

# Programmable Plug In Thermostat



## 1.Product Instruction

This is programming plug in thermostat,it is used for controlling air conditioner,carbon crystal heating panel,electric heating oven,heater and so on cooling heating devices,it is used conveniently and beautiful structure.

## 2.Technical Data

Voltage:AC200~240V, 50HZ

Load Current:16A(electric heating)

Temperature Control Precision:±0.5°C

Temperature Setting Range:5°C - 35°C

Self Consumption Power:<1.5W

Temperature Sensor:NTC

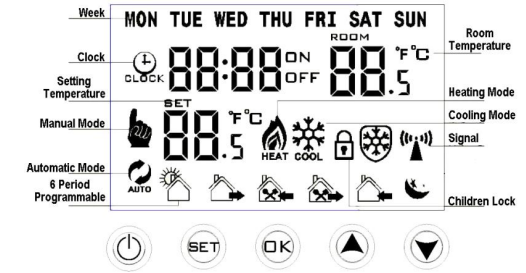
## 3.Button Function Instruction

NO.	symbols	Represent
1		Power On/Off
2		Selection Setting:short press to switch manual mode/programming mode;long press for 3 seconds to enter set clock and timing on/off.
3		Confirm Button/Enter Button, long press for 3 seconds to enter programming mode setting.
4		Increase Button,short press for increase value;long press for 3 seconds to enter advanced setting
5		Decrease Button, shortpress for decrease value;long press for 3 seconds to unlock
6	Indicator	Light on is heating on,light off is heating off

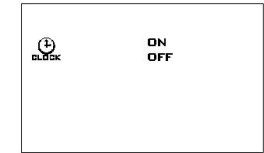
## 4.Display And Function Instruction

NO.	symbols	Explanation
1		Programming mode
2		Manual mode
3	 	When programming mode,it need set temperature,it can press “” or “” to adjust.Enter into temporary manual mode “” and “” flashing, when enter into next period“” will disappear,thermostat run to the period of setting previously.
4		Heating mode:relay connect,it will display “” On power off state,when Anti-freezing function open,relay connect,it will display “”
5		Cooling mode:relay connect,it will display “”
6		6 periods programming icon
7		Timing on/off icon
8		Room temperature
9		Children lock:no any operation for 10 minutes,buttons will lock automatically,Press down button “” for 3 seconds also can lock buttons,it will display lock icon on screen,unlock method:long press power button “” for 3 seconds then move your finger.
10		Windows open mode
11		Clock setting icon

## 5.Quick Instruction Of Operation Icon



## 6.Clock setting/Timing on/off setting.



### Setting Screen

#### 1) Clock Setting

Long press “” for 3 seconds then enter setting screen,short press “” to choose “” icon( flashing),press “” enter clock setting,it displays minute,hour,week, minute flashing then press “” or “” to adjust value. Press “” to confirm and switch to next hour ,week setting,it is the same as minute setting.Press “” button to save all time setting and return to previous screen.

#### 2) Timing On/Off Setting

Long press “” for 3 seconds then enter setting screen,short press “” to choose “” ( flashing) to set time of timing on;press “” or “” to adjust value.Press “” to choose “” and set timing off.Cancel timing on/off:press “” to set as 00:00,press “” to set as 00:00.It will quit automatically after setting finished 5 seconds,or press “” button return to previous screen.

### 3) 6 Periods Programming Mode Setting

Mode	Explanation	Printscreen
Programming Mode	<p>Long press “OK”, screen displays       (it means cycle control), screen displays “MON TUE WED THU FRI” (it means Monday to Friday periods). See picture at right: first period flashing, press “▲” or “▼” to adjust setting temperature, press “OK” to adjust clock, press “OK” to next period setting, same like this to finish 6 periods setting, then press “OK”, screen displays   and “SAT SUN” (Saturday and Sunday), set it as per previous method, it will save and quit after setting finished 5 seconds.</p>	

Note 1. the usage of temporary manual mode:

When thermostat is in programming mode, such as current time is 16:00, thermostat will set corresponding room temperature (factory setting is 15°C) as per current period (factory setting afternoon going out period is 12:30-17:30), if current day you end work 1 hour earlier, (16:30 is 1 hour earlier than 17:30), you can press increase/decrease button temporarily to modify temperature to the temperature you wanted (such as 20°C), then the thermostat will keep the room temperature in 20°C until next period, no any operation, thermostat will run the setting temperature (thermostat default 20°C) automatically of afternoon entering room period (17:30-22:00) at 17:30.

### 4) Factory default periods programmable

Period	Icon	Default Time	Default Temperature
Working Day	1	06:00	20°C
	2	08:00	15°C
	3	11:30	15°C
	4	12:30	15°C
	5	17:30	20°C
	6	22:00	15°C
Weekend	1	08:00	20°C
	2	23:00	15°C

### 7. Advanced Setting (Suggest To Operate By Professional People)

Under power on state, press “▲” for 3 seconds to enter advanced setting, then press “SET” to choose option, press “▲” or “▼” to adjust value. To press “SET” to next option. It will save setting and quit after setting finished 5 seconds.

No.	Display	Setting Option	Data Setting Function	Factory Default Setting
1	A1	Windows open mode setting	Press ▲ to turn on, display 5°C (Trigger range of temperature: 5-25°C, Running time setting range: 5-60 minutes)	“— —” means that the windows open mode is disable  Time default: 15 minutes
2	A2	Sensors Temperature Control Return Difference	1-9°C	2°C
3	A3	Setting Temperature Highest Limit	20-70°C	35°C
4	A4	Setting Temperature Lowest Limit	1-10°C	5°C
5	A5	Measuring Temperature Calibration	±5°C (Display room temperature)	0.5°C Accuracy
6	A6	Anti-freezing Function	00: Anti-freezing function close 01: Anti-freezing function open	00: Anti-freezing function close
7	A7	Power on/off state memory after electricity cut	00: Thermostat off when electrify 01: Thermostat on/off with memory when electrify	01
8	A8	Working Mode	00: Cooling Mode 01: Heating Mode	01: Heating Mode
9	A9	Programming Mode	00: Enable Programming Mode 01: Disable Programming Mode	00: Enable Programming Mode
10	AA	Factory Setting	88: it just display, no any meaning 00: Return to factory setting	When it display “88”, press ▲ or ▼, then press OK. When “00” appear, it indicate that the thermostat is restored.