

Contents

1. Factory default settings
2. Specifications & wiring
3. Mounting
4. Installation
5. Frost protection
6. LCD symbol / buttons description
7. Resetting the thermostat
8. Keypad lock and unlock
9. Setting the date, time and operating mode
10. Factory program settings
11. Adjusting the program settings for 5/2d
12. Copy Function
13. Temporary override
14. Permanent override
15. Boost function
16. Holiday function
17. To connect the RFRP thermostat to an RF1A receiver
18. To disconnect the RFRP thermostat from an RF1A receiver
19. Backlight mode selection
20. Battery low warning
21. Replacing the batteries



CAUTION!

The thermostat must not be left unsupervised when open. (Prevent non specialists and especially children from gaining access to it.)

Only qualified electricians or authorised service staff are permitted to open the thermostat.

If the thermostat is used in a way not specified by the manufacturer, its safety may be impaired.

Important: Keep this document



Prior to setting the thermostat, it is necessary to complete all required settings described in this section.

1. Factory default settings



Temperature indicator:	°C
Switching differential:	0.4°C
In built frost protection:	5°C - Not adjustable
Clock:	24 hours
Keypad lock:	Off
Operating mode:	5/2 day

2. Specifications & wiring

Power supply:	2 x AA Alkaline Battery
Power consumption:	2 mW
Battery replacement:	Once a year
Temp. control range:	5 ... 35°C
Ambient temperature:	0 ... 50°C
Dimensions:	130 x 99 x 25mm
Temperature sensor:	NTC 10K Ohm @ 25°C
Temperature indication:	°C
Switching differential:	0.4°C
Frost protection:	Only operational in OFF mode

3. Mounting

The mounting height should be 1.5 meters above the floor level.

The thermostat should be wall mounted in the room where the heating is to be controlled.

The place of installation should be chosen so that the sensor can measure the room temperature as accurately as possible.

Choose the mounting location to prevent direct exposure to sunlight or other heating / cooling sources when mounted.

- The unit can be fitted to:
1. Recessed conduit boxes.
 2. Directly on walls.
 3. Table mounting with stand provided.

4. Installation

Lower the flap at the front of the thermostat.

There is a battery compartment located below the buttons.

Using your 2 thumbs, apply pressure and pull downwards to remove the cover.

Insert the 2 x AA batteries and the thermostat will turn on.

Close the battery compartment.

5. Frost protection



5°C

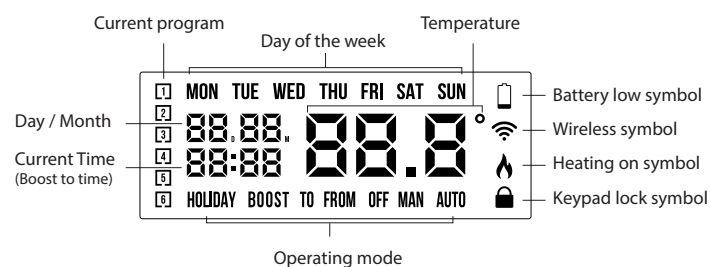
Frost protection is built into this thermostat.

It is pre fixed at 5°C and is not adjustable.

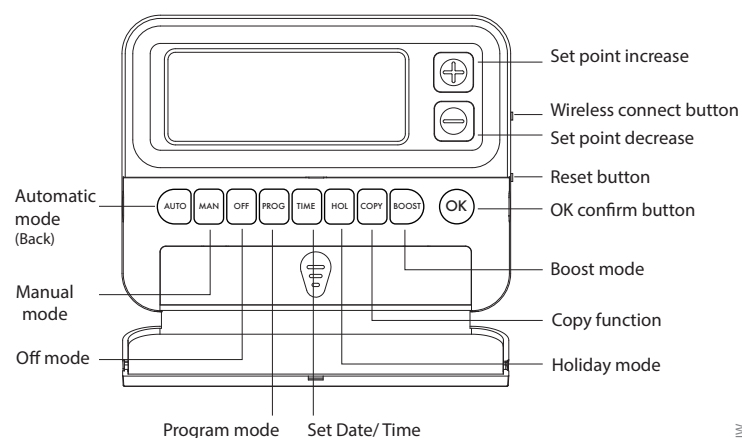
It will only be activated when the thermostat is in the OFF mode and the room temperature falls below 5°C.

