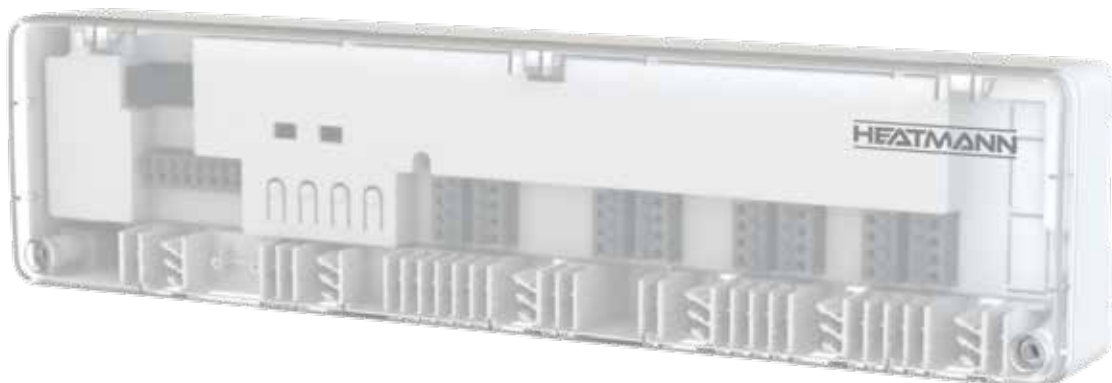


Senso Hub

HEATMANN

Wireless and Wired 8 Zones Wiring Centre



Smart control.
Perfect comfort.

Wireless

Product Description

The wireless Heatmann Senso Hub is a wireless 8-zone wiring centre designed to centrally control underfloor heating systems with multiple room thermostats.

It supports up to 8 wireless thermostats and 16 thermal actuators, while also providing integrated control of the boiler and circulation pump.

With flexible delay settings, clear LED indicators, and convenient installation options, the Heatmann Senso Hub ensures reliable and efficient multi-zone heating management.

Functions

- Can work up to 8 room thermostats
- Can work up to 16 thermal actuators
- Boiler and Pump delay time settable
- Convenient wiring and installation

Technical Specifications

Power Supply	230 VAC, 50/60 Hz
Heat Pump Output	230Vac output
Frequency	868Mhz (wireless only)
Boiler Output	Voltage-free output

Wired

Product Description

The wired Heatman Senso Hub is a central wiring centre designed to manage multi-zone underfloor heating systems using wired room thermostats.

It supports up to 8 heating loops controlled by 8 wired thermostats and can operate up to 19 thermal actuator valves.

In addition to zone control, the unit provides integrated control of both the boiler and the circulation pump, ensuring reliable, efficient, and coordinated heating operation across the entire system.

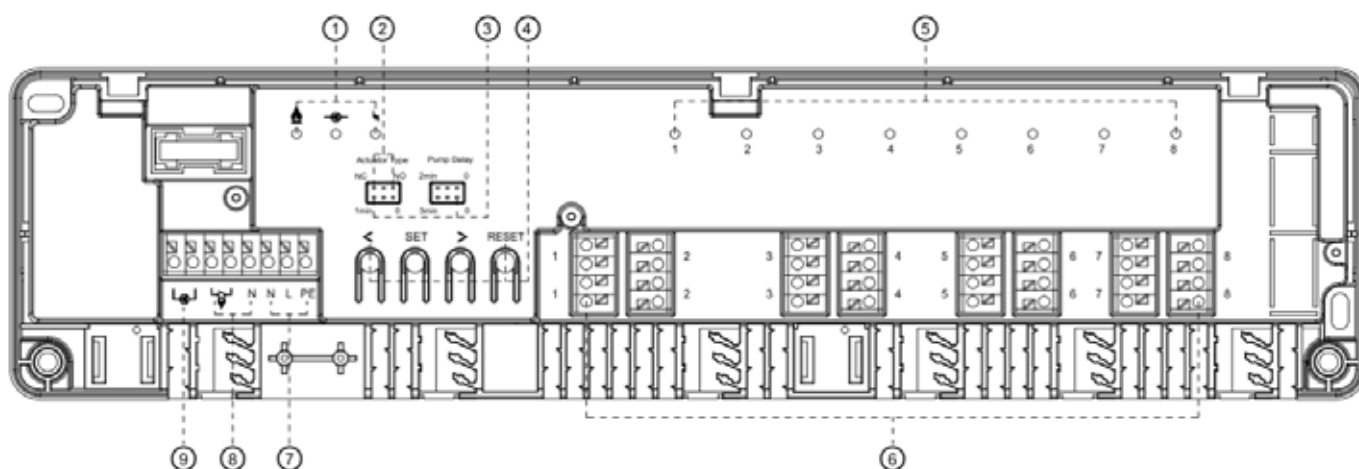
Functions

- Can work up to 8 room thermostats
- Can work up to 19 thermal actuators (zone 1 max. 4, zone 2 max. 3, other zones max. 2 each)
- Convenient wiring and installation

