**EcopowerHeating**
PERFORMANCE EFFICIENCY DESIGN

Operating Instructions RT500RF Programmer

Before you start: When an icon is flashing, you have 15 seconds to make a change before the display reverts back. If you lose your place at any stage, press SET, and then press SELECT repeatedly until you are back at the desired point. The SET button gets you into, and out of programmes. Pressing the SELECT button confirms your setting and moves you on to the next step. To set times and temperatures for Saturday and Sunday, press SET and the up (∧) arrow key. To control your heating manually, simply use the up (∧) and down (∨) arrow keys.

Recommended daytime temperature settings for comfort and and lowered running costs: living rooms: 21°C, 18°C for bedrooms and 16°C in hallways. Turning your room temperature down by just 1°C can reduce your energy bill by up to 10%. Try to keep interior doors closed and radiators unobstructed where possible. Heating costs can be reduced by over £300 per year in most properties with the addition of loft and cavity wall insultation. Savings of around £650 per year are achievable in older properties. Source: The Energy Saving Trust.

Step 1: Setting the Time and Day
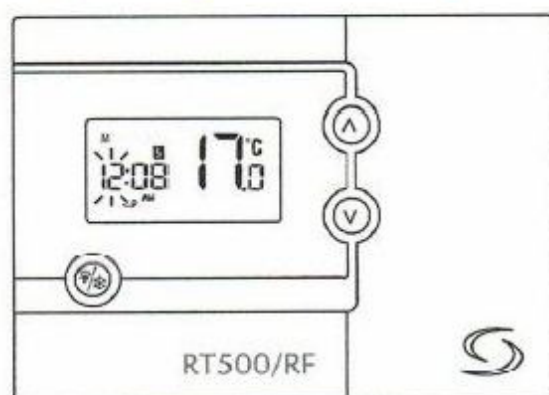
First, you must set the correct time. Hold down the SET and SELECT buttons for 4 seconds. You will now see the hour flashing on the display. Use the up (∧) and down (∨) arrows to select the correct hour. Ensure that the AM and PM is correct. If it is not, then scroll through the hours until the correct time is displayed. Now press SELECT to confirm.
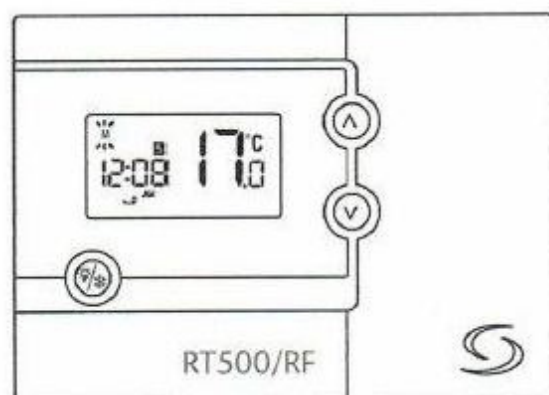

You will now see the minutes flashing on the display. As above, use the up (∧) and down (∨) arrows to set the correct minutes. Now Press SELECT to confirm. You are now ready to set the correct day.
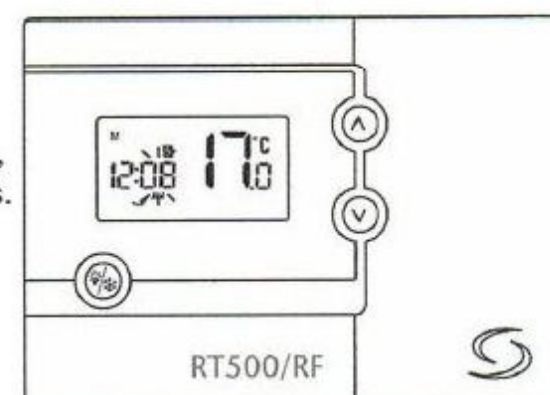

You will now see a letter flashing on the display. If today is actually a Monday (M) but Wednesday (W) is flashing, simply press an arrow (∨) button until the correct letter is displayed. Now press SELECT to confirm. You have now successfully set the time and day and can now pre-set on and off times if you wish. If you prefer to switch your heating on and off manually, simply use the up (∧) and down (∨) arrow buttons to select your desired room temperatures. To switch your heating off, press the down arrow button until 5°C is displayed. **Please note;** radiators may stay warm for 30-45 minutes after they are switched off. Switching off early will help you to save energy.

