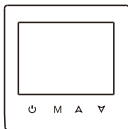


Intelligent temperature control manual



Apply

Intelligent digital thermostat is a temperature controller, which suitable for the floor heating system. Through the comparison of the ambient temperature and the set temperature, the working state of the electric valve of the floor heating system is controlled in order to adjust the ambient temperature, comfort and energy saving.

• Operation instruction

Turn on / off key press **⏻** key to turn on once; press **⏻** down again and close all valves at the same time.

M mode conversion key in the power-on state, press **M** to switch the working mode. The liquid crystal display **⏻** represents the manual mode and the display **⏻** represents the automatic mode.

▲ ▼ Adjust the key. In the power-on state press **▲ ▼** adjustment of the number.

Clock adjustment: In the power-on state, press the **M** key for 5 seconds, press the **M** key to switch the time and week after the icon flashes. Press **⏻** to Save bit

Lock button function: long press **▲** in **▼** boot state and 5 seconds panel enter lock key state right side of display screen. The icon of the lock indicates that the lock key was successful. Cryogenic protection function Advanced options enter the third option, select ON, the thermostat is turned off, when the room temperature is below 5

The thermostat automatically turns on heating, and when the indoor temperature rises to 5 degrees, the thermostat automatically turns off the heating.

• Electrical specification

1. Temperature sensor:NTC
2. Temperature precision:±1°C
3. Self-consumed: <170uW
4. Voltage: three: 1.5V batteries
5. Load current:3A(negative)
6. Protection grade: IP20

• Wiring diagram



Note: Passive linkage of wall-mounted furnace con and no

Note: due to the strong power design of some circuits of this product, it needs to be installed by professionals.

• Programming mode operation

In the case of power on, press **M** and **▼** key 5 seconds to enter the programming mode, then press **M** to switch parameters. The first time to enter the programming mode is to adjust the hours of minutes, press **M** to adjust for time, and then press **M** to adjust the temperature. The adjustment method of each period is the same as that of the first period. Press **⏻** wait.

Press the function	Option	Icon	time	Adjust the time	The default value	Adjust the temperature
M	1		08:00	▲	20°C	▲
	2		08:00		16°C	
	3		11:30		16°C	
	4		12:30	▼	16°C	▼
	5		17:00		22°C	
	6		22:00	▼	16°C	▼
Stop Off	1		08:00		22°C	
	2		23:00		16°C	

• Check step

The intelligent touch screen thermostat is installed where it is easy for the user to watch the screen and adjust the temperature setting point. And make the thermostat located in a place that can represent the overall ambient temperature of the room. Avoid installing thermostats near cold and heat sources, such as vents, heaters, outdoors or places where the sun shine.

• Common failure

phenomenon	Treatment method
Can't not turn it on	1 Check whether the battery is installed upside down 2 Check whether the boot button is valid
LCD garbled code	Whether the rear shell installation is deformed, it can be loosened and reinstalled
Show normal and no output	1 Check whether the connection between the main control board and the power board is damaged 2 Check if the output line has correct connection
There is an error in the temperature	Display through the first calibration part of the advanced option.

• Installation method

1. Install expansion screw sleeve with pitch 59mm on the wall.



3. Fix the bottom shell to the wall, and finally fix the wire. Cover the front shell on the bottom shell.



2. Separate the upper cover and the lower cover with a screwdriver, according to the direction of the alignment. The wire passes through the back cover to the slot and leaves about 20 cm long according to the actual situation.



• Parameters setting

In the shutdown state, press **M** and **▼** for 5 seconds at the same time to enter the parameter setting interface, at this time: press **M** cycle to select the parameters you need to set, press **▲** and **▼** key to adjust the parameters. Press **⏻** chase out. The schedule of parameters is as follows:

Parameter name	Parameter name	The default value	Functional description
1	Temperature compensation	0	The temperature compensation range is -10~10.
2	Switch deviation setting	1	The starting range of temperature difference is 0.5~10°C
3	Turn off parameter setting	OFF	Turn off the power function (only turn on the power function)
4	Choose a day off	0	1: Close 2: Not day weekend 3: No set
5	Set the upper limit of the temperature	60°C	1: Take a day off 2: Set the upper temperature range is -10~60
6	Restore factory settings		only press ▲ the return, others ⏻ the return