

Senso Lite

HEATMANN

Wireless Digital Room Thermostat



Smart control.
Perfect comfort.

Product Description

The Heatmann Senso Neo WiFi is a wireless digital room thermostat designed for precise control of electric and hydronic heating systems.

It features a clear E-ink display, intuitive touch buttons, and supports heating and cooling modes with flexible weekly scheduling.

Wireless installation and built-in energy-saving functions make it a reliable and efficient solution for modern homes and light commercial spaces.

Functions

- E-ink display can be clearly read
- Easy to fit thermostat and receiver.
- Touch button make it easy to use.
- Heat mode & cold mode
- 4 periods of each day programmable (from app)
- Temperature display in degrees Celsius.
- The thermostat is supplied with a wall-fixing frame, base and a very compact receiver (surface-mounted).



Technical Specifications

Thermostat operating voltage:	Lithium battery power supply or 5V/1A Type C
Frequency:	868 MHz
Switching options:	7 days, 4 periods each day
Temperature settings:	5°C ~ 35°C, 0.5°C increments
Accuracy:	± 0.5

Thermostat dimensions:	Surface mounting 80*80*12mm
Color:	White/Black
IP protection rating:	20
Certification:	CE, RoHs, RED

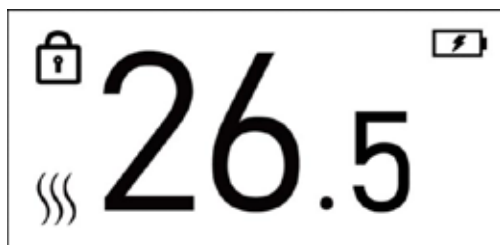
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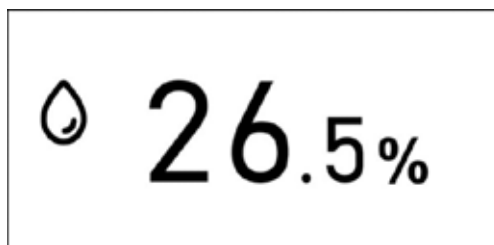
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Display Layout

Default screen (show room temp.)

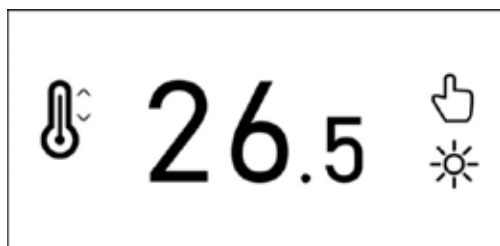


Humidity screen (show humidity)



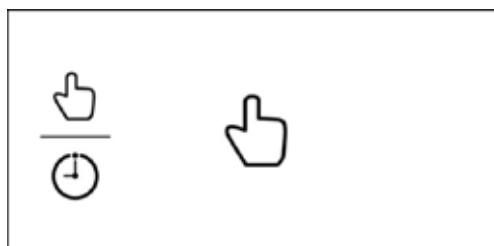
Desired set-point change

Press button to below page, by pressing and button to set desired room temp.



Mode Select

Press button to below page to select Manual Mode or PRG mode .



Code Pairing

- 1) Make the corresponding channel of wiring center to enter pairing status
- 2) Keep thermostat on, and long press and buttons for 5s to enter connecting page, then press button to enter pairing mode
- 3) Wait for a while, LED on wiring center stops flickering. Code pairing done.



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Parameter Setting

Long press  button for 5s to turn off thermostat, then long press  button 5s to enter parameter setting page, each press of  button will go to next menu. You can change values by pressing  and  button. After setting, long press  button to exit.

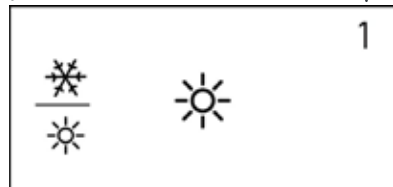
Menu	Description	Range	Default Value
1	Heat & Cold mode select	Heat Mode Cold Mode	Heat Mode
2	Temp. calibration	-8 °C ~8 °C	0 °C
3	Set Point Max.	5 °C ~ 35 °C	35 °C
4	Set Point Min.	5 °C ~ 35 °C	5 °C
5	Frost Protection Temp.	OFF 5 °C ~ 15 °C	5 °C
6	Switching Differential	0 ~ 3 °C	0 °C
7	Screen color select	White or Black	White
8	Child Lock	1: Lock 0: Unlock	0
9	Open window detect function	ON OFF	OFF
10	OWD Detect Time	2 ~ 30mins	15 mins
11	OWD Drop temp. select (within detect time)	2 °C.3 °C.4 °C	2 °C
12	OWD Delay time select (Return to previous working status)	10 ~ 60min	30 mins
13	Battery Power indication	Read Only	
14	Software Number	Read Only	
15	Factory reset	Set to REST, then long press  button to activate	

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Heat Mode (winter mode) and Cold mode (summer mode) select:

This feature is used to switch working mode in summer and in winter.