Step 2: Setting an ON Time

You are now ready to set the time that you would like the heating to come ON in the mornings. Press SET and you will see MTWTF flashing on the display. Now press the SELECT button. The HOUR symbol will now flash. Use the up and down arrows choose the hour that you would like the heating to come ON and press the SELECT button to confirm. Now set the MINUTES if needed, and press SELECT again to confirm. The TEMPERATURE will now flash. Use the up (∧) and down (∨) arrow buttons to choose your desired room temperature. Press SELECT to confirm.
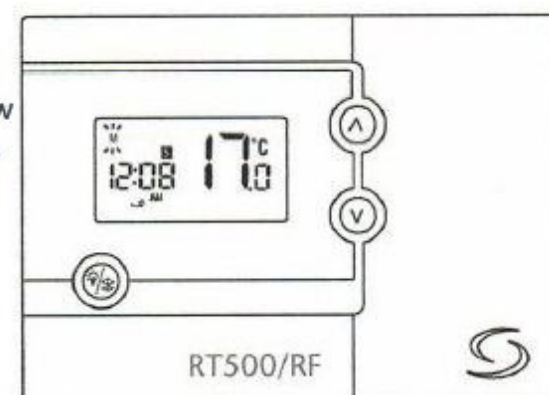
Step 3: Setting an Off Time
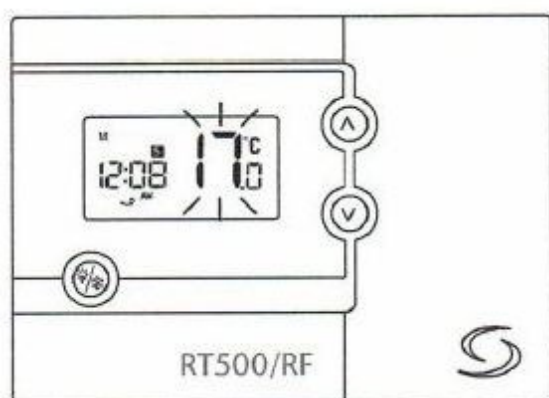
You must now choose when you would like your heating to switch off for the first time. For example, you may not be at home during the daytime. You will see that PROG 2 is now displayed. When the HOUR symbol flashes, choose your desired hour for the heating to stop using the up (∧) or down (∨) arrow buttons. Press SELECT to confirm, and choose the minutes if needed before pressing SELECT again. The TEMPERATURE will now be flashing. Using the down (∨) arrow button choose the lowest available temperature of 5°C. Your heating will now be OFF until your next setting in PROG 3.

Step 4: Setting Further ON and OFF times

PROG 3 is now displayed. This allows you to set another ON time. Perhaps you arrive home from work at 5.00pm, and would like the heating to be back on for your return. With the HOUR symbol flashing, again set the new start time (eg. 4.30pm) using the up (∧) and down (∨) arrow keys, pressing the SELECT button to confirm the hour and minutes. The TEMPERATURE now flashes again. Use the up and down arrow keys to choose your desired room temperature.

PROG 4 is now displayed. This is the last setting. Follow the same steps as before to select the timings and temperatures for this programme. Using the up (∧) and down (∨) arrow keys, select the time that you would usually go to bed and press SELECT. If you would like the heating to switch off overnight, select 5°C and press SELECT to confirm. If you need some extra warmth while in bed, select 17°C and press SELECT.

PROG 5 is now displayed. This is not usually required when programming an Ecopower Heating system. To bypass PROG 5, simply enter the same temperature setting that you selected for PROG 4, but set the time ten minutes later (if your last time setting in PROG 4 was 10.00pm, select 10.10pm) Now press SELECT to confirm. Programming is now complete.