# THERMOMETER+CONTROL  120℃ 12V

## Model:XH-W1308 Red LED

## User Manual



## Operation:

**How to set temperature?**

When you switch on, the real temperature will be displayed; Push "SET" one time, the screen flash, and then push arrow(up or down) to set temperature.

**How to enter more SETTING?**

Long Pushing "SET"(5s)to enter more setting , And push "ENT" to confirm and return last menu , In the normal working , Long pushing can lead to Switching Off.

**PO:Working mode**

When you are first time to use this digital thermostat module , you must set to be "PO", If works for heating,set to be "H", If working for cooling , set to be "G".

**P1: temperature range value**

For example: set Heating mode , temperature 37℃-40℃,then the value is 3.

**P2-P3: to set temperature range for thermostat**

**P4:Adjust temperature error**

This function is to adjust temperature error. If there has some error between real temperature and tested temperature, you can use this function. The adjusted value=tested value + adjusted value. For example, we tested temperature 25.6℃,but real temperature is 25.8℃,then you can set P4 to be 0.2,then the final temperature is 25.6℃+0.2=25.8℃.

**P5:Delaying start**

This function is used for compressor refrigerating. If you want this device to use on the refrigerator, then this value must be set. According to compressor returning pressure, generally set 3-6minutes;If you don`t to control compressor ,or don`t need delaying function ,please skip this set.

**P6:Alarm for high temperature**

When the real temperature is over than the set value, the screen will show "HHH" and the buzzer will alarm sound "di di di", at the same time ,will cut off output to protect electric circuit.

**P7:Value lock**. To prevent other people to modify the setting. After you set all values ,you can enter "P7",and set to be "On", then all values couldn`t be modified, unless enter "P7" again to set to be "Off".

**P8:Recovery all value to be inital state.**

| Code | Indicating | Set range | Inital Setting |
|------|-----------|-----------|----------------|
| P0 | Mode set | H/C | C |
| P1 | Return Difference Setting | 0.1-30 | 2.0 |
| P2 | Up limit | +120 | 120 |
| P3 | Down limit | -55 | -55 |
| P4 | Temp. adjust | +10 to -10 | 0 |
| P5 | Delay Time Start | 0-10 minutes | 0 |
| P6 | High temp.alarm | -50-120 | off |
| P7 | Data Lock | on/off | off |
| P8 | Inital setting | on/off | off |

NTC

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Load

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