Max. Current	5A for each output
Dimensions	Surface mounted 360mm x 88mm x 47.5mm.
Certification	RoHS/RED

Wireless 8 Zones Wiring Centre

Connection and indicators



- | | |
|---|---|
| 1. Boiler working LED indicator | 5. Zone 1 ~ Zone 8 LED indicator |
| Pump working LED indicator | 6. Zone 1~ Zone 8 thermal actuator connectors |
| 230V Power LED indicator | 7. 230V connector |
| 2. Actuator NO/NC select | 8. Boiler connector |
| 3. Pump and Boiler delay minutes setting | 9. Pump connector |
| 4. Increase & Decrease setting button
SET button (ID paring)
Reset button | |

Actuator Type and Delay Time Setting

The pump and boiler delay time can set from 0~6 minute by bridge jumper as below picture.
The valve type can choose between NO and NC type as picture. Please adjust accordingly to needs.

0 min.	NC NO 2 min 0	4 min.	NC NO 2 min 0
1min 0	3 min 0	1min 0	3 min 0
1 min.	NC NO 2min 0	5 min.	NC NO 2min 0
1min 0	3min 0	1min 0	3min 0
2 min.	NC NO 2min 0	6 min.	NC NO 2min 0
1min 0	3min 0	1min 0	3min 0
3 min.	NC NO 2min 0	Value Type	
1min 0	3min 0		

Wireless 8 Zones Wiring Centre

Code Pairing

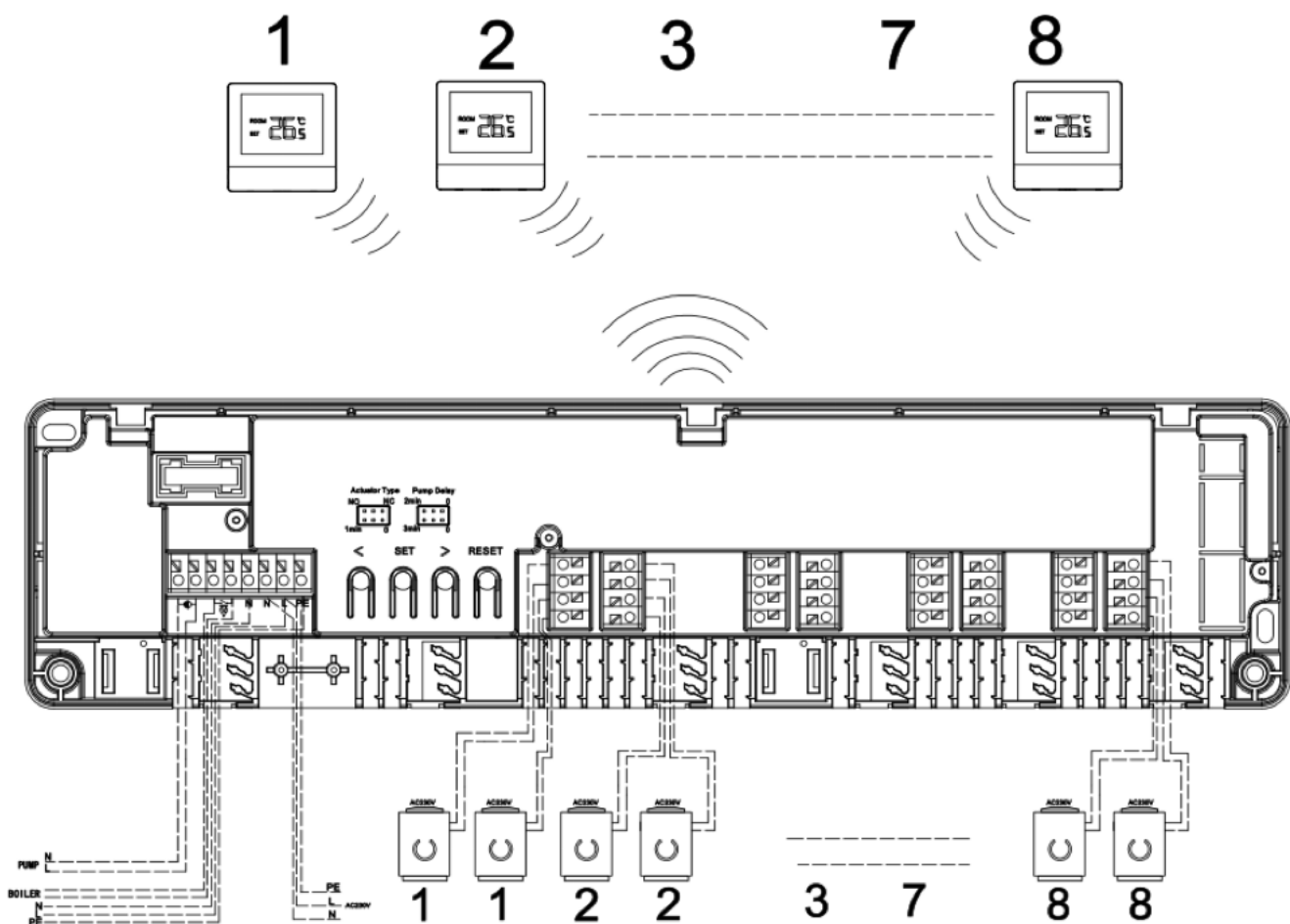
1. Press Left/Right button to select the channel you are going to pair, (8 zones corresponding to 8 LEDs, each 4 terminals=2 actuators for one zone, if you want to group several zones, just pair those zones to one thermostat), the LED will start flash;
2. Then press SET button to confirm, LED will flash quickly, means waiting for pairing;
3. Please make the sender to enter the code pairing mode refer to its instruction;
4. Once the code pairing done, the LED will stop flash and always light;
5. If any mistakes, you can clear the code pairing by below;
 - a) Press Left/Right button to select the channel, LED start flash
 - b) Press RESET button for 2s

