

## XPbL - Setting up control system, push button low voltage thermostats

### SETTING UP PUSH BUTTON THERMOSTATS



The thermostat is supplied with factory default settings.

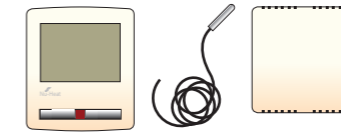
To set the clock:

- With the thermostat on, press **⏻** twice and use the **▲/▼** keys to set the minutes.
- Press **H** to accept. Use the **▲/▼** keys to set the hours. Press **H** to accept.
- Use the **▲/▼** keys to set the day. Press **A** to store and exit. The clock is now set.

To set 'Comms' numbers (required if thermostats are networked):

- With the thermostat off, press **⏻** for 3 seconds.
- The LCD display will show a small number (Feature number) and a large number (Feature setting).
- Press **⏻** repeatedly to proceed to Feature 06, Comms#.
- Each thermostat must be set to a different two digit Comms number, starting at 01.
- Use the **▲/▼** keys to set the comms number.
- Record the Room location for the thermostat in the table below.
- Press **A** to store and exit.

### SETTING UP REMOTE SENSORS (if required)



With the unit powered up:

- Press **⏻** to turn the unit off.
- Press **⏻** for three seconds to enter programme mode.
- The small number is the feature number, the large number is the setting value.
- Scroll through to Feature 8 (sensor mode) using the **⏻** button.
- Use the **▲/▼** buttons to set sensor mode to
  - 01 = Remote air sensor
  - 02 = Floor sensor only
  - 03 = Floor and internal air sensor
  - 04 = Floor and remote air sensor.
- Press **A** to return to normal operation, this saves your settings.

Set the floor limit temperature in the configuration options (Feature 9) to the value required by the floor covering supplier.

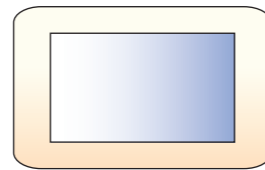
Error Codes

- E1: Remote floor sensor disconnected
- E2: Remote air sensor disconnected

Comms. No.	Room name	Comms. No.	Room name	Comms. No.	Room name	Comms. No.	Room name
1		9		17		25	
2		10		18		26	
3		11		19		27	
4		12		20		28	
5		13		21		29	
6		14		22		30	
7		15		23		31	
8		16		24		32	

## Systems PbLC, PbLi, PbLCi: Additional networking equipment

### SETTING UP THE REMOTE TOUCH SCREEN CONSOLE (if fitted)



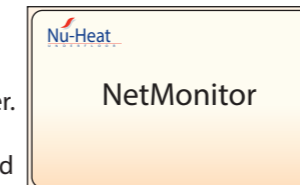
- Ensure that all the low voltage thermostats have been set up as above.
- Switch on the Touch Screen console (hold the probe on the screen for more than 5 seconds).
- IF this is the first scan, at the initial Network Scan screen press the Scan button.
- OR if the Main Menu is already showing, press Options > Setting > Network > Scan.
- A blue box indicates successful detection, a red box indicates no thermostat has been found at that address.
- Check that the right number of thermostats has been detected, up to 32 can be connected.
- Enter the Communications number to select a thermostat.
- Enter an appropriate Name for the thermostat (up to 13 characters) from the table above.
- To enter digits in a name first press the 123 button.
- Repeat for all thermostats and press Done to save all changes.

### SETTING THE CLOCK

- Press the Options TAB > Clock
- Set the current time and date and select whether the Touchpad should observe GMT Correction.

Information on all other features of the Touch Screen Console is contained in the Nu-Heat User Guide.

### SETTING UP THE NETWORK CONTROL MODULE (if fitted)



The setting up of this unit will normally be undertaken by the end-user.

Information on all features of the Network Control Module is contained in the Nu-Heat User Guide.

## Underfloor Heating Control System

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