

XBNeBr - Setting up control system, Boiler system, neoAir battery wireless thermostats

SETTING UP NeoAir THERMOSTATS

The thermostat is supplied with factory default settings.



To set the clock:

- With the thermostat on, use the <> arrows to scroll to CLOCK.
- Press ✓ to confirm selection.
- Use the ^ V arrows to set the hours (24 hour format).
- Press ✓ to confirm selection.
- Use the ^ V arrows to set the minutes
- Press ✓ to confirm selection.
- Use the <> arrows to set the day.
- Press ✓ to confirm selection and return to the main display.

PAIRING THERMOSTATS WITH THE UH8RF WIRING CENTRE

On the UH8RF wiring centre, take note of the number set on the rotary switches (UH8RF ID number 01-99). Each UH8RF on the system needs to have a different ID number.

- Set the first UH8RF to ID = 01.

Example: Rotary switches showing ID 01



At the thermostat:

- Use the <> arrow keys to scroll to SETUP and press the ✓ key once.
- The display will now show 01 in the top right hand corner.
- Press the V key twice so that P2 shows on the display.
- Press ✓ once.
- Use the <> arrow keys to set the large digits to the ID Number of the UH8RF. This is the number set on the UH8RF rotary switches (You must set a different ID Number on every UH8RF installed).
- Press ✓ once. Small digits in the top right hand corner of the display will now flash.
- The UH8RF is an 8 zone receiver. Use the ^ V buttons to select the zone this thermostat should be linked to.
- Press ✓ to select zone type (Radiators or Underfloor Heating).
- Use the ^ V buttons to select either: RA = Radiators or UF = Underfloor Heating.

SETTING UP REMOTE SENSORS (if required)

- With the thermostat on, use the <> arrows to scroll to SETUP.
- Press ✓ to confirm selection.
- Use the ^ V arrows to scroll through features to reach Feature 06 (Sensor selection).
- Use the <> arrows to set the required Sensor Option:
 - 00 Built-in air sensor
 - 01 Remote air sensor
 - 02 Remote floor sensor only
 - 03 Built-in air sensor and remote floor sensor
- Press ✓ to confirm the selection.
- Use the ^ V arrows to scroll through features to reach Feature 07 (Floor temperature limit).
- Use the <> arrows to set the required floor limit temperature to the value required by the floor covering supplier.
- Press ✓ to confirm the selection.



Error Codes

- E0: The internal sensor has developed a fault.
- E2: The remote sensor has not been connected, is mis-wired or has developed a fault.

SETTING UP the optional NeoULTRA as a HOT WATER TIMER

The optional neoUltra is pre-configured as a timer for domestic hot water, no setting up is required.

PAIRING UH8RF WIRING CENTRES TO RF SWITCH (IF SUPPLIED)

The RF Switch (option) permits wireless control of the boiler, both for heating and for domestic hot water.

Follow this procedure for every UH8RF wiring centre:

- On the RF-Switch, press and hold the Boiler pairing button for 5 seconds.
- The Boiler status LED will switch on.
- Press and release the pairing button on the UH8-RF.
- When the RF Switch detects the pairing signal from the UH8-RF, the Boiler LED will switch off, pairing is complete.

TEST that the pairing has been successful:

- Set the BOILER RF TEST switch in the UH8RF to ON.
- The UH8-RF sends a repeating on/off signal to the RF Switch, shown by the Boiler LED on the RF Switch flashing slowly.
- After testing, the BOILER RF TEST switch MUST be left in the OFF position.

PAIRING AN ADDITIONAL NEOAIR THERMOSTAT TO A SECOND RF SWITCH (IF SUPPLIED) FOR CONTROL OF A RADIATOR ZONE VALVE (NOT SUPPLIED)

A second RF Switch permits wireless control of a radiator zone valve, so that a wireless neoAir thermostat can be used to control a single radiator zone.

Follow this procedure:

- On the additional neoAir thermostat, use the Left/Right arrow keys to scroll to SETUP and press Tick key once.
- The display will show 01 in the top right hand corner.
- Press the Down arrow key once. The display will now show P1.
- Press Tick again to start a 99 second countdown.
- On the second RF-Switch, press and hold the CH1 pairing button for 5 seconds.
- The CH1 status LED will flash until pairing is established, then release the CH1 button.

Underfloor Heating Control System
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