

2. How your programmable thermostat works

When the thermostat is in the AUTO mode, it will operate according to the times and temperatures that have been programmed. The user can select from 6 different programs per day - each with a time and a temperature.

There is no OFF time, only a higher and a lower temperature.

If the user wants the thermostat to be OFF at a certain time, set the temperature for this time to be low. The thermostat will turn ON if the room temperature is lower than the setpoint for the current period.

Example: If P1 is set to be 21°C at 6am, and if P2 is set to be 10°C at 8am, the thermostat will look for the temperature to be 21°C between 6am and 8am.

3. Setting the Dates, Time and Programming Mode

Press and hold [Menu] for 5 seconds.
'P01 & PrOg' will appear on the screen.
Press [Up] until 'P02 & tInE' appears on the screen.
Press [OK] to select.
Press [Up] or [Down] to adjust the year. Press [OK]
Press [Up] or [Down] to adjust the month. Press [OK]
Press [Up] or [Down] to adjust the day. Press [OK]
Press [Up] or [Down] to adjust the hour. Press [OK]
Press [Up] or [Down] to adjust the minute. Press [OK]
Press [Up] or [Down] to adjust from 5/2d to 7d or 24h mode*. Press [OK]
Press [Up] or [Down] to turn DST (Day Light Saving time) On or Off. Press [OK]
Press [Menu] to return to normal operation.

* 5/2d: Mon-Fri / Sat - Sun
7d: Mon -Sun, individual day
24h: All days inclusive

4. Adjust Program Settings for Zone 1 (5/2d) (RF1B & RF2B)

Press and hold [Menu] for 5 seconds. 'P01 & PrOg' will appear on the screen. Press [OK]
'Zone 1' will appear on the screen. Press [OK]
Programming for Monday to Friday is now selected.
Press [Up] or [Down] to adjust the P1 time. Press [OK]
Press [Up] or [Down] to adjust the P1 temp. Press [OK]
Repeat this process to adjust P2 to P6 times & temperatures. Press [OK]
Programming for Saturday to Sunday is now selected.
Press [Up] or [Down] to adjust the P1 time. Press [OK]
Press [Up] or [Down] to adjust the P1 temp. Press [OK]
Repeat this process to adjust P2 to P6 times & temperatures.

5/2 DAY					
MON - FRI			SAT - SUN		
P1	06:30	21°C	P1	08:00	21°C
P2	08:00	10°C	P2	10:00	10°C
P3	12:00	10°C	P3	12:00	10°C
P4	14:00	10°C	P4	14:00	10°C
P5	17:30	21°C	P5	17:30	21°C
P6	22:00	10°C	P6	23:00	10°C

Note: For RF2B & 2 x RFRP-TW, follow above guide for programming zone 2.

5. Adjust Program Settings for Zone 2 (5/2d) (1 Thermostat to RF2B)

Press and hold [Menu] for 5 seconds. 'P01 & PrOg' will appear on the screen. Press [OK]
'Zone 1' will appear on the screen. Press [OK]
Press [Up] and 'Zone 2' will appear on the screen. Press [OK]
Programming for Monday to Friday is now selected.
Press [Up] or [Down] to adjust the P1 time. Press [OK]
Press [Up] or [Down] to select ON or OFF. Press [OK]
Repeat this process to adjust P2 to P6 times. Press [OK]
Programming for Saturday to Sunday is now selected.
Press [Up] or [Down] to adjust the P1 time. Press [OK]
Press [Up] or [Down] to select ON or OFF. Press [OK]
Repeat this process to adjust P2 to P6 times. Press [OK]
Press [Menu] to return to normal operation.

5/2 DAY					
MON - FRI			SAT - SUN		
P1	06:30	ON	P1	08:00	ON
P2	08:00	OFF	P2	10:00	OFF
P3	12:00	OFF	P3	12:00	OFF
P4	14:00	OFF	P4	14:00	OFF
P5	17:30	ON	P5	17:30	ON
P6	19:00	OFF	P6	19:00	OFF

Note: Only applies when 1 x RFRP-TW is paired with a RF2B receiver.

Instructions for the RF2B – 2 zone receiver



6. AUTO Mode

When the thermostat is in the AUTO mode it will automatically change the temperature throughout the day according to the schedule set by the user in the programming menu.

If the room temperature falls below the setpoint it will activate the heating.

Note: If the heating is set to 16°C for Program 6 and during the night the heating falls below 16°C it will turn on the heating. If you do not want this to happen you should adjust P6 to a lower temperature.

7. Temporary Override

When in AUTO mode, press [Up] or [Down] to adjust the temperature setpoint. 'OVERRIDE' will appear on the screen.
Press [OK] or after 5 seconds the thermostat will operate to this temperature, until the next switching time.
To cancel temporary override, press [Menu] to return to the automatic mode.

