



IMI Heimeier



neoHub Mini HW

Table of contents

Installation procedure	4
neoHub Mini HW explained	6
neoHub Mini HW outputs.....	7
Pairing the neoAir to the neoHub Mini HW.....	8
Pairing the neoHub Mini HW to your WiFi.....	11
Wiring diagram - 1 or 2 heating zones.....	12
Wiring diagram - 1 or 2 heating zones and HW.....	13
Individual output reset (CH1, CH2, HW).....	14
Factory reset.....	14
Notes	15

Installation procedure

This wireless thermostat is designed to be surface mounted.

Step 1

Using a small screwdriver, slightly loosen the screws located at the base of the neoHub Mini HW. You can then carefully separate the front panel from the back plate.

Step 2

Feed the cables up through the knockout sections and use the cable clamps to secure in place, alternatively remove the knockout sections in the back plate and feed the cables through the back.

Step 3

Terminate the cables to the hub according to your system type, examples are shown in the wiring diagrams at the back of this manual.

Step 4

Mount the front panel onto the back plate, tighten the retaining screws on the base. Switch on the power supply, the power light will illuminate.

1



2



3



4



neoHub Mini HW explained

CH1, CH2 and HW

Output status lights

● Output ON

● Pairing mode

● Output overridden ON

● Fail-safe ON

● Reset

Power/WiFi status LED

● Not connected to WiFi

● Connected to WiFi

● Connected to Cloud server



Zone Pairing/Override buttons

Press and hold to enable pairing mode.
Single press to override output on/off.

Power/Pair/Reset button

Press and hold for 15 seconds to
factory reset.

neoHub Mini HW outputs

The neoHub Mini HW gives you control for 1 or 2 heating zones plus the option of controlling domestic hot water.

To control heating and hot water, configure the neoAir in mode 3. Then pair the neoAir to the heating zone CH1.

The hot water output will automatically pair at the same time, there is no need to pair the HW output separately.

To control heating only, configure the neoAir in mode 1, then pair the neoAir to either the CH1 or CH2 heat outputs.

Pairing the neoAir to the neoHub Mini HW


On the neoHub Mini HW...

Press and hold the CH1 or CH2 button for 6 seconds.

The zone light on the hub will flash green to indicate pairing mode is active, example shown below pairing to CH1;





On the neoAir...

- Use the Left/Right keys to scroll to 
- Press and hold the Tick key for 3 seconds to turn off the display.
- SETUP is now highlighted, press the Tick key once.
- The display will show a small 01 in the top right hand corner.
- Press the Tick key once again to start the paring process, the display will appear as shown below;



Once the neoAir has successfully paired to the neoHub Mini, the zone light on the hub will turn off.

On the neoAir, navigate to  and press Tick key to turn on the main thermostat display, which will now show  in the top left corner.

Repeat the process for pairing any additional zones.

To test the neoAir is switching the output on/off, use the Up/Down keys to raise the set temperature above the current room temp, press the Tick key once.

The flame symbol will appear and the zone on the hub will switch on.

Use the Up/Down keys to lower the set temp then press Tick once to turn the output off.

Pairing the neoHub Mini HW to your WiFi

Download the IMI Heimeier neoApp to your smartphone or tablet.
Sign in with an existing account or register a new account.

Once signed in, select 'Add neoHub' and select the neoHub Mini.

Press the Power/Pair button once on the hub, the power light will now flash red.

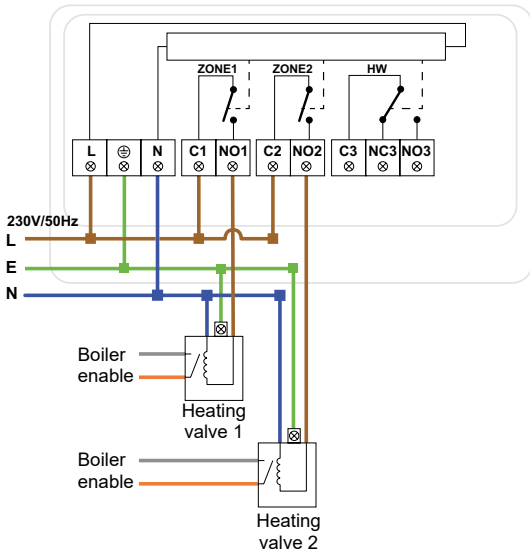
Go to your WiFi settings on your smartphone or tablet, select the neoHub Mini WiFi connection.

Once connected to the hub's WiFi, go back into the neoApp to configure the hub to your WiFi network.

The neoApp will guide you through this process step by step.

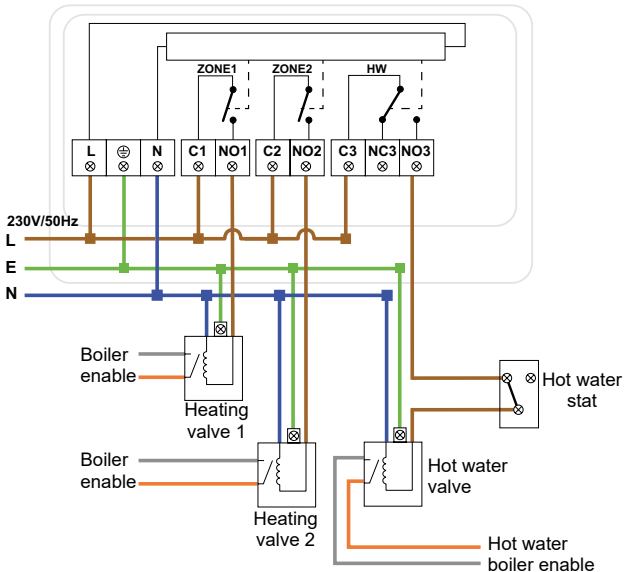
Once it's all connected, you can re-title your zones in the app and take full control of your heating system.

Wiring diagram - 1 or 2 heating zones



This product must only be installed by a qualified electrician and comply with local installation regulations.

Wiring diagram - 1 or 2 heating zones and HW



This product must only be installed by a qualified electrician and comply with local installation regulations.

Individual output reset (CH1, CH2, HW)

To reset CH1, CH2, HW and remove the thermostat paired to that output, press and hold the CH1, CH2 or HW button, the red light will flash 3 times, then release the button.

(The neoAir controlling the HW output also controls one of the heating outputs, which means resetting HW will also remove the thermostat paired to the heating output (CH1 or CH2).

Factory reset

Warning - This reset will remove any thermostats that have paired and will also reset the WiFi connection settings. You will have to reconfigure these after resetting.

To reset all settings stored in the neoHub Mini;

Press and hold the Power/Pairing button for 15 seconds.

The CH1, CH2 and HW lights will start flashing.

Once the lights have stopped flashing, the hub will show the red power light only. Factory reset has completed.

Now pair your thermostats to the hub and reconfigure the WiFi settings as explained earlier in the manual.

Notes

This image shows a full page of white paper with horizontal dashed lines, typical of primary school writing paper. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

Hereby, IMI declares that the radio equipment type (designation of type of radio equipment) is in compliance with Directive 2014/53/EU.
RF frequency: 868 MHz -6.83 dBm, 2.4 GHz 7.09 dBm.

We reserve the right to introduce technical alterations without prior notice.