Factory Reset

Press and hold Left and Right button at the same time for 5s, all LED lights, then release the button to finish factory reset.

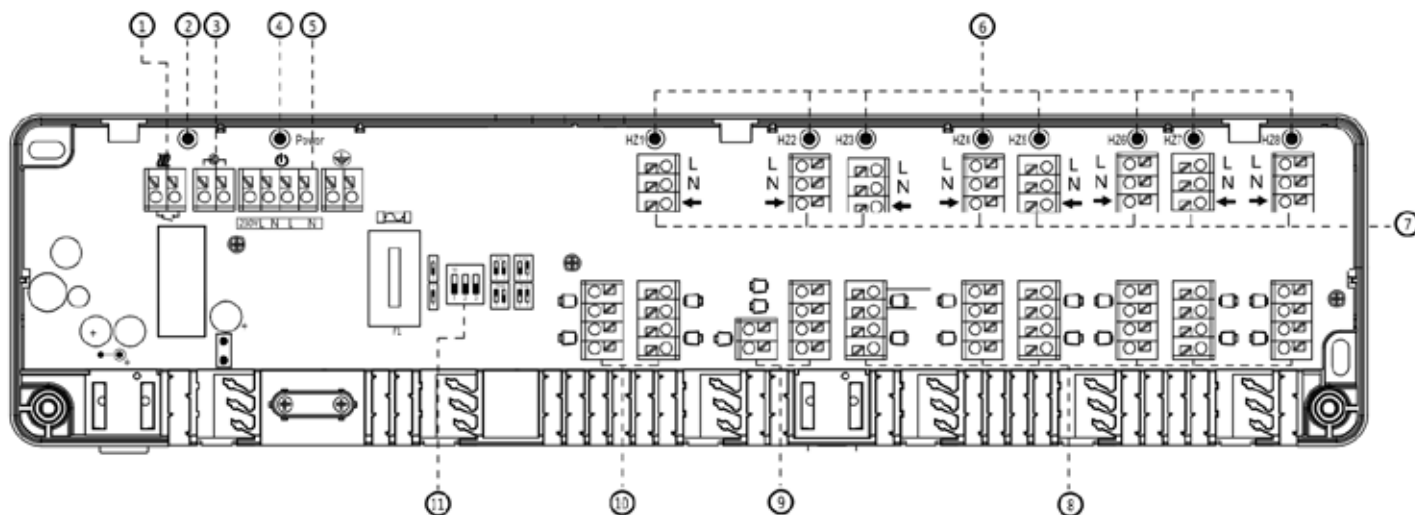
Wiring Diagram

Press and hold Left and Right button at the same time for 5s, all LED lights, then release the button to finish factory reset.



