Digistat 2 user instructions

INITIAL START UP

Open the battery compartment situated at the bottom left hand corner (press to unlatch and slide down). Remove the insulator strip from between the batteries and their contacts and close the compartment.

The unit will now display the *actual* room temperature and time at 12.00 am, midnight (Diagram A).

If the unit has been stored in a cold place, it may take time to warm up.

Digistat 2 has an indicator to show when the heating system is ON or OFF, e.g. if the SET temperature is 20°C and the actual room temperature is below 20°C a flame symbol will appear on the display (Diagram B). This indicates a demand for heat (system will switch ON).
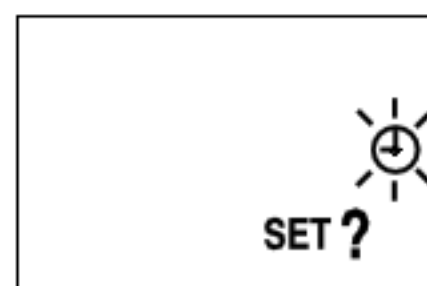
During normal operation, the Digistat 2 will display actual room temperature continuously.

SYSTEM OFF   Diagram A

SYSTEM ON   Diagram B

SETTING THE TIME OF DAY (steps 1-4)

The diagram next to each step description shows resulting display.
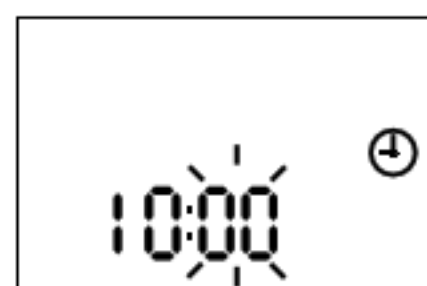
1. Press "SET?" button

2. Press "Yes" (–) button. The hours will flash as shown here. Use the + and – buttons to set correct hour.

3. Press "SET?" button again and the minutes will flash, use + and – buttons to set correct minute time.

4. Press "SET?" button twice to return to normal operating mode.
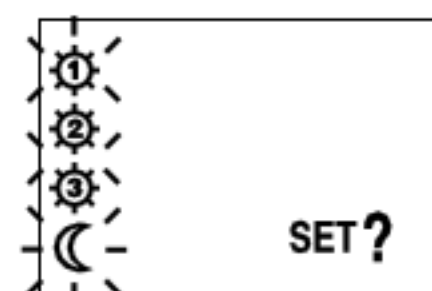

PRE-PROGRAMMED TIMES AND TEMPERATURES

The Digistat 2 comes with the following preset programme.

Symbol	Setting	Time	Temperature
☼①	1st day time	6.30 am	20°C
☼②	2nd day time	8.30 am	16°C
☼③	3rd day time	4.30 pm	21°C
☾	Night time	10.30 pm	7°C*

* 16°C if selector pin removed, see installation instructions

TO VIEW OR CHANGE THE FACTORY SETTINGS (steps 5-10)

5. Press the "SET?" button until this display is shown.

6. Press the Yes (–) button again. This tells you that at 6.30 a.m., the heating system will control your home at 20°C. If you wish to alter the temperature use the + and – buttons.

7. Press the "SET?" button. The time will now flash. If you wish to alter the switching time use the + and – buttons. This will change the switching time in 10 minute steps.

8. Press the "SET?" button, this tells you that at 8.30 a.m., the heating system will control your home at 16°C. If you wish to alter this temperature use the + and – buttons.

9. Continue to press the "SET?" button as in steps 6 and 7 above to advance through the times and temperatures. If you wish to alter any of the times and temperatures use the + and – button, when the one you wish to alter is flashing.

10. Continue to press "SET?" button until you return to normal operating mode with a display similar to the one shown here.

OPERATING MODES

The Digistat can be operated in one of three modes.

