



Product Specifications

- ☆ Power Supply: Receiver:230Vac 50/60HZ ☆ Range of temperature display: 0~40°C
 Transmitter: 2AA* 1.5V alkaline batteries
- ☆ Display accuracy: 0.5°C ☆ Insulating condition: Normal environment
- ☆ Probe sensor: NTC(10k)1% ☆ Running program: Set per 1 week as a cycle
- ☆ Contact capacity: 5A/250V(BW;WW);16A/250V(WE) ☆ Output: Switch relay
- ☆ Working environment temperature: 0~70°C ☆ Installation: Wall mounted or on battery seat
- ☆ Range of temperature adjustment: 5~35°C ☆ Size(mm): 86*86*27

Operation Key

NO	symbols	represent
A		Turn ON/OFF: Short press to turn on/ turn off
B		1 Short press to switch automatic 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 settingA
C		1 Confirm key: Only short press it to set time 2 Turn on thermostat,long press 3-5 seconds,When the OFF flashes press or instead ON,short press to seting days and temperature of the holiday mode.press will open holiday mode. 3 Turn off thermostat, long press it for 3-5seconds to enter into advanced setting B
B		1 Decrease key 2 Long press to lock /unlock
D		1 Increase key : 2 Under auto mode state, press , to enter into temporary manual mode 3 Long press to check external sensor temperature(only used for the receiver with external sensor)



Programmable Mode Setting


Power on state, long press “” enter into first time period (hour setting), press “” and “” to adjust value, short press “” enter into minute setting, press “” and “” to adjust value, then short press “” enter into temperature setting, press “” and “” to adjust value, successively short press “” to set second time period, thirdly time period


Wake up	Out door	Back home	Out door	Back home	Sleep
6: 00 21°C	8: 00 17°C	11: 00 21°C	13: 30 17°C	17: 00 21°C	22: 00 17°C




Advanced options


Power off state, long press for 3-5 seconds to access advanced setting A.
From A1 to A9, short press to choose the option, and adjust data by ,. After finish setting ,remain about 10 seconds ,it will save setting and exit advanced setting automatically .

NO	Setting Options	Data Setting Function	Factory Default
A1	Measure Temperature Calibration	-9-+9°C press ,to adjust.	Display measuring temperature
A2	Temperature control return difference setting	0.5-5°C	1°C
A3	Children lock setting	0:half lock 1:full lock	0
A4	Power off Memory	0: Last State 1: Electricity turn off 2: Electricity turn on	0
A5	Weekly programming selection	P1: 5+2 P2: 6+1 P3: 7	P1
A6	Setting temperature lowest limit	1-10°C	5°C
A7	Setting temperature highest Limit	20-70°C	35°C
A8	Anti-freezing function	1: 1-10°C 2: more than 10°C ,display -- ,then mean closed this function	5°C
A9	Highest temperature protection function	1: 20-70°C 2: less than 20°C ,display --,then mean closed this function	--

AA	Return different temperature of High temperature protection	1-9℃	2
Ao	Restore factory defaults	Display A o, long press  until show the whole screen	

Power off state, long press  for 3-5 seconds to access advanced setting B.

From PH to BO, short press  to choose the option, and adjust data by  , . After finish setting ,remain about 10 seconds ,it will save setting and exit advanced setting automatically .


NO	Setting Options	Data Setting Function	Factory Default
PH	IP code high setting	00-FF	00
PL	IP code low setting	01-FF	01
BS	Write transceiver IP address	Power on RF Receiver (the orange LED is steady on) ,continue press  until Display"55" means IP match successfully.	00
BN	Sensor function	N1: internal sensor N3: internal and external sensors	N1
Bo	Product information	Cannot be changed	

Description of temperature thermostat data communication

1. Communicate with the receiver every 20 minutes under normal working conditions.

2. Press the switch button to communicate with the receiver once.

3. Communicate with the receiver once when the output state is switched.

 On when wireless communication is normal, and blinking when wireless communication is abnormal

Transceiver tips

Receiver LED display instruction:

Power light (green light):it' s bright when power on

Signal light(orange light):it' s bright within 10s after power on (match IP),signal light off when it receive match, signal light is blinking within 10s after power off.

Load light/fault light (red light):

A、 When no fault: light bright when load output, light off when no load output

B、 When fault: 1. Light blink 2 times indicate IP is fault

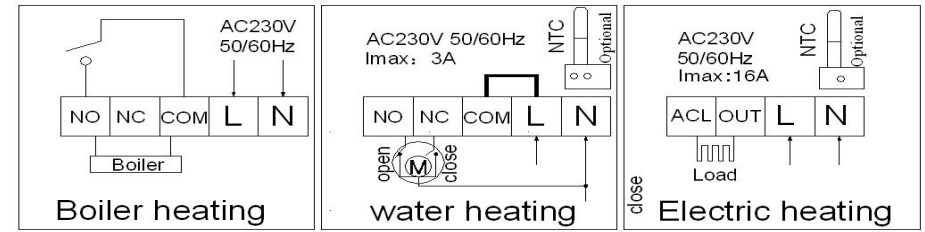
2. Light blink 3 times indicate it does not receive wireless signal for 1 hour

3. Light blink 4 times indicate built-out sensor is fault(only for receiver with external

sensor)

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.

Wiring Diagram



Cautions on Installation and Use

- To prevent the thermostat display from a high fluctuation, special treatment has been made to the program. Therefore, it is normal that the thermostat cannot immediately display the sudden change of temperature.
- The thermostat installed on 1.5m above the ground.
- For the thermostat installed, please take care not to install it to the wall corner, door / window side or behind the door or in such unheated area as exterior wall. Avoid hot / cold air duct, radiator, flue or thermal pipe.
- If you have any problem for the installed ,please contact our company hysen, we will make a demonstration for you
- Only the professional technicians are permitted to open the transmitter and receiver box of the thermostat for installation. When install the power supply, make sure that the power cable is well insulated.
- The thermostat is unrepairable product. The user shall not open the internal circuit board.
- Before installing the thermostat, make sure that the system is disconnected. The maximum voltage of the system shall meet the requirements specified in the Instruction Manual (Max. AC Voltage: 240V).

Warranty:

We offer the warranty of 18 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.