

# WiFi Digital Heating Thermostat User Manual

Many thanks for your selection of our products and services, and also for your trust and support to us.

Search for "Smart life" from google play or App store to Download the Wifi App



\*Turn on the thermostat, press and hold the key combination “” and “” Activate WIFI distribution network icon

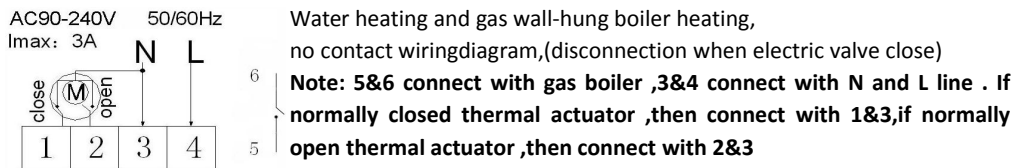
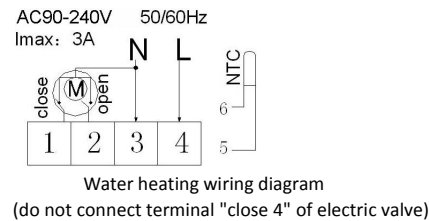
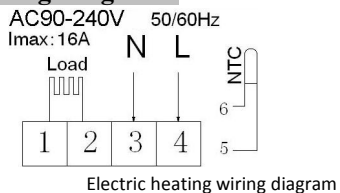
## Features

- (A) Including built-in sensor and external sensor
- (B) 0.5°C accuracy keeps temperature within the level you set.
- (C) Children lock to prevent misoperation by children
- (D) Data memory when power is off.
- (E) Holiday mode make you enjoy more comfortable temperature in holiday
- (F) The temperature of external sensor can be checked

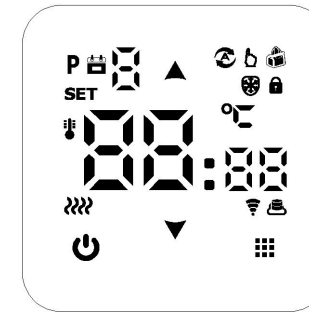
## Product Specifications

- ☆ Power: 90-240Vac 50/60Hz
- ☆ Display accuracy: 0.5°C
- ☆ Probe sensor: NTC(10k)1%
- ☆ Contact capacity: 3A/(WW);16A/(WE)
- ☆ Limit temperature range: 1~70°C
- ☆ Range of temperature adjustment: 5~35°C
- ☆ Range of temperature display: 1~70°C
- ☆ Insulating condition: Normal environment
- ☆ Running program: Set per 1 week as a cycle
- ☆ Output: Switch relay
- ☆ Installation: recessed type (in the wall)
- ☆ Size(mm): 86\*86\*27

## Wiring Diagram



## Displays



## Description of icon




- Manual mode
- Clock
- Room temp
- Programming mode
- Temporary manual mode
- Holiday mode, Holiday days and temperature can be set to run in countdown mode
- Heating, icon disappears to stop heating
- SET** Set temp
- WIFI connection, flashing EZ distribution mode, When these two icons are not displayed, it means the WIFI is disconnected, please check the network
- Cloud icon: flashing AP distribution network mode
- Child lock

## Operation key





NO	symbols	represent
A		Turn ON/OFF: On power off state, short press to turn on thermostat; on power on state, long press to turn off thermostat Power on state, short press to display the clock time
B		1 Short press  to switch programming mode and manual mode 2 Turn on thermostat, long press  for 3-5 seconds to enter into programmable setting 3. Turn off thermostat, long press  for 3-5 seconds to enter into advanced option A
C		1 Decrease key 2 Long press to lock /unlock
D		1 Increase key ; 2 Long press to inquire external sensor temperature ( only available for BN item select N3 in the advance option B) 3 In the program model, press  or  enter to temporary manual mode
E		Press them together to enter matching wifi mode

## Clock Setting




Turn on thermostat, long press for 3-5 seconds to enter into setting surface, the short press or

▲ to choose  icon, short  enter clock setting, short press  to choose:minute, hour, week, short press ▼ and ▲ to adjust data

### Holiday mode

Turn on thermostat, long press  for 3-5 seconds to enter into setting surface, the short press ▼ or ▲ to choose  icon, short  enter holiday mode, short press  to choose:holiday days, holiday temperature, short press ▼ and ▲ to adjust data




### Programmable

5+2 (factory default),6+1 and 7 models 6 times period setting for user choose. In the advanced options choose model of you need. Turn on thermostat, long press  for 3-5 seconds enter into programming mode setting, short press ▼ or ▲ choose **P** icon then press  enter into program mode setting,then short press  choose: hour,minute, time period, and press ▼ and ▲ to adjust data, finished setting, about 10 seconds will automatic save and exist.


P1		P2		P3		P4		P5		P6	
Wake up		Leave home		Back home		Leave home		Back home		Sleep	
6: 00	20°C	8: 00	15°C	11: 30	15°C	13: 30	15°C	17: 00	15°C	22: 00	15°C

The optimum comfort temperature is 18°C-22°C.

### Advanced option A

Power off state, long press  for 3-5 seconds to access advanced option A, short press  to choose the option, and adjust data by ▼ or ▲, short press  to switch next option.Remain about 5 seconds after finish setting will quit setting.

NO	Setting Options	Data Setting Function	Factory Default
1	Measure Temperature Calibration	-9-+9°C (Displayed as the corrected room temperature value)	-1
2	Start/stop working temperature difference setting	0.5-2.5°C	1°C
3	High temperature protection temperature difference setting	1-9°C	2°C
4	Options of sensor control	N1:Internal sensor (high temperature protection close) N2:External sensor (high temperature protection close) N3:Internal sensor control temperature ,external sensor limit temperature (external sensor detect the temperature is higher than highest temperature of external sensor, thermostat will Close relay,turn off load)	N1

5	Children lock setting	0:half lock      1:full lock	0
6	High temperature protection for external sensor	20°C-70°C When setting temp = 20°C, , if press ▼ will display <b>【--】</b> , cancel high temperature protection	45°C
7	Low temperature protection	1-10°C When setting temp = 10°C, if press ▲ will display <b>【--】</b> , cancel low temperature protection	5°C
8	Setting temperature minimum limit	1-10°C	5°C
9	Setting temperature maximum limit	20-70°C	35°C
A	Descaling function	0: Disable descaling function 1: Enable descaling function	0
B	Power on/off state memory after electricity cut	0:Thermostat on/off with memory when electrify 1:Thermostat off when electrify 2:Thermostat on when electrify	0
C	Weekly programming selection	0: 5+2 1: 6+1 2: 7	0
D	Standby bright	0: Off      1: Weakly bright      2: Semi-bright	2
E	Restore factory defaults	Display Ao , long press  key to whole show	

**Return difference** : limit valve of external sensor is 45°C for factory default (A6),value of external sensor control return difference (A3) is 2. when temperature rise to 45°C,then relay stop working and will remind high temperature production alarm. If temperature decline to 43°C relay continue to work and heating alarm will be relieved. (it can be operated ,only when room temperature is lower than setting temperature )

**Sensor fault display**:please choose correct working way of built-in and external sensor, if choose wrongly or sensor fault (breakdown), “E1” or “E2” will be displayed on the screen. Thermostat will stop heating until the fault is eliminated

#### Warranty:

We offer the warranty of 24 months, from the sales day. The products of our company can have lifetime warranty ,if it is not the quality problems, or beyond the warranty period, we will charge for the after-sale service.