






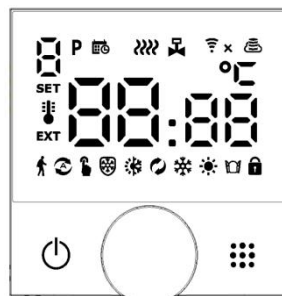


HY510 WiFi heating thermostat manual
















<p>Search “Smart life”APP on Google play or APP store to download it.</p> 	<ul style="list-style-type: none"> ● Power on state , long press “”5S,next rotate knob to select item 05,then short press “” to confirm , after rotate knob to change 00 to 01, Finally long press "  "to activate the WIFI distribution network icon  (EZ mode). Rotate the knob to select 0: Long press "  "to activate the WIFI distribution network icon  (AP mode) ● APP advanced setting password is 123456
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Specifications

- ◇ Power: 90-240Vac 50/60HZ
- ◇ Sensor: NTC(10k)1%
- ◇ Current: 3A (WW); 16A (WE)
- ◇ Set temperature range 1~70°C
- ◇ Default set temperature range: 5~35°C
- ◇ Accuracy: ±0.5°C
- ◇ External sensor: options (NTC)
- ◇ Size: 82*82mm(frame)



Display icon

-  Programming mode  Manual mode  Temporary manual mode
-  Holiday mode  On heating  Room temperature
- SET** Set the temperature  Child lock  Clock icon  Antifreeze
-  Blinking, activate window function **EXT** External sensor temperature
-   WIFI connection, flashing EZ distribution mode. When neither icon is shown, the WIFI connection is disconnected. Please check the network
-  Cloud icon: flashing AP distribution network mode
-  Wifi status: Disconnection
-  :Cooling mode, this icon is always displayed when switching to cooling mode and flashes when the cooling load is output






Operation key







Turn on/off thermostat .

Power off state ,short press to turn on;





Power on state ,long press to Turn off ;

-  Power on state ,short press to display time
-  Short press to choose manual or auto mode
- Power on state ,long press to program or set time or set holiday mode.
- On setting interface, short press to confirm
- Power off state, long press to set advance options
-  At the same time ,long press to lock/ unlock
-  Rotate left-minus
-  Rotate right -plus
- On program mode,rotate the knob into temporary manual mode




Setting time

Turn on thermostat, long press “” to enter setting interface, rotate the knob to choose “”, then short press “” to set time, next press “” to choose hour ,minute and week, rotate the knob to change the value.

Holiday mode




Turn on thermostat, long press “” to enter setting interface, rotate the knob to choose “”, then short press “” to enter, short press “” to choose days and temperature, rotate the knob to change the value.

Programmable


There are six programming working modes for users to choose: 5+2 (default), 6+1, 7day (same as every day). Select the programming working mode from Advanced option A. Turn on thermostat, long press “” to enter setting interface, rotate the knob to choose “**P**”, then short press “” to program, short press “” to choose hour ,minute and temperature, rotate the knob to change the value. After finished, wait 10 seconds to exist.


P1	P2	P3	P4	P5	P6
Wake up	Out door	Back home	Out door	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

External sensor query

Turn on thermostat, long press “” to enter setting interface, rotate the knob to choose “**EXT**”, then short press “” to enter, short press “” to choose hour ,minute and temperature, rotate the knob to change the value.

Advance option

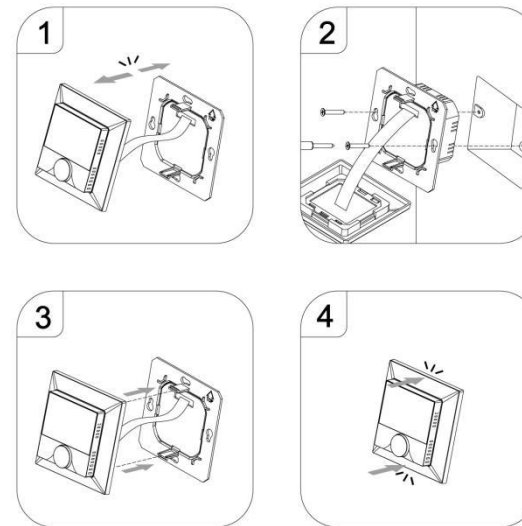
Turn off thermostat, long press “

No.	Items	Parameter	Default			
1	Measure Temperature Calibration	-9-+9°C	-1			
2	Temperature return difference	0.5-2.5°C	1°C			
3	External sensor control return difference	1~9 °C	2			
4	Choose sensor	N1 :inner sensor(high temperature protection closed) N2: external sensor(high temperature protection closed) N3: inner sensor for temperature controlling, external sensor for high temperature protection	N1			
5	Child lock	0: half lock; 1: full lock	0			
6	High temperature protection	1: 20°C-70°C 2: less than 20°C , display【--】, mean closed this function	45			
7	Low temperature protection	1: 1°C-10°C 2: more than10°C , display【--】, mean closed this function	5			
8	The lowest setting temperature	1-10	5			
9	The highest setting temperature	20-70	35			
A	Descaling function	0: closed 1: open	0			
B	Power with memory function	0: Power with memory function 1: Off state after connecting with power 2: On state after connecting with power	0			
C	Programmable	0: 5+2; 1: 6+1; 2: 7	0			
D	Standby display	0: display nothing 1: Standby brightness is weak-bright 2: Standby brightness is semi-bright	2			
E	Reset	Long press “  <table border="1"> <tr> <td>L</td> <td>Heating/Cooling mode</td> <td>0: heating 1: cooling</td> <td>0</td> </tr> </table>	L	Heating/Cooling mode	0: heating 1: cooling	0
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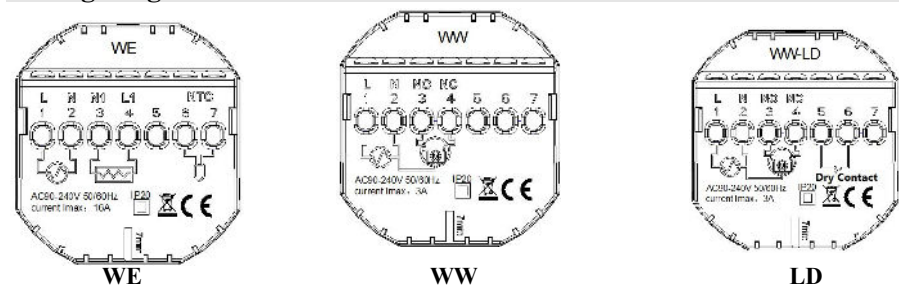
Return difference : limit valve of external sensor is 45°C for factory default (6), value of external sensor control return difference (3) is 2. when temperature rise to 45°C, then relay stop working and will remind high temperature protection alarm. If temperature decline to 43°C relay continue to work and alarm will be relieved. (it can be operated ,only when indoor 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

installation instructions



Wiring Diagram



WE: electrical heating
WW: water heating
LD: boiler heating and water heating