Wired 8 Zones Wiring Centre

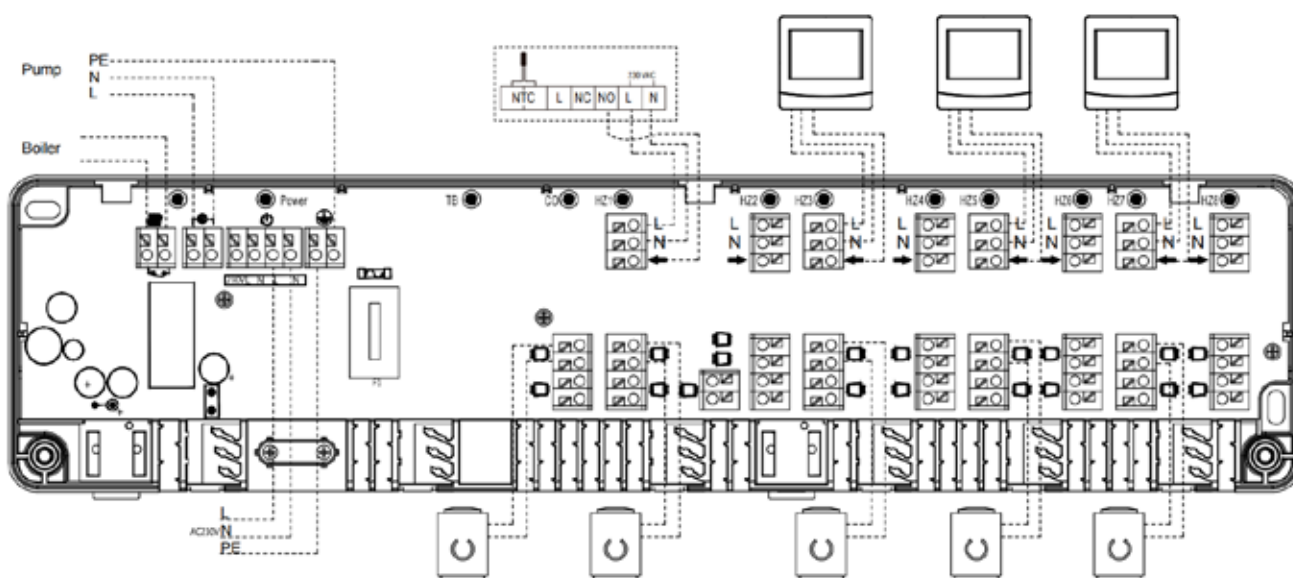
Connection and indicators



- | | |
|----------------------------------|--|
| 1. Boiler connectors | 6. HZ1~HZ8 Working LED indicator |
| 2. Pump and boiler LED indicator | 7. HZ 1~HZ 8 Thermostat connectors |
| 3. Pump connectors | 8. HZ3~HZ8 Thermal actuator connectors (Max. 2 each) |
| 4. Main power LED indicator | 9. HZ2 Thermal actuator connectors (Max. 3) |
| 5. Main power connectors | 10. HZ 1 Thermal actuator connectors (Max. 4) |

Wiring Diagram

To connect the power supply, the cross-sections of the cables must be at least 1.5 mm² for 230 V.



Wireless and Wired 8 Zones Wiring Centre

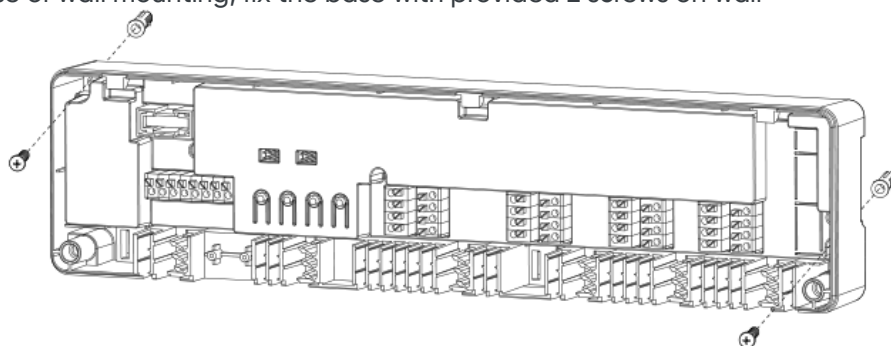
Installation

1. Loosen the screw and remove the cover

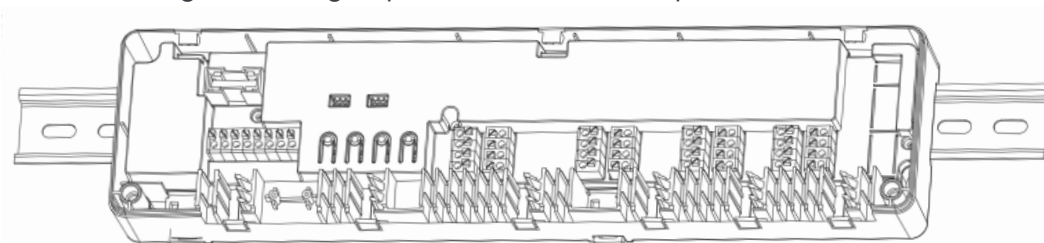


2. Install the base.

In case of wall mounting, fix the base with provided 2 screws on wall



In case of using a mounting strip, choose a suitable strip (DIN rail)



3. Make the electrical connection. Fit the cover

Dimensions



Front view



Side view