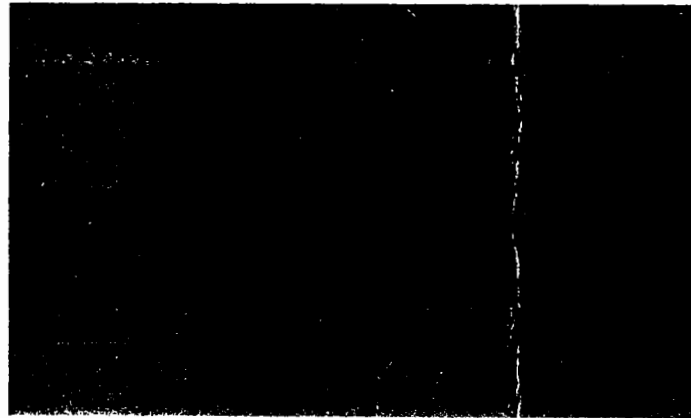


**Drayton**

Supplement to  
Operating Instructions  
33-31 Issue 8806

**IMPORTANT: INSTALLER, Please leave this guide with the householder together with its Warranty card.**

## HOW TO PROGRAMME YOUR TEMPUS ONE

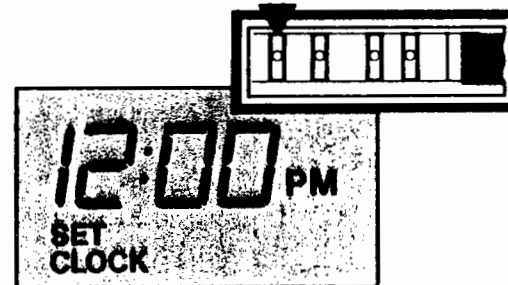


This programming guide contains a pictorialised summary of the main steps needed to fully programme this product. For more specialised information please refer to page 4 onwards.

**IMPORTANT: Tear off and return your completed Warranty Registration Card printed at the end of this guide within 30 days.**

### 1 SELECTING ACTUAL TIME

Press the button marked ADJUSTMENT SELECT.  
The display will indicate "SET CLOCK".



## 2 ADJUSTING THE CLOCK TIMING

Press the button marked ADJUSTMENT SET and the time will advance in one minute increments with each press. If the button is held down, the time will advance in ten minute increments continuously. When the correct time is achieved, go to step 3.

## 3 SELECTING & ADJUSTING OTHER TIMINGS

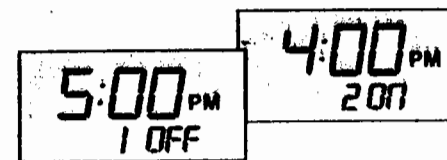
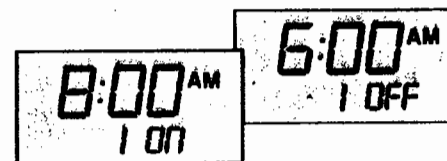
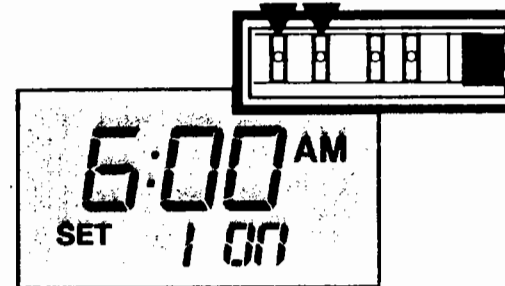
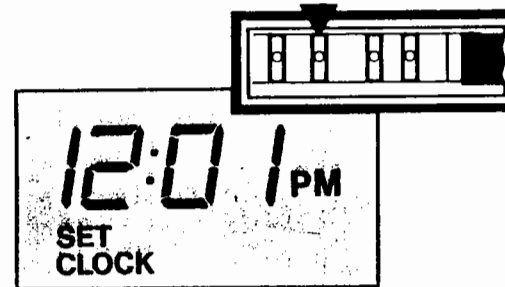
Press the button marked ADJUSTMENT SELECT once again. The new clock time will be entered and the display should now read "1 ON". This is the prompt for the first ON time which can then be adjusted as in step 2. However, all operational times are in ten minute increments only. Holding the ADJUSTMENT SET button down will fast-advance as before. Subsequent presses of the ADJUSTMENT SELECT button will step through "1 OFF", "2 ON" and "2 OFF" in that sequence and each can be changed as in step 3 before proceeding. If any on and off displays begin to alternate on the screen, refer to step 4, otherwise go to step 5.