8. Permanent Override (Manual)

Press [Menu] to enter the manual mode (Permanent Override).
'MAN' will appear on the screen.
Press [Up] or [Down] to adjust the temperature setpoint.
Press [OK] or after 5 seconds the thermostat will operate in permanent override.
To cancel permanent override, press [Menu] to return to the automatic mode.

9. On / Off Function

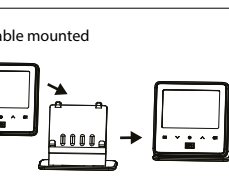
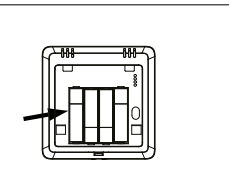
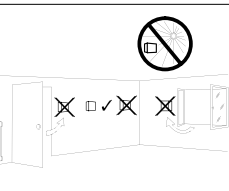
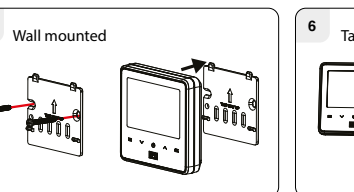
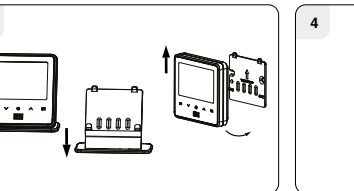
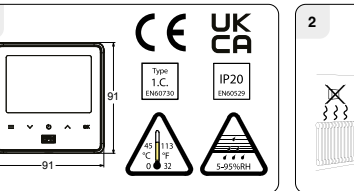
Press [Power] to turn the thermostat On or Off. When OFF is displayed on the screen the thermostat and zone will be set to OFF.

Note: If the zone is set to constant OFF mode, all other functions are disabled, except for frost protection, which remains active.

10. Mounting & Installation of the RFRP-TW

- Mount the thermostat between 1.2 and 1.5 metres from floor level.
- Place in a location where temperature can be measured accurately.
- Keep the thermostat away from radiators, direct sunlight, drafts, appliances or hidden heat sources.
- Insert batteries.
- For mounting, fix the mounting plate directly to the wall with the screws provided.

Attach the thermostat or use the table mount supplied.



11. To connect the RFRP-TW thermostat to an RF1B receiver



RFRP-TW

RF1B

1. On the RF1B Receiver:

Press and hold **Connect** until the white RF LED begins to flash.

2. On the RFRP-TW:

Press and hold **Menu** for 5 seconds.

'P01 & PrOg' will appear on the screen.

Press **Up** until 'P03 & rF' appears on the screen.

Press **OK** to select.

Wait for 'r01' to appear solid.

Press **OK** to confirm. The thermostat is now connected.

3. On the RF1B Receiver:

The white RF LED will appear solid.

12. To connect the RFRP-TW thermostat to an RF2B receiver



RFRP-TW

RFRP-TW

RF2B

1. On the RF2B receiver:

Press and hold **Zone 1 Connect** or **Zone 2 Connect** until the white RF LED begins to flash.

2. On the RFRP-TW:

Press and hold **Menu** for 5 seconds.

'P01 & PrOg' will appear on the screen.

Press **Up** until 'P03 & RF' appears on the screen.

Press **OK** to select.

Wait for 'r01' / 'r02' to appear solid.

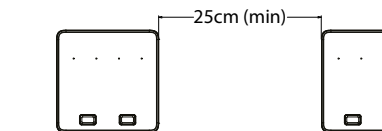
Press **OK** to confirm. The thermostat is now connected.

3. On the RF2B:

The white RF1 and RF2 LED will appear solid.

13. Important Notes **Caution!**

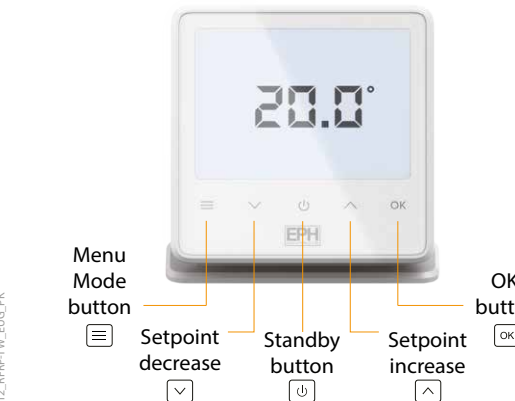
- If the battery low symbol appears on thermostat or EMBER App, the batteries should be changed.
- Good quality batteries are essential to ensure the correct operation of this product. EPH recommend using Duracell or Energizer batteries.
- Do not use low quality battery brands as they can cause the following problems:
 - Stop the wireless communication with the receiver.
 - Can cause the thermostat to reset.
 - Can cause the thermostat to display the incorrect information.
- If a lock symbol appears on your thermostat screen, hold **Up** & **Down** for 10 seconds to unlock.
- When installing multiple receivers, it is important to ensure that there is a minimum 25cm between each receiver. If they are too close, they will not be able to pair with each other.



RFRP-TW

Programmable RF Thermostat

1. Button / Symbol Description



Easy User Guide

Important: Keep this document

Full Datasheet

