




## 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)  - 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. 5 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

When the batteries start to approach the end of their life a battery symbol will flash in the right hand side of the display (Figure 9).



Replace old batteries with 2 x 1.5V alkaline cells type AA.

When the battery symbol alone is displayed continuously, the output will be off until the batteries are replaced.

*Note: Digistat will revert to the factory pre-set programme after changing the batteries so you must reset it to your desired times and temperatures.*


## Helpful Hints

### 1) First/Last Set Times

The Day 1 setting  cannot be programmed before 12.00 am. 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 2 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 preset times and temperatures shown in the table (overleaf).

### 5) Self Revert

If during programming no button is pressed for between 1 and 2 minutes the Digistat will revert automatically to its normal operating mode.

CONFORMS TO THE ESSENTIAL REQUIREMENTS OF  
THE FOLLOWING DIRECTIVES:  
89/336/EEC - Electromagnetic compatibility  
73/23/EEC - Low voltage Directive



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Chantry Close, West Drayton, Middlesex UB7 7SP

Telephone: (01895) 444012

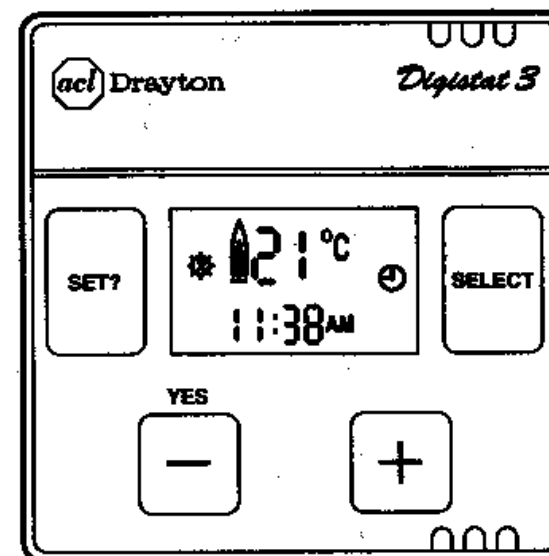
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090-412

# Digistat 3

## User instructions



**acl Drayton**

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### 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.

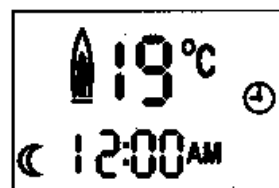
The unit will now display the actual room temperature and time at 12.00 am, midnight (Figure 1).

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



SYSTEM OFF

Figure 1



SYSTEM ON

Figure 2

Digistat 3 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 (Figure 2). This indicates a demand for heat (system will switch ON).

During normal operation, the Digistat 3 will display actual room temperature continuously.

Digistat 3 is supplied with a preset programme shown below which can be easily changed to suit your requirements:

### Factory Pre-Set Programmes

Setting	Mon-Fri Time	Sat-Sun Time	Temperature
☼	6.30 am	7.00 am	20°C
☼	8.30 am	9.00 am	16°C
☼	4.30 pm	4.00 pm	21°C
☾	10.30 pm	11.00 pm	7°C*

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

### General

Digistat 3 uses a question and answer routine to simplify programming. When the SET button is first pressed, the Digistat display will be as Figure 3 indicating 'SET CLOCK?'. Pressing SET again displays Figure 5, indicating 'SET PROGRAMME?'. Pressing SET again displays Figure 5, indicating 'SET PROGRAMME?'. Pressing SET again displays Figure 5, indicating 'SET PROGRAMME?'.

If you want to enter either of the setting modes to make changes, simply press the YES (-) button in answer to the relevant question. If the programme item displayed is not the one you wish to change, continue pressing SET until the desired option appears.

### To Set the Clock

Press the SET button once. The clock symbol ☼ will flash and the word SET? will be displayed (Figure 3).

Pressing the YES (-) button once will display the current time, with the hours flashing (Figure 4). Use the + and - buttons to set the correct hour. Press the SET button again and the minutes will flash, use the + and - buttons to set the correct time to the nearest minute. Press the SET button again and the current day will be displayed as a single flashing digit from 1 to 7, 1 representing Monday, 7 as Sunday. Use the + and - buttons to select the correct day and press set again, Digistat now enters the 'SET PROGRAMME' mode (Figure 5).

### To View or Change the Pre-Programmed Times and Temperatures

Press the YES (-) button once and the display will be as Figure 6.

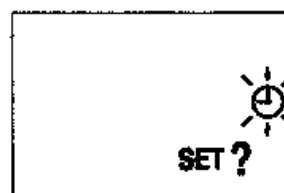


Figure 3

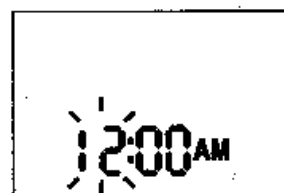


Figure 4

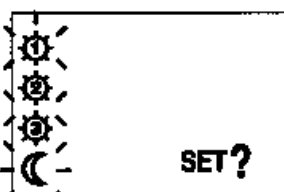


Figure 5

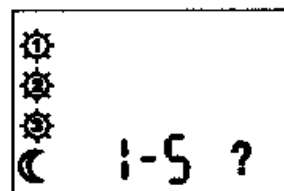


Figure 6

This means set times and temperatures MONDAY to FRIDAY as a grouping of the 5 days.

Note: The 4 temperature levels are standard for each day of the week once they are set. Although the switching times can be altered for each day of the week, the temperature remains the same.

Press the YES (-) button once and the display shows the first programmed time and temperature with the temperature flashing (Figure 7).

To alter any of the four times or temperatures, press the + or - button when the time or temperature you wish to alter is flashing, ie changes made when the display is flashing as in Figure 8 would alter the fourth, or night switching time.

Once the Monday to Friday (1-5) grouping of times and temperatures have been reviewed or altered it is now possible to alter the switching times on individual days so that if required, different switching times can be selected for each day of the week or certain days can be omitted (see useful hints). Start with Day 1 and press the SET button until the digit representing the day of the week you want to alter shows in the display.

Press the YES (-) button and the display will show the first switching time and temperature on that day, with the time flashing. Use the SET button to advance to the time you wish to alter and the + and - buttons to change the switching time. Once all changes have been made to days 1-5 press SET and the display will read 6-7, these are the timings for Saturday and Sunday which can be set together or individually following the same routine.

It is possible to programme any of the switched periods as 'OFF', by pressing the - button when the Digistat is in a 'temperature set' mode and reducing the temperature below 5°C until the display reads --°C. This can be achieved in steps or by holding the - button which will give a continuous run down. Once all times and temperatures have been programmed press SET a final time to return the Digistat to normal operating mode.



Figure 7

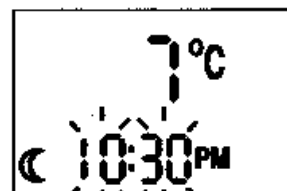


Figure 8

Continued overleaf