








## Timer Instructions for use with Watermate system.

Below are simple instructions on how to set up your timer, program it for use and perform the required basic tasks.

### Preparation :

- The timer must be plugged in to charge its batteries so it should be plugged into the mains for 5 minutes at least before programming.
- Use a pencil or pen to press the '**RES.**' button and after 2 seconds it will be reset to default settings.
- The current time and date must be accurately entered as follows:
  - Hold down the  button whilst performing the following:
  - Use the '**h**' button to cycle through until the correct hour is found.
  - Use the '**m**' button to cycle through until the correct minute is found.
  - Use the '**Day**' button to enter the current day, cycling through the numbers where 1 is Monday and 7 is Sunday.
  - Release the  button.
- N.B. this process can be speeded up by holding the '**h**' or '**m**' buttons for more than 2 seconds. Adjustments for daylight savings time can be made simply using the '+/- **1h**'. Button.

Modes There are two settings for using the timer with a Watermate system:



1. For use with the Watermate system it is usual to set the 'Automatic' setting that will water your crops without prompting completely automatically based on the timed settings (see 'Programming Procedure'). To achieve this, press the  button to cycle through the settings at the bottom of the display until  is displayed.
2. Alternatively you may wish to simply switch the system on and off when you like using the 'Manual' setting. Cycling through with the  button until  is displayed will turn the Watermate continually on. Selecting  will turn the system completely off. This is useful when you require another short period of watering during an especially hot period or when you wish to skip watering sessions during a wet period. Care should be taken to ensure that the system is not left on continuously and the pump is run dry.

We strongly recommend you test your settings on a table lamp before implementation.






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### Programming Procedure :


There are 20 free programs that can be set and these can be told to either switch the mains supply to the Watermate on or off.

- Press and release the '**Program**' button until a free slot appears, indicated by '- :- -' on the display.
- Press and release the  button to cycle between ● ON or ○ OFF. This decides whether the program being set is to turn the Watermate system ON or OFF. It is usually best to program one ON setting followed by an OFF setting for the desired time. This will run the Watermate for that interval. E.g. 06:00 may be set as an ON ● time and 06:02 as an OFF ○ time.
- Use the '**Day**' button to enter the current day, cycling through the numbers where 1 is Monday and 7 is Sunday. For watering everyday of the week, 1234567 should be selected. Other combinations of numbers can be used to set watering over the weekends or weekdays e.g. '67' means weekends .
- Use the '**h**' button to cycle through until the desired hour is found.
- Use the '**m**' button to cycle through until the desired minute is found.
- Finally, press  to store the setting or '**Prog.**' to store the setting and move on to another new setting (useful when adding a subsequent OFF setting.)

**The current time will then be displayed on the main screen.**

**(For the programmed settings to take affect, the timer should be set to 'Automatic Operation' (see Modes.)**



### Advanced Functions :

- To delete an individual time setting, cycle through using the '**Prog.**' button, then cycle the hour value by pressing '**h**' until it returns to '- :- -'. Return the minutes value to '- :- -' by pressing '**m**'. To delete the setting, hold down  for 3 seconds.
- To view the currently set times that the unit will come ON and OFF at, press '**Prog.**', this will show the first setting and indicate whether it will come ON or OFF at this time at the bottom of the display. To display further settings, keep pressing '**Prog.**' to cycle through them.
- To find out the number of free time spaces press '**Prog.**' until 'Fr \_\_' is shown.
- Holding down the '+/- **1h**' and '**h**' buttons at the same time will change to 12 hour AM/PM mode.

Please refer to manufacturers instructions for further information.

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