6. LCD Symbol / button description



6.1 LCD Symbol description









6.2 Button description















7. Resetting the thermostat

It is necessary to reset the thermostat prior to initial programming.
 Press the  button on the side of the thermostat.
 'rst no' will appear on the screen.
 Press the  button.
 'rst yes' will appear on the screen.
 Press the 'OK' button to reset the thermostat.


8. Keypad lock and unlock OFF

To lock the keypad, press and hold the  and  buttons for 10 seconds.
 will appear on the screen. The keypad is now locked.
 To unlock the keypad, press and hold the  and  buttons for 10 seconds.
 will disappear from the screen. The keypad is now unlocked.

9. Setting the date, time and operating mode

Press the 'TIME' button once, the day will begin flashing.
 Press the  or  buttons to adjust the year. Press the 'OK' button.
 Press the  or  buttons to adjust the month. Press the 'OK' button.
 Press the  or  buttons to adjust the day. Press the 'OK' button.
 Press the  or  buttons to adjust the hour. Press the 'OK' button.
 Press the  or  buttons to adjust the minute. Press the 'OK' button.
 Press the  or  buttons to adjust from 5/2d to 7d or 24h mode.
 Press the 'AUTO' button or wait 5 seconds and the thermostat will return to normal operation.





10. Factory program settings 5/2d





	5/2D					
	P1	P2	P3	P4	P5	P6
Mon-Fri	06:30	08:00	12:00	14:00	17:30	22:00
	21°C	18°C	21°C	18°C	21°C	16°C
Sat-Sun	08:00	10:00	12:00	14:00	17:30	23:00
	21°C	18°C	21°C	18°C	21°C	16°C

	7D					
	P1	P2	P3	P4	P5	P6
Mon-Fri	06:30	08:00	12:00	14:00	17:30	22:00
	21°C	18°C	21°C	18°C	21°C	16°C
Sat-Sun	08:00	10:00	12:00	14:00	17:30	23:00
	21°C	18°C	21°C	18°C	21°C	16°C

Everyday	24H					
	P1	P2	P3	P4	P5	P6
	06:30	08:00	12:00	14:00	17:30	22:00
	21°C	18°C	21°C	18°C	21°C	16°C

11. Adjusting the program settings for 5/2d




Press the 'PROG' button once.
Programming for Monday to Friday is now selected.
 Press the  or  buttons to adjust the P1 time. Press the 'OK' button.
 Press the  or  buttons to adjust the P1 temp. Press the 'OK' button.
 Repeat this process to adjust P2 to P6 times and temperatures.
 Press the 'OK' button.

Programming for Saturday to Sunday is now selected.
 Press the  or  buttons to adjust the P1 time. Press the 'OK' button.
 Press the  or  buttons to adjust the P1 temp. Press the 'OK' button.
 Repeat this process to adjust P2 to P6 times and temperatures.
 Press the 'AUTO' button to return to automatic mode.



While in PROG Mode pressing the 'PROG' button will jump from P1-P2 etc without changing the temperature.
 While in PROG Mode pressing the 'TIME' button will jump to the next Day (block of days).

If 7 D mode is selected, you can program each day of the week with 6 individual times and temperatures.
 If 24H mode is selected, you can only program each day of the week with the same 6 times and temperatures.



12. Copy function

Copy function may only be used if the thermostat is in the 7d mode.
 Set the times and temperatures for the day that you wish to copy from in PROG Mode.
 When still on the day press the 'COPY' button.
 The day of the week that you have selected will be shown with 'COPY' below it.
 The next day will begin to flash on the top of the screen.
 Press the  button to copy the times and temperatures to that day.
 Press the  button to skip a day.
 You can copy to multiple days using the  button.
 Press the 'OK' button when copying has been completed.

