

NEO Programmable Room Thermostat

User Guide

Current Time

Current Day

Neo Hub Connected Symbol

Heating on symbol

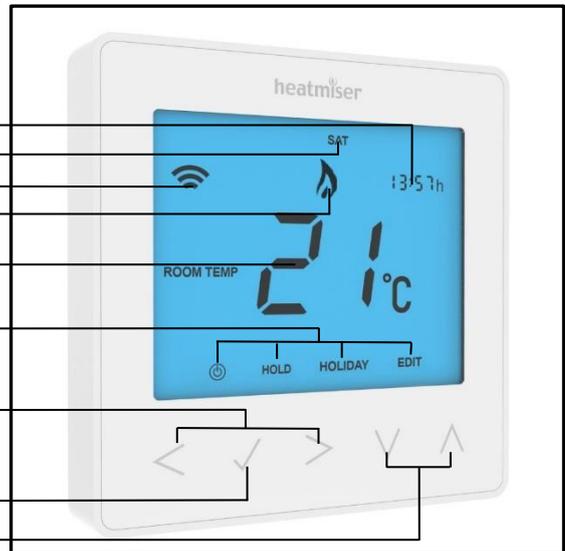
Current Room Temperature

Menus/Options

Scroll left/right

Select/Accept

Scroll Up/Down



What is a NEO programmable room thermostat?

A programmer allows you to set “On” and “Off” periods to suit your own lifestyle. A room thermostat works by sensing the air temperature, switching on the heating when the air temperature falls below the thermostat setting, and switching it off once this set temperature has been reached.

So, a programmable room thermostat is both in one and lets you choose what times you want the heating to be on, and what temperature it should reach while it is on. It will allow you to select different temperatures in your home at different times of the day (and days of the week) to meet your particular needs. Turning a programmable room thermostat to a higher setting will not make the room heat up any faster; neither does the setting affect how quickly the room cools down. The way to set and use your programmable room thermostat is to find the lowest temperature settings that you are comfortable with at the different times you have chosen, and then leave it to do its job. The NEO part of this programmable thermostat means it is compatible with your portable smart device (e.g. iPhone or Android) and links through a network to give you full control on the go, even from the other side of the globe.

Setting the Clock

To set the clock, follow the steps below:

Press the ◀▶ keys to select .

Press ✓ to confirm.

Press the ◀▶ keys to select ‘CLOCK’.

Press ✓ to confirm.

You are now able to set the hour using the △▽ keys (24 hour format).

Press ✓ to confirm.

You are now able to set the minutes using the △▽ keys.

Press ✓ to confirm.

You are now able to set the day using the △▽ keys.

Press ✓ to confirm and return to the main display.

Setting your temperature comfort levels

The Thermostat provides individual day programming for each day of the week. To program your set temperature periods:

Press the ◀▶ keys to select 'EDIT'.

Press ✓ to confirm. A day or section of the week will display flashing

Using the ◀▶ keys select the day or section of the week you wish to edit.

Press ✓ to confirm. 'WAKE' will now flash and the current time and temperature setting for this part of the day will be shown.

Press ✓ to change the 'WAKE' settings.

Use the Δ∇ keys to set the hours

Press ✓ to confirm.

Use the Δ∇ keys to set the minutes

Press ✓ to confirm.

Use the Δ∇ keys to set the temperature desired

Press ✓ to confirm the settings.

Press the ▶ key. 'LEAVE' will now flash and the current settings displayed

Press ✓ to change the 'LEAVE' settings.

Repeat the steps above to set the hours, minutes and temperature desired and for the 'LEAVE', 'RETURN' and 'SLEEP' settings.

Once all the changes have been made, use the ◀▶ keys to select 'DONE'.

Press ✓ to confirm and return to the main display.

Note: Any times that are not required can be set as "--:--". The thermostat will ignore these time settings.

Set-back: For 'LEAVE' and 'SLEEP' times we recommend setting the temperature no more than 3 – 4 degrees lower than the 'WAKE' and 'RETURN' periods so the heating will turn off (saving fuel) but you will not lose too much heat from the building by the time it next comes on, allowing satisfactory warm-up response times.

Temperature Adjustments (Manual Override)

The override facility allows you to adjust the desired temperature in your home without the need to fully re-program the thermostat. Using the Δ∇ arrow keys allows you to adjust (override) the set temperature. When you press either of these keys, you will see the word SET and the desired temperature. Press up or down to reach required temperature. Press ✓ to confirm and return to the main display.

This new set temperature will be maintained until the next programmed setting.

Temperature Hold

For one off occasions when you require to override the set temperature for a number of hours

Press the ◀▶ keys to select 'HOLD'.

Press ✓ to confirm.

Press the Δ∇ keys to set the desired hold period.

Press ✓ to confirm.

Press the Δ∇ keys to set the desired hold temperature.

Press ✓ to confirm.

You will see the 'HOLD LEFT' indication is displayed which will countdown the hold duration

To cancel, follow the above steps and reduce the Hold time to 00:00 hours

After the hold period, the thermostat will revert back to the normal program setting

Holiday Mode

The Thermostat has a holiday function. This allows you to enter a holiday period during which time the thermostat will maintain the frost set temperature at 12°C saving fuel and energy whilst protecting your house from frost and damp. At the end of your holiday, the thermostat will revert back to the programmed setting ensuring that your home is warm on your return

Press the ◀▶ keys to select 'HOLIDAY'.

Press ✓ to confirm.

Press the Δ∇ keys to set the number of days you are to be on holiday.

Press ✓ to confirm.

The Thermostat will show 'HOLIDAY LEFT' and count down the number of days left of the holiday. To cancel, repeat the above steps reducing the Holiday duration to 00 days.

Frost Protect Mode



Press the ◀▶ keys to select the power symbol .

Press ✓ to toggle the frost setting ON/OFF.

In this mode, the thermostat will display the frost icon and will only turn the heating on should the room temperature drop below 12°C. To cancel the frost protect mode, press the power button once

Locking the thermostat (Tamper-proof)

The thermostat has a key-lock facility. To enable follow these steps:



Press the ◀▶ keys to select 'HOLD'.

Press ✓ key for 10 seconds.

The display will show 00:00 and you need to enter a 4 digit pin number.

Press the Δ∇ keys to set the first two digits.

Press ✓ to confirm.

Press the Δ∇ keys to set the second two digits.

Press ✓ to confirm.

The display will return to the main screen and show the locked keypad symbol.

To unlock the thermostat follow these steps:

Press ✓ key once and the display will show 00:00 and you will need to enter the 4 digit pin number you set previously.

Press the Δ∇ keys to set the first two digits.

Press ✓ to confirm.

Press the Δ∇ keys to set the second two digits.

Press ✓ to confirm.

The thermostat will unlock and return to the main screen.

To connect your thermostat to your Neo Hub and portable device please refer to our Neo Hub simplified manual.