1) ⊕ – Timed, all preset times and temperatures

2) ☾ – Continuous night temperature (useful for low limit temperature protection when on holiday)

3) ☼① – Continuous 'DAY 1' temperature

Use the SELECT button to change the operating mode to suit your requirements, the symbols are positioned on the right hand side of the display.

TEMPERATURE OVERRIDE

If at anytime during normal operation you wish to temporarily increase or decrease the set temperature, use the + or – buttons to change to your desired setting. This can be done without entering the SET mode. Five seconds after releasing the + or – button the display will revert to showing the *actual* room temperature. The Digistat will now control the temperature to the override setting until the next programmed switching time, when it will revert to the times and temperatures you have already programmed.

BATTERY REPLACEMENT

30 days before the batteries need replacing, a battery symbol will flash in the right hand side of the display, (Diagram C). This signifies that two 1.5V type AA **alkaline batteries** will be needed to replace the existing

Diagram C

ones. If battery replacement is carried out in this condition the programmed settings will only be held in the memory for a maximum of one minute, after which re-programming may be necessary.
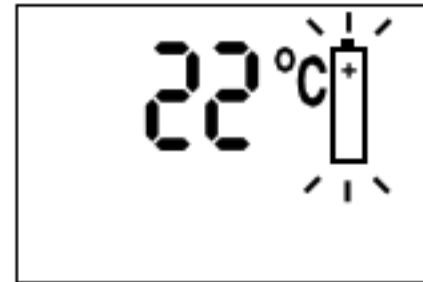
IMPORTANT

To avoid the possibility of having to re-programme the switching times and temperatures, it is advisable to wait until the display with a flashing battery symbol changes to a continuous battery only display

Diagram D

(after 30 days – Diagram D). In this condition the unit will remain OFF but your programmed settings will be held in memory for a number of weeks. The battery compartment can now be left open, to replace the batteries, for approximately one hour. If the compartment is left open for longer, the unit will revert to the factory preset times and temperatures. It may be necessary to reset the correct time of day after changing the batteries.
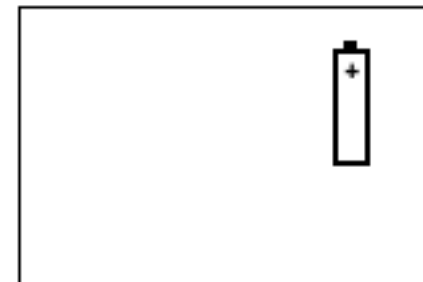
The battery compartment is situated at the bottom of the unit (press to unlatch and slide down). Ensure new batteries are installed correctly.

HELPFUL HINTS

1) First/last set times
The Day 1 setting ☼ cannot be programmed before 12.00am. The night setting ☾ can be programmed at whatever time you require, even after 12.00 am (midnight) so long as it is not programmed more than 23 hours 50 minutes after the Day 1 setting.

2) Part or full day omission
If during programming the Digistat, one of the symbols on the left hand side of the screen starts to flash, this indicates that two or more of the switching times have been set to the

same time. This facility enables you to omit one or more of the switched periods. When one or more switching times are programmed together the later setting takes precedent. For example, if all four switching times were set together the Digistat would control continuously at the fourth (night) temperature setting ☾.

3) Programme sequence
The Digistat will not allow you to program the switched periods out of sequence but will hold the times together as stated above.

4) Reset
If at any time during the programming you get confused and would like to start the procedure from the beginning press the SELECT and – buttons at the same time and hold for two seconds. This resets the Digistat to the factory pre-set times and temperatures shown in the table (overleaf).

5) Self revert
If during programming no button is pressed for between one and two minutes the Digistat will revert automatically to its normal operating mode.

CONFORMS TO THE ESSENTIAL REQUIREMENTS OF THE FOLLOWING DIRECTIVES:

$C\epsilon$

89/336/EEC	– Electromagnetic compatibility
73/23/EEC	– Low voltage directive

Digistat 2
User instructions

Drayton   *Digistat 2*

SET?   SELECT

YES

—   +