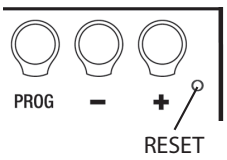
TP5000 Si/TP5000 RF Si
User Instructions

Before programming the thermostat press and release the **RESET** button to restart the unit. **(Fig. 1)**

Fig.1



Setting the Clock and Day

The day and time are set in the factory and therefore it will not normally be necessary to do this on site. Changes between summer and winter time are handled automatically by the unit.

Accepting the Factory Pre-settings

The TP5000 Si has pre-set times already programmed in, which often suit most people (see table below).

Note: If set up for 4 events per day, events 3 & 4 are skipped. If set up for 2 events per day, events 2, 3, 4 & 5 are skipped and the events are re-numbered.

Fig.2

Fig.3

Mon-Fri

Event	Time	Temp. °C
1	06:30	20
2	08:30	15
3	11:30	20
4	13:30	15
5	16:30	21
6	22:30	15

Sat-Sun

Event	Time	Temp. °C
1	07:30	20
2	09:30	20
3	11:30	20
4	13:30	20
5	16:30	20
6	22:30	15

Fig.4

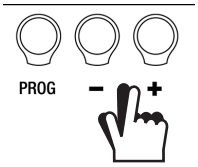
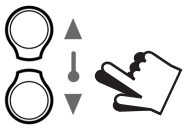


Fig.5



To adjust the factory pre-settings & set your own time and temperature programmes

For Days 1-5 (weekdays)

a) Press **PROG (Fig. 2)** until the 1st pre-set time and temperature *(Event 1 Days 1,2,3,4,5)* **(Fig. 3)**.
b) Use **+ or –** buttons **(Fig. 4)** to adjust the **TIME** (press and hold to change in 10 min increments).
c) Use **Λ or V** buttons **(Fig. 5)** to adjust the **TEMPERATURE**.
d) Press **PROG (Fig. 2)** to move to next preset time & temp (Event 2) **(Fig. 6)**.
e) Repeat steps b, c & d for programming Events 3, 4, 5 & 6.

Fig.6

For Days 6-7 (weekends)

- Press **PROG (Fig. 2)** to show 1st pre-set time and temperature *(Event 1 Days 6-7)* **(Fig. 7)**.
- Repeat steps b, c and d above to programme time and temperature events for the weekend.

Fig.7

Returning to RUN mode
Press **PROG (Fig. 2)** – the colon in the LCD display will start to flash **(Fig. 8)**.

Fig.8

Complete Shut off - Summer time

Press Λ and V together to enter thermostat mode. A frost protection symbol (snowflake in a shield) will appear in the display . Press the down arrow ∨ once, **OFF** will appear in the display.

To return to automatic programming press both ∧ and ∨ together.

Temporary User Overrides

The TP5000 has several useful overrides which can be selected without affecting the thermostat programming.

- **Selection of time or actual room temperature in main LCD display** – press **+ and – together** to change between settings **(Fig. 9)**.
- **Temporary override of programmed temperature** – press **Λ or V** until required temperature is displayed (override will automatically cancel at beginning of next programmed event) **(Fig. 10)**.
- **Frost Protection** – a constant low temperature can be selected whilst away from home - press **Λ and V together (Fig.11)**. Then use **Λ or V** to select the required temperature. To return to automatic programming press **Λ and V** together again.

Fig.9

Selection of time or actual room temperature in main LCD display

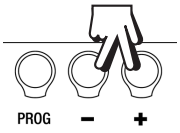
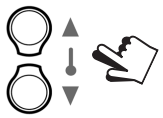


Fig.10

Temporary override of programmed temperature



Battery Replacement

- A low **battery symbol will flash** in the LCD display **(Fig. 12)**
- You have 15 days to replace the battery before the unit will switch off.
- Remove old batteries and insert new ones. All settings including time are maintained.
- Press and release the **RESET** button to restart the unit. **(Fig. 1)**

NB. If the display ever goes blank during normal operation, the batteries will need to be renewed with high quality alkaline cells. The reset button should be pressed to restart the unit. All times, dates and events will be retained and need not be re-programmed.

Fig.11

Frost Protection

press together

Fig.12

IMPORTANT RF Models only

To ensure that the factory programmes are set and the micro-computer is operating correctly it is essential that you press and hold the RESET button before you begin any commissioning or programming.

Commissioning Instructions

If the thermostat and the receiver have been supplied together in a combined pack, the units have been paired in the factory and no commissioning is required (RX1 only).

To tune the RX receiver to the frequency of the thermostat signal, follow steps 1-5 below.

Step 1
TP5000-RF Si - Reset the unit by pressing the recessed reset button.

Step 2
Press and hold **V and +** buttons **(fig. 13)** for 3 seconds (TP5000 RF Si now transmits unique signal continuously for 3 minutes).
Step 3
RX1 - Press and hold buttons **PROG and CH1** for 3 seconds until green light flashes once. **(Fig. 14)**
Step 4 (Fig.14)
RX2 (if applicable)
Stat 1 - perform steps 1-3 and 5.
Stat 2 -perform steps 1-2 and then press **PROG and CH2 on RX2.**
RX3 (if applicable)
Stat 1 - perform steps 1-3 and 5.
Stat 2 - perform steps 1-2 and then press **PROG and CH2 on RX3 then step 5.**
Stat 3 - perform steps 1-2 and then press **PROG and CH3 on RX3.**

Step 5
TP5000Si-RF - Press **V or Λ** to select temperature - the unit will revert back to operating mode.

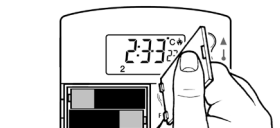


Fig.13

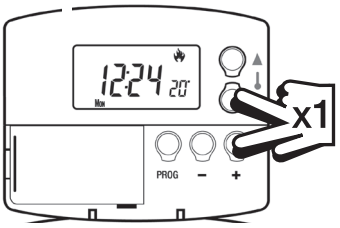
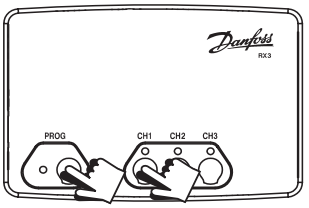


Fig.14



Service Interval Timer

If the property is owned by a landlord he may, for gas safety reasons, have instructed the installer to set the service interval timer.

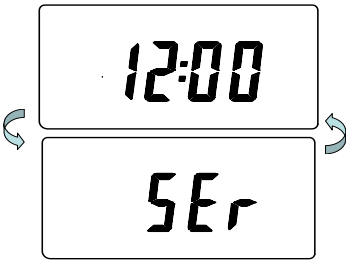
If set a visual and audible warning will alert you that the boiler will need servicing within the next 28 days. This warning is repeated each day at noon. **(Fig. 15)**

If the boiler is not serviced within 28 days the daily audible warning will sound continuously and can only be cancelled each day by pressing any button on the unit.

In addition, all overrides and programming buttons will be disabled and the heating and hot water will only operate for 15 minutes in each programmed hour.

As this is a gas safety feature only an installer can reset the service interval timer. This will be done as part of the boiler service as part of the boiler service.

Fig. 15



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