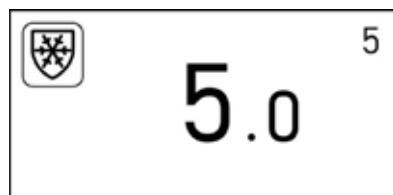
In summer, user can choose cold mode , in winter, you can choose heat mode  (default).



Frost Protection:

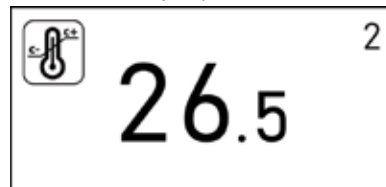
This is the temperature maintained in Frost Protection Mode (see Menu 5).

If the room temperature drops below 5 °C (default), the thermostat turns on heating until it reaches 5 °C.



Temperature Calibration:

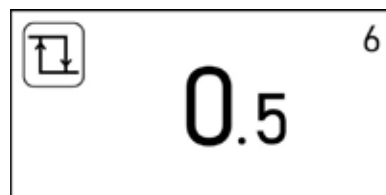
This feature calibrates the thermostat's temperature display when it differs from the actual room temperature (see Menu 2). For example, if the room is 21.5 °C but the thermostat shows 23 °C, set the value to -1.5 to display 21.5 °C.



Switching Differential:

This function adjusts the thermostat's switching differential (see Menu 6).

At 0 °C (default), heating turns on at 19.5 °C and off at 20.5 °C for a 20 °C setting. With a 0.5 °C differential, it turns on at 19 °C and off at 21 °C.



Child Lock:

Under child lock ON (see Menu 8), the buttons will lock once backlight off.

Press  button for 5s to unlock it for temporary adjust.

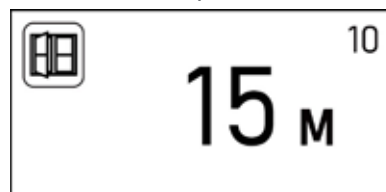
Open Window Detection(OWD) Function:

When Open Window Detection is enabled (see Menu 9), heating stops if the temperature drops suddenly (default: 2 °C in 15 minutes; Menus 10 & 11), usually due to an open window or door. The thermostat returns to the previous mode after 30 minutes (Menu 12), then  disappears. Press any button to exit OWD during heating-off.

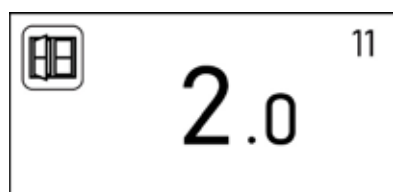
Enable or Disable open window detection function (menu 9)



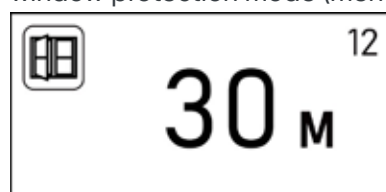
Default screen (show room temp.)



Humidity screen (show humidity)



Choose the time to exit open window protection mode (menu 12)



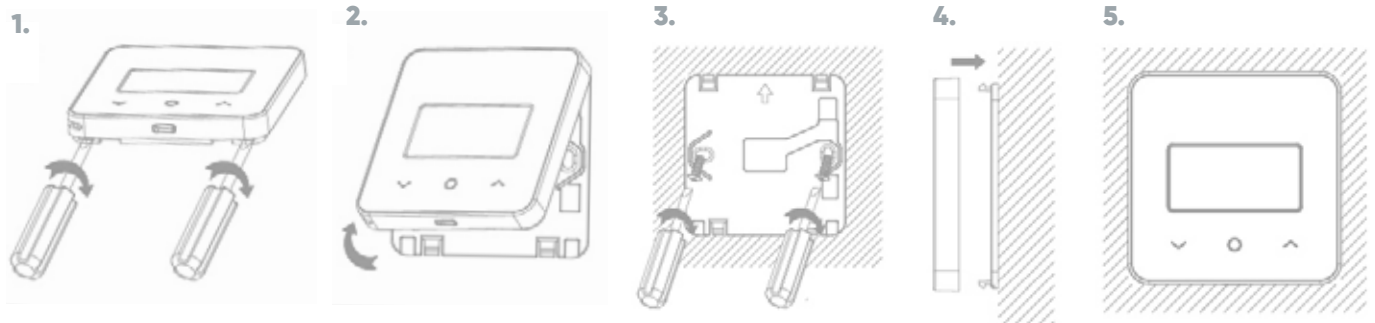
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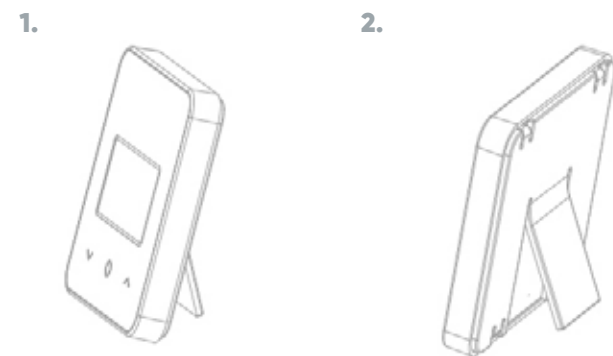
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Installation

Wall Installation



Stand on desk



Dimensions