## 4 INCORRECT TIMINGS

If any ON or OFF times have been incorrectly entered the display will alternate between the settings which have to be corrected, and you cannot proceed with other programming until this has been done.

EXAMPLES: 1st ON set LATER than 1st OFF  
2nd ON set EARLIER than 1st OFF

In each case, enter a new timing as in step 3.



**5****ENDING PROGRAMMING**

Press the ADJUSTMENT SELECT button again until the display shows actual time, indicating that the programmer will now operate. Alternatively, if no buttons are pressed for about one minute at any point in programming, the display will automatically revert to actual time. Further use of the ADJUSTMENT SELECT button will then be necessary to step through to any timings yet to be set.

**6****PROGRAMME SELECT OPERATION**

When all times have been correctly entered, press the PROGRAMME SELECT button to select the programme mode you want. At the edge of the display you will see a pointer move with each press of this button. You may choose from the following options:

- OFF (Off continuously)
- ONCE (On one timed period per 24 hours. This is timed from the 1st ON timing to the 2nd OFF timing)
- TWICE (ON two timed periods per 24 hours)
- CONT (ON continuously)

These options may be selected at any time e.g for a weekend shutdown or a short period of absence from the house etc.

**7****USING THE PROGRAMME OVERRIDE**

This button may be used at any time to reverse the effect of any programmed timing. NB: It will have no effect if an OFF or CONT non-timed programme (see above) has been selected.

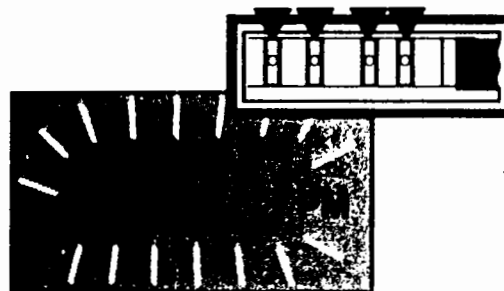
If the programmer is timed to be ON, a press will turn it OFF until the next timed ON period or until another press of the override button. Similarly; a timed OFF can be altered to ON etc.



## 8

## THE RESET FACILITY

Should you wish to totally reset the programmer at any time to start reprogramming from scratch, this may be achieved by pressing all four buttons to the left of the display simultaneously. After this, the programmer shows 12.00pm as a flashing display and is ready for programming again.



## 9

## IF IN DOUBT

If you are in any doubt about any of the foregoing details and their effects, you are recommended to read the full operating details from section 10 onwards.

---

### 10. STARTING UP

**10.1** The liquid crystal display normally shows actual time, am or pm, an ON indication when appropriate to the programming, and a pointer to the selected mode of operation. When using the ADJUSTMENT SELECT and SET buttons, however, the display changes to progressively show 1st and 2nd ON and OFF times and also displays prompts to show what action is needed from the user. e.g.: SET CLOCK etc.

**10.2** When first mains-powered, or a button is pushed when on battery power, the Tempus One display flashes at 12.00pm, and the actual time advances from then whilst the flashing continues. 1st ON time is pre-set as 6.00am, 1st OFF as 9.00am, 2nd ON as 4.00pm and 2nd OFF as 10.00pm.

### 11. SETTING ACTUAL TIME

**11.1** Pressing the SELECT button once brings up the first option on the display: SET CLOCK. (Further presses of the SELECT button will step through other options and return to actual time without altering any of the options). The first press also stops the display from flashing after the initial powering-up.

