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## MSA07D 24 HOUR DIGITAL TIMER INSTRUCTIONS

### NOTES

Output loading should not exceed 13 Amps 3000 watts.

Before use it is recommended that the unit be plugged into a 13 Amp socket for a few hours to sufficiently charge the battery inside the timer.

For ease of use please read the whole of this page before commencing operation.

### TIMING GROUPS

This Digital Timer displays the time and controls appliances by switching Power On and Off. The Integrated Circuit not only allows you to set operation time for each day, it can also give you random settings, different daily settings, different day group settings, weekend and weekday settings. Please read these instructions for you to decide the day settings you require before you attempt to programme the timer.

### SETTING THE TIME

The clock is 24 Hours, before programming, the clock must be set to present time and day.

1.1 Press CLOCK keep depressed and press HOUR once for the hour to advance by one, until the correct hour is shown.

1.2 Repeat the above operation for minutes by pressing the MIN until the correct time is shown.

1.3 Repeat the above operation for the current weekday by pressing the WEEK until the correct day is shown.

Please note the clock will advance rapidly by leaving the HOUR or MIN button depressed whilst the CLOCK button is depressed.

### PROGRAMMING THE DAY OR DAY GROUP SETTINGS

Decide which days you want the timer to function on, you can see the days available by pressing the PROG button once, 1 ON will appear in the bottom left hand corner of the display.

By pressing the week button once you will see the day signs change above the time display. Please note the timer will only operate on those days displayed. By pressing the WEEK button again you can scroll through all the day options available, for instance if you do not want the timer to come on at the weekend select the Mo, Tu, We, Th, Fr setting. If you require the timer to operate everyday choose the Mo, Tu, We, Th, Fr, Sa, Su setting. After you have familiarised yourself with the day options available, return to the present time setting by pressing CLOCK.

### PROGRAMMING THE ON/OFF TIMES

2.1 Press PROG the display shows 1 ON.

2.2 Press HOUR, MIN and WEEK to set the time and day or day group you want the timer to switch on.

2.3 Press PROG again an 1 OFF will be displayed.

2.4 Press HOUR, MIN and WEEK to set the time and day or day group you want the timer to switch off.

2.5 There are 8 groups of Timer setting in any one day, by pressing PROG again you can enter 2 ON by following the above steps and then 2 OFF and so on until you have selected the timings you need. Please note that by pressing R at any time during programming you can cancel the setting, press R again and you can back step to the previous setting.

2.6 To return to normal running press CLOCK after you have finished programming.

### RANDOM TIMER ON/OFF

3.1 Press WEEK and HOUR at the same time, the display will show O on the right hand side, this means the ON timing and OFF timing will be between 2 and 32 minutes randomly per setting, for security, random on off lighting effects give the impression of the home being occupied and awake.

### TIMER ACTIVATION

4.1 Press ON/AUTO/OFF there is a line indicator on the display that moves to above the selection.

4.2 Press the indicator to ON the timer is in a permanent Power ON to the appliance.

4.3 Press the indicator to AUTO the timer will be switched ON/OFF as per your programme settings.

4.4 Press the indicator to OFF the timer is turned off.

NOTE: When using AUTO your appliance must be switched on or Timer cannot activate it.

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