13. Temporary override

When in AUTO mode, press the  or  buttons to adjust the temperature setpoint.
 'Over' will appear on the screen.
 Press 'OK' or after 5 seconds the thermostat will operate in this temporary override, until the next switching time.
 To cancel temporary override, press the 'OFF' button and then press the 'AUTO' button to return to the automatic mode.

14. Permanent override

Press the 'MAN' button to enter Manual Mode (Permanent Override).
 'MAN' will appear on the screen.
 Press the  or  buttons to adjust the temperature setpoint.
 Press 'OK' to confirm the temperature selection or after 5 seconds the thermostat will operate in this permanent override.
 The thermostat will operate in MAN mode until the mode is changed.
 To cancel permanent override, press the 'OFF' button and then press the 'AUTO' button to return to automatic mode.

15. Boost function

The thermostat can be boosted to a specific temperature for 1, 2 or 3 hours while the thermostat is operating in all modes except for holiday mode.

Press the 'BOOST' button 1, 2 or 3 times, the time that the boost will be activated to will flash on the screen.

If you do not press any other button the boost will activate to the temperature displayed on the screen after 5 seconds.

If you press the 'OK' button the temperature will now flash. You can edit the temperature if you press the or buttons.

Press the 'OK' button or wait for 5 seconds to enter BOOST Mode.

'BOOST TO' will now be displayed on the screen with the time that it is activated to displayed above this text.

Press the 'BOOST' button again to deactivate the boost.

16. Holiday function

This will switch your heating system off between the start and end times you select .

Press the 'HOL' button, 'HOLIDAY FROM' will appear on screen.

Press the or buttons to adjust the day. Press the 'OK' button.

Press the or buttons to adjust the month. Press the 'OK' button.

Press the or buttons to adjust the year. Press the 'OK' button.

Press the or buttons to adjust the hour. Press the 'OK' button.

'HOLIDAY TO' will appear on screen.

Press the or buttons to adjust the day. Press the 'OK' button.

Press the or buttons to adjust the month. Press the 'OK' button.

Press the or buttons to adjust the year. Press the 'OK' button.

Press the or buttons to adjust the hour. Press the 'OK' button.

The thermostat will now return to the mode it was in before the Holiday settings were entered.

To cancel Holiday mode, press the 'HOL' button.

17. To connect the RFRP thermostat to an RF1A receiver

Please note, If you are installing a CombiPack4 the RFRP thermostat and the RF1A receiver will have a pre-established RF connection so it is not necessary to carry out the RF connection process below.

On the RF1A receiver:

Press the button on the RF1A receiver.
The red and green light will begin to flash.

On the RFRP thermostat:

Press the button.

The thermostat will begin to search through the RF channels.

Once an RF connection has been established the thermostat will show 'r01' on the LCD screen.

Press the 'OK' button to finish the process.

The thermostat is now connected to the RF1A receiver.

18. To disconnect the RFRP thermostat from an RF1A receiver

On the RFRP thermostat:

Press the button.

The thermostat will begin to search through the RF channels.

Press and hold the 'COPY' button for 10 seconds.

'Addr' will appear on the screen of the thermostat.

Press the 'OK' button twice to complete the unpairing process.

The thermostat RFRP is now disconnected from the receiver RF1A.

On the RF1A receiver:

Press the button and immediately press the button.

The red and green lights will flash quickly followed by a solid red light.

The RF1A receiver is now disconnected from the RFRP thermostat.

19. Backlight mode selection AUTO

There are two settings for selection. The factory default setting is **AUTO**.

OFF The backlight is permanently OFF.

AUTO On pressing any button the backlight stays on for 5 seconds.

To adjust the backlight setting, lower the cover on the front of the unit.

Press the 'OK' button for 5 seconds.

Press either the or buttons to select the **OFF** or **AUTO** mode.

Press the 'OK' button.

20. Battery low warning

When the batteries are almost empty, the symbol will begin to flash on the screen.

The batteries must now be replaced or the unit will shut down.

21. Replacing the batteries

Lower the flap at the front of the thermostat.

There is a battery compartment located below the buttons.

Using your 2 thumbs, apply pressure and pull downwards to remove the cover.

Insert the 2 x AA batteries and the thermostat will turn on.

Close the battery compartment.

