

8818 Heating Touch Temperature Controller Instruction

The floor heating thermostat is designed for both room-specific and household-specific temperature control systems. It monitors the room temperature and compares it with the set temperature to regulate the system's operation. This dual approach enhances comfort while achieving energy efficiency. This series of thermostats features manual operation, programmable settings, status memory, and high-sensitivity touch buttons. (Optional infrared remote control)

1. Technical Parameters

Input voltage : AC180 ~ 260V,50/60Hz

Temperature sensing element : NTC thermistor

Temperature control accuracy : $\pm 1^{\circ}\text{C}$

Dimensions: 86mmX86mmX36mm;

Self-consumption: <1.5W

Load current : 3A

Temperature control range: $05^{\circ}\text{C}\sim 45^{\circ}\text{C}$

Installation hole spacing: 60mm



2. Key Functions and Display Instructions

Manual function flag: The system operates only at the manually set temperature.

Programming mode flag, weekly programming cycle, set 6 time periods and the corresponding temperature for each time period every day, the thermostat automatically runs according to the programmed program.

Heating operation indicator, the thermostat is in the output heating state.

Temporary manual mode flag. In programming mode, you can manually set the temperature to switch to temporary manual mode. When the next time period arrives, the temporary manual mode exits automatically and continues to run in programming mode. (The temperature set in temporary manual mode cannot be saved when power is cut off, the device is turned off, or the mode is switched.)

Power on/off: press Press the power button once to turn on, and press it again to turn off.

Mode selection: When powered on, press and hold Press the key to switch modes. The LCD screen displays The icon indicates manual mode and displays The icon indicates the programming mode.

Temperature setting: press Press down to lower the set temperature, then press Set the temperature for the key elevation.

Time setting: Short press Press the enter time setting button to display the minute flashing, then press and hold The key flashes for hours, then press again. The key displays a flashing week, with the flashing status set to "a" Key or "v" Adjust key timing.

Programming Settings: Press and hold the Press 5 to enter the weekly programming mode settings interface and adjust the sequence. For the first time period of Week 1 to Week 5, adjust the timing and temperature. Then, for the sixth time period of Saturday and Sunday, adjust the timing and temperature. After setting each parameter, press the key to switch between options and confirm the settings. Press Key or "Key to adjust temperature or time parameter value (time increases or decreases by 15 minutes).

Key lock: Press and hold the Key and key for 5 seconds to enable the child lock function. The LCD screen will display "Key icon, then press and hold Key and key and hold the key for 5 seconds to turn off the child lock.

Fault alarm: When the sensor fails, the display Err or E1, E2 code alarm and disconnect the heating output until the fault is removed.

Control mode: When the room temperature is lower than the set temperature, the control valve has output or heating output status. When the room temperature is higher than the set temperature, the heating output is stopped.

Check the temperature of the external sensor: Long press 5 seconds to display the temperature of the external probe, and 5 seconds later restore the previous display (optional: this function is available only when the dual sensor configuration is selected).

Default time and temperature gauge for programming:

Time display	Weekdays (Monday through Friday)		Weekend (Saturday to Sunday)	
	Time	temperature	Time	temperature
1	06:00 Wake up at	20°C	06:00 Wake up at	18°C
2	08:00 Work	18°C	08:00 Work	20°C
3	11:30 Lunch break	15°C	11:30 Lunch break	20°C
4	12:30 Work	18°C	12:30 Work	20°C
5	16:30 get off work	20°C	16:30 get off work	20°C
6	22:00 Rest	15°C	22:00 Rest	15°C

3. Advanced Option Settings

In the shutdown state, long press the key and "C" key for 3 seconds to enter the advanced option settings. Then press the key to switch the option content. The flashing status indicates the parameter to be modified. Press the key or key to adjust. After setting the parameters, press the power-on key to confirm and save automatically.

Symbol	Option	Default	Adjust by Pressing Key or Key
01	Temperature Compensation	-2°C	-9°C~+9°C
02	Start Differential Temperature	1°C	1°C~5°C
03	Sensor Type	In	In: Built-in Sensor (Internal sensor controls display temperature)Int: Internal & External Sensor (Internal sensor controls temperature, external sensor displays temperature)00: External Sensor (External sensor controls display temperature) (Only selectable with external

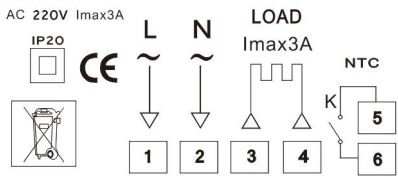
			sensor power supply)
04	Low Temperature Protection	--	5°C~10°C. When the maximum set temperature is 10°C, press the "^" key again, and "--" indicates that the low temperature protection function is turned off. If the low temperature protection function is enabled, when the indoor temperature is detected to be lower than the set low temperature protection temperature in the shutdown state, the thermostat will automatically force heating on.
05	High Temperature Protection Setting	70	35°C~99°C. When the minimum set temperature is 35°C, press the "v" key again, and "--" indicates that the high temperature protection function is turned off. If the high temperature protection function is enabled and the probe detects a temperature higher than the set high temperature protection temperature, the heating equipment will be forced to turn off. (This function is only available when selecting Int dual sensors with external sensor power supply)
06	Key Lock Option	0	0: In locked state, press the unlock key to set the power on/off key 1: In locked state, all keys including the power on/off key are locked
07	Rest Day Selection	01	01 Double Rest Days: 12345&67 02 Single Rest Day: 123456&7 --: Cancel Weekly Programming
08	Backlight Mode	2	0: Backlight turns off after 10 seconds1: Backlight always on2: Backlight automatically turns on after 10 seconds
09	Temperature Upper Limit	45°C	05°C~99°C. (E.g.: Set to 45°C, the thermostat can only adjust up to 45°C at most)
10	Power Failure Restart	2	0: Power on to shut down1: Power on to start2: Restore state before power failure

4. Installation and Usage Precautions

- 1 、 A power control switch or a separate power socket should be added to the front end of the thermostat system. The power should be cut off when the controller system is not needed.
- 2 、 Disconnect the power supply during installation, configure the power switch, and disconnect the power supply when not in use.
- 3 、 The installation position should be about 1.4m away from the ground, avoid direct sunlight, avoid wind, and away from heat sources.
- 4 、 Connect the circuit according to the bottom shell wiring diagram. If the controller used does not match the installation diagram, contact the distributor or factory.
- 5 、 Load according to the marked current. Overload is prohibited.

5. Installation Diagram (Installation Must Be Performed by Certified Electricians)

 Disassemble the main control board: Insert a 3.5mm flathead screwdriver into the slot along the inclined surface.	 Remove the 4mm wire and gently pry it upward to release the latch.	 Connect to the terminal block according to the wiring diagram, then tighten with screws.
 Use screws to secure the controller base plate to the rear cover on the wall.	 Connect the LCD board and power board together with a cable	 First, hang the two hooks at a 30-degree angle, then press the side firmly to secure the upper shell. Installation is complete.

6. Wiring Diagram: Please Refer to the Actual Screen-Printed Wiring Diagram on the Base Shell.  Warning: Always connect wires according to the electrical wiring diagram. Do not allow water, mud, or other impurities to enter the thermostat, as this may damage the device!	Warranty (After-sales) Service: The product warranty period of this product is two years, counting from the date of sale. The products of our company can enjoy lifetime after-sales service according to the regulations, but if the warranty period is exceeded or the after-sales service is not caused by quality problems, our company will charge a certain fee according to the situation.
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The product features and appearance may be slightly different from the instructions. Please refer to the actual product.