Heating Thermostat with LCD Screen user manual 950032PL





Power consumption: <1W

Temperature sensor: NTC

Load current: 3A

Material of housing: PC+ABS

Specification Parameters

Power supply: AC220V,50/60Hz Accurancy: ±1°C Temperature range: 05°C~45°C Dimension: 86mmX86mmX13mm

Screen Description

 $\P^{\prime\prime}$:Manual function sign, the system only operates according to the temperature set manually.

Image: Heating operation sign, the thermostat is in the output heating state.
() Frogramming mode sign, weekly programming cycle, 6 time periods and the temperature corresponding to each time period are set every day, and the thermostat runs according to the programmed program.

 ${}^{\scriptsize O}$ (${}^{\scriptsize O}$) :Temporary manual mode sign, the temperature can be manually set to switch to the temporary manual state in the programming mode, when the next time period is reached, it will automatically exit the temporary manual mode and continue run according to the programming mode (power off, shutdown, switching mode cannot save the temporature set in the temporary manual state).

Time	Working days (Monday to Friday)		Off Day(Saturday to Sunday)	
Display	Time	Temperature	Time	Temperature
1	06: 00 Get up	20°C	06: 00 Get up	18°C
24	08: 00 Working	18°C	08: 00 Working	20°C
13-4	11: 30 lunch break	15°C	11: 30 lunch break	20°C
14	12: 30 Working	18°C	12: 30 Working	20°C
5-	16: 30 Get off work	20°C	16: 30 Get off work	20°C
101	22: 00 Rest	15°C	22: 00 Rest	15°C

User Operation

- 也: power button:on/off
- M: Model button:Press "M" key to switch between manual function and programming control.
- $^{\scriptsize (O)}$: Clock button: Short press time and week setting, long press 5 seconds time period programming setting.

マム: Temperature adjust button:setting temperature

Time and week setting: In the power - on state, short press the " \bigcirc " button to switch the minute, hour, and week option settings, and press the " \triangle " button or " \heartsuit " button to adjust the parameter value.

Time period programming:In the power-on state, press and hold the " \mathfrak{G} " button for 5 seconds to enter the programming parameter setting interface. Adjustment sequence: the first time period from 1st to 5th week time adjustment \rightarrow the first time period from 1st to 5th week Time temperature adjustment \rightarrow ... \rightarrow Saturday and Sunday timing of the sixth period time adjustment \rightarrow Saturday and Sunday timing of the sixth period time adjustment, press the " Δ " button or " ∇ " button to adjust the temperature or adjust the time parameter value (Time increments or decrements every 15 minutes). After each parameter value (Time increments or decrements every 15 minutes). After each parameter is set, press " \mathfrak{G} " button to switch each option and confirm the setting value. You can also press the "M" button to quickly exit and save.

Key lock function:In the power-on state, press and hold the " \bigtriangleup " button and " \bigtriangledown "

button at the same time for 5 seconds, the LCD screen displays the " $\frac{1}{M}$ " that the child lock function is enabled, and then press and hold the " Δ " button and " ∇ " button for 5 seconds at the same time,the LCD screen key icon Disappears to indicate that the child lock function is turned off.

External probe temperature view:Press and hold the "A" button for 3 seconds to display the floor temperature at the time position, and after 5 seconds it will be displayed before it is restored (optional: this function is only available when the dual sensor is configured).

Sensor failure alarm:When the sensor fails, it will display Err or E1, E2 code alarm and disconnect the heating output, it will not return to normal until the fault is removed. Factory reset: Press and hold the " \odot " and " Δ " keys for 5 seconds in the power - on state. After the full screen is displayed for 1 second, the power - off indicates that the factory reset is successful.

Advanced Options

In the shutdown state, press and hold the "M" and " G " keys for 5 seconds to enter the advanced parameter setting mode. The display 01 indicates the symbol at the time position below, and the display -2 flashes at the indoor temperature position to indicate the parameter value. Press the " Δ " key in the blinking state. Or " ∇ " key to change the parameter value, press "M" key to switch to the next item, after adjusting the parameters, press the power on to automatically confirm and save.

Displays code	Options content	Default	Press " " or " " adjust
01	Temp compensation	-2°C	-9°C~+9°C
02	Start temp difference	1°C	1°C~5°C
03	Sensor type	In	In: Built-in sensor OU: External sensor AL: Internal and external sensors
04	Low temp protection setting		5°C~10°C, press " Δ " at 10°C, display "" means to turned off,the indoor temperature is detected to be lower than the set low temperature in the shutdown state,the thermostat will automatically turn on the heating.
05	High temp protection setting	70	35°C~99°C, press "♥" at 35°C, the display"" means to turn off the function; if the probe detects that the temperature is higher than the set temperature, The heating device will be forcibly shu down. (This function is only available with external sensor power supply)
06	Keylock option	0	0:In locked state, lock the switch key 1:In the locked state, all key locks include the open key
07	Rest day choice	01	01 two-day weekend: 12345 and 67 :Cancel weekly programming 02 one-day weekend: 123456 and 7
08	Backlight selection	0	0: Turn off automatically for 10s 1: always on
09	Temp upper limit	45°C	05°C~99°C,(such as: The default is 45°C, and the maximum temperature can only be adjusted to 45°C when setting the temperature.)
10	Restart the power drop	2	0: power on 1: power off 2: Restore the state before power failure

Installation and Use Precautions

1. The front end of the thermostat system should be equipped with a power control switch or a separate power socket, and the power should be cut off when the controller system is not required to work.

2. Cut off the power supply during installation, configure the power switch, and cut off the power supply when it is not working.

3. The installation location should be about 1.4 m away from the ground, avoid direct sunlight, wind, and heat sources.

4. Connect the circuit according to the wiring diagram of the bottom case. If the controller used does not match the installed installation diagram, please contact the dealer or factory.

5. The load is equipped according to the marked current, and overload is prohibited.

Installation Diagram



Disassemble the main control board: use a 3.5mm wide flat screwdriver to extend to the card slot along the inclined plane



Remove the 4mm in the cable and pry it upwards with a little force to open the card hook



According to the wiring diagram, connect to the terminal and tighten with screws



Connect the LCD board and the power board together with cables

First hang the two hooks on the top at a 30-degree angle, press down the side with a little force to lock the upper shell, and the

installation is complete

Screw the controller base plate

to the back cover on the wall.

Wiring diagram



1:Normally closed 2.Normally open 3:N line 4:L line A/B:connect to the linkage with other components

Warning: Wiring must be properly wired according to the electrical wiring diagram. Do not put water, mud and other impurities into the thermostat, otherwise the device will be damaged!