

Electronic Plug-in Timer TDT7

Liquid Crystal Display (LCD) and integrated circuit are used in this digital timer. The timer has a large screen display, multi-functions, and is easy to use under heavy loads.

The digital timer display the present time accurately. It can control eight groups of on/off switches. It can provide a random timing output when required. There are also many combinations, such as hourly, daily, weekly, group of the week, for the timer on and off selection.

1. Setting of time

Before using the timer, present time must be set.

- 1.1 Press "**CLOCK**" and "**HOUR**" at the same time to set the hour.
- 1.2 Press "**CLOCK**" and "**MIN**" at the same time to set the minute.
- 1.3 Press "**CLOCK**" and "**WEEK**" at the same time to set the week.

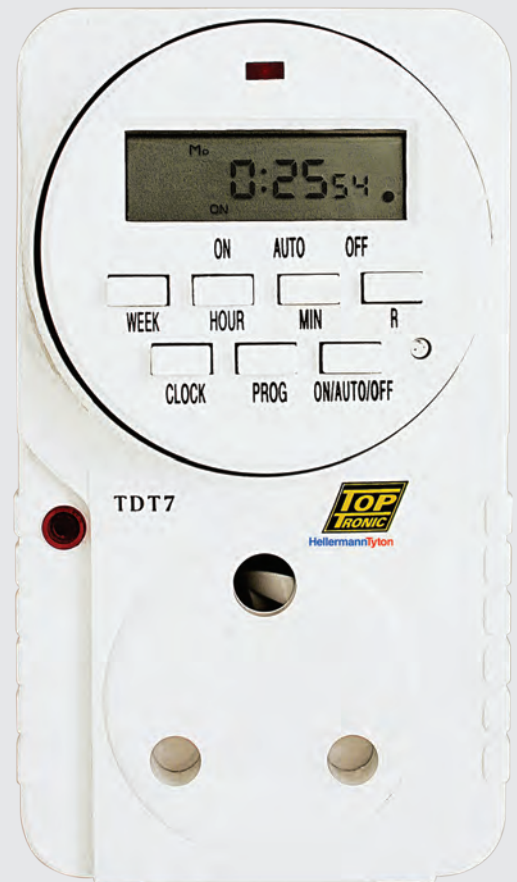
2. Setting of timer program

- 2.1 Press "**PROG**" for the setting mode. The display shows "**1 ON**".
- 2.2 Press "**HOUR**" , "**MIN**" and "**WEEK**" to set the hour and minute as well the day of the week for the timer on.
- 2.3 Press "**PROG**" again to set off time. The display shows "**1 OFF**".
- 2.4 Repeat 2.2 above for the off time.
- 2.5 Press "**PROG**" again to enter into the second on/off mode.
- 2.6 Repeat 2.1 to 2.4 for setting the timer on/off.

There are eight groups of timer settings. During time setting mode, press "**R**" to cancel the setting time. Press "**R**" again to go back to the previous set time.

3. Combination weekly setting

- 3.1 During the timer on/off setting mode, press "**WEEK**" once. The display will show **Mo, Tu, We, Th, Fr, Sa, Su**. This means it is a daily on/off setting.
- 3.2 Press "**WEEK**" again, the week day will show. Set the required week day. In this setting the timer will only work in the set week day.



Operating Manual

Johannesburg
Tel: (011) 879-6600
Fax: (011) 879-6603

Cape Town
Tel: (021) 594-7100
Fax: (021) 594 7130

Durban
Tel: (031) 492-0481
Fax: (031) 569-9909

Port Elizabeth
Tel: (041) 408-2400
Fax: (041) 453-0336

E-mail: jhb.sales@hellermann.co.za



3.3 After the display shows **Su**, pushing "**WEEK**" will show **Mo, Tu, We, Th, Fr**. The timer will provide only the settings for the working day of the week.

3.4 Press "**WEEK**" again, the display will show **Sa, Su**. That means the timer provides only the setting for the weekend.

3.5 Press "**WEEK**" again, the display will show the whole week except Sunday. That means the timer will work on all week days except Sunday.

3.6 Press "**WEEK**" again, the display will show **Mo, We, Fr**. The timer will work during these 3 days.

3.7 Press "**WEEK**" again, the display will show **Tu, Th, Sa**. The timer will work during these 3 days.

3.8 Press "**WEEK**" again, the display will show **Mo, Tu, We**. The timer will work during these 3 days.

3.9 Press "**WEEK**" again, the display will show **Th, Fr, Sa**. The timer will work during these 3 days.

Press "**R**" to cancel the week day settings. Press it again to go back to the previous week day.

4. Timer ON/OFF turn on or turn off mode

4.1 Press "**ON/AUTO/OFF**". There is an indicator in the display showing "**ON**", "**AUTO**" or "**OFF**" mode.

4.2 Press the indicator to "**ON**". The timer will provide a permanent 'Switch On' output.

4.3 Press the indicator to "**AUTO**". The timer will be switched on and switched off during the set time.

4.4 Press the indicator to "**OFF**". The timer is turned off.

5. Special functions

5.1 Press "**WEEK**" and "**HOUR**" at the same time. The display will show '**0**' on the right hand side. This means the On timing and Off timing will be extended from 2 minutes to 32 minutes randomly.

6. Notes

6.1 Output loading should not exceed 3500W/16A.

6.2 Before using the timer it is recommended to plug the unit into a power mains for a few hours to charge the battery of the timer.

6.3 The tolerance of the timer is 2 minutes per month.

6.4 '**Summer time**' can be added to the timer (optional, please contact your dealer).

6.5 This timer is 24-hour display. A 12- hour version is available, please contact your dealer.

This device is classified as type **I.B.S** according to **EN60730-2-7**.

This device is suitable for use in normal pollution situations.

Johannesburg
Tel: (011) 879-6600
Fax: (011) 879-6603

Cape Town
Tel: (021) 594