**11.2** To set the actual time whilst the appropriate prompt is showing, press the SET button. If you keep this button pressed down, the time will fast-advance ten minutes at a time and the am/pm indicator will change appropriately. If you release the SET button and give it single presses, the actual time will advance 1 minute per press.

**11.3** When the desired actual time is reached, press the SELECT button. The corrected time will be started and the display will produce new prompts for programme times. These may be ignored by pressing SELECT repeatedly until the actual time display returns, or you may wait the 1 minute as explained in section 11.4.

**11.4** If nothing more is attempted for 1 minute at any option position, the display will revert to the actual time and the prompts will disappear. Another press of the SELECT button will then be necessary to make any alterations.

## **12. SELECTING 1st ON TIME**

**12.1** To change 1st ON time, press the SELECT button with single presses until the prompt SET 1 ON appears on the screen. Then you may use the SET button to change the time shown in the same way you changed actual time in section 11 above. However, for programme settings the time advances, and is settable, only at 10 minute increments. A further press of the SELECT button will then fix the new timing in memory and offer the next prompt. The same procedure as described in sections 11.3 and 11.4 will return the display to actual time.

**12.2** Note: 1st ON time may be selected as early as 3.00 am.

## **13. SELECTING 1st OFF and 2nd ON TIMES**

**13.1** Keep pressing the SELECT button until the appropriate prompt appears in the display. Then proceed as in 11.2 above.

## **14. SELECTING 2nd OFF**

**14.1** Keep pressing the SELECT button until the appropriate prompt appears in the display. Then proceed as in 11.2 above.

**14.2** Note: 2nd OFF time may be selected as late as 2.50am next day.

## **15. TIMING ERROR INDICATION**

**15.1** If an error is made in setting any of the ON and OFF timings, e.g.: 2nd OFF time is set earlier than 1st ON time, you will not be able to return to the actual time until the error is corrected but the display will alternately flash the timings where the error has been made. Pressing SELECT will allow you to amend the necessary timings as in sections 12 to 14 above.

## **16. TIMING FOR ONCE PER DAY**

**16.1** Assuming there are no errors as in section 15 above, selection of 1st OFF and 2nd ON times are only required when the TWICE programme mode (see section 17) is chosen. When the ONCE programme mode is chosen, the programmer takes its ON action at the 1st ON time and its OFF action at the 2nd OFF time.

## **17. SELECTING THE PROGRAMME MODE**

The programme modes available are:

- OFF = (OFF continuously)
  - ONCE = (ON one timed period per 24 hours)
  - TWICE = (ON two timed periods per 24 hours)
  - CONT = (ON continuously)
- \* See section 16

The appropriate mode may be selected at any time by pressing the PROGRAMME SELECT button. A pointer at the side of the LCD display will indicate which mode has been selected. Further presses will rotate around the options until the desired one can be chosen.

## **18. USING THE OVERRIDE BUTTON**

**18.1** Should you temporarily need to switch the programmer OFF when it is timed to be ON, or to switch it ON when it is timed to be OFF, a single press of the OVERRIDE button will achieve this. A further press will revert to the original state. An override condition will continue until the next programmed time, then normal programmed operation will be automatically resumed.

**18.2** If OFF or CONT have been selected as the current programme mode (see section 17), the override button will have no effect.

## **19. IF MAINS POWER FAILS**

In the event of a prolonged power failure, NO ACTION IS REQUIRED FOR APPROX. 16 DAYS. After this time, the programming backup is discontinued and the display will go blank until mains power is resumed. Reconnection to mains power will automatically restart the display in its initial flashing mode. The programmer must then be reprogrammed (see section 10 onwards). Battery backup will also be automatically restored.

**IMPORTANT FOR SAFETY: ON NO ACCOUNT REMOVE THE PROGRAMMER FROM ITS WALLPLATE WITHOUT FIRST SWITCHING OFF THE MAINS SUPPLY**

## **20. REPLACEMENT PARTS**

There are no replacement parts available for the Tempus One.