,2,3,4,5,6,7).

2. Press + or - to select the setting week in "1 2 3 4 5" or "6 7" (5/2 day mode), "1,2,3,4,5,6,7"(7 day mode), "1 2 3 4 5 6 7"(24 hour mode).

3. Press PROG once,display P1 and the time will flash, use + or - to adjust the first time to required setting (in 10 minutes increments).

4. Press PROG once and the temperature will flash, use + or - to adjust the temperature (in 0.5°C increments).

5. Press DAY once to display "--:--" if you do not want to run this program.

6. Repeat steps 3 to 4 above until all 6 time and temperature settings above have been set for Monday (the week choosed).

7. Once Monday's time and temperature have been adjusted to desired settings and 1(Monday) is flashing, press PROG again to repeat steps 2 to 4 until all 7 days of the week have been set to desired times and temperatures.

8. When all 7 days, time and temperature have been set to desired settings, press SET to confirm settings or wait for 15 secs to automatically confirm and return the programmer Run Mode.

9. Press PROG to view the programming setting parameters under normal running status,use + or - to view different weeks.

10. The factory pre-set settings:

Week 1~Week 7:

P1：7：00 20°C   P2：9：00 17°C   P3：12：30 20°C

P4：15：00 19°C   P5：17：30 22°C P6：23：00 17°C

Copy program

1. Hold "COPY" under main program mode for 3 secs until the COPY symbol display, the week 1 will flashing

2. Press + or - to choose the week you wish to copy

3. Press COPY again and the above selected week stops flashing, then press + or - to arrive at the day that you want to copy to.

4. Then press COPY again to confirm and the changes will be immediately made.

5. Repeat steps 3 to 4 above to copy on different program

6. Press SET to lock in the changes or wait for 15 secs to time out.
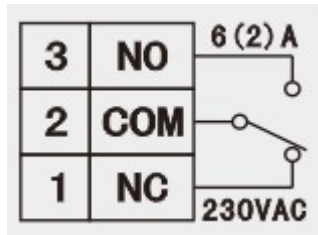
MANUAL

1. Hold "HOLD" once until the HOLD symbol display, press + or - to set temperature, this settings will running until pressed by SET to quit.

2. Hold "HOLD" under main program mode for 3 secs until display d:01 and HOLIDAY symbol, press + or - to adjust from d:01~d:99, set and waiting for 15 secs to automatically confirm; Then press + or - again to set the desired temperature. This setting temperature will running out the setting days to quit or press SET to quit.

3. Press + or - to adjust the setting temperature, then press DAY to lock mode to lock the hours, press + or - to choose the lock hours from 1~9 hrs. Waiting for 15 secs to automatically confirm; This setting temperature will running out the setting hours to quit or press SET to quit.

4. Press + or - to adjust the setting temperature, waiting for 15 secs to automatically confirm; This setting temperature will running until the next PROG or press SET to quit.

5. Hold SET then press + or - to set the Comfort temperature mode / Economy temperature mode:

● **Set the Comfort temperature**: Hold SET then press + to flash the temperature, press + or - to set the comfort temperature, then press SET to confirm or wait for 15 secs to automatically confirm.

● **Set the Economy temperature**: Hold SET then press - to flash the temperature, press + or - to set the economy temperature, then press SET to confirm or wait for 15 secs to automatically confirm.

Backlight

Press LIGHT, the backlight will be light on for 15 secs.

Relay Wiring

1(NC),2(COM),3(NO)

Heating: connect the two connection wires of the device to be controlled to terminals No. 3 (NO) and No. 2 (COM), i.e. to the normally open terminals of the relay

Cooling: the two connection wires of the cooling equipment should be connected to terminals No. 2 (COM) and No. 1 (NC), i.e. to the normally closed terminals of the relay.

• To prevent electric shock, replace the inner cover removed for the connection of wires after the assembling process has been completed.

The device must be installed and connected by a qualified professional. Always follow the manufacturer's instructions when connecting the thermostat to any heating or cooling appliance.

The voltage appearing at terminal No. 1, No. 2 or No. 3 depends only on the system being controlled, therefore the dimensions of the wire are determined by the type of the device to be controlled. The length of the wire is of no significance.

MODE

1. Press and hold SET and then press MODE to enter the technical setting interface, press MODE to choose between different mode:

S: Press + or - to choose the swing value from 0.2~2.0
CAL: -3~+3
CAL: calibrate the temperature from -3.0~+3.0 by press + or -
HP:ON/OFF (No this function under COOL mode)
It is the Heat Pump switch, if there is no heating within 24 hrs, the thermostat will turn on the heating for 1 minute at the time of noon 12:00.

Lock Function

1. Hold "LOCK" for 5 secs until the LCD screen display "LOC" for 5 secs and constantly display ⚷ symbol, then all the buttons is locked now.

2. Hold "LOCK" for 5 secs again, LCD screen will display "ULOC" and ⚷ symbol disappear, then all the buttons is unlocked and can be normal used.

Running Mode
HEAT (Heating) / COOL (Cooling)
Switch by hold MODE button for 5 secs and use + and - to choose the running mode, then confirm by press SET.

Reset

1. Remove the back cover, press RESET of the back side to reset the thermostat (turn off then turn on the power, the settings won't be changed).
2. Press RESET on the front case for 3 secs to restore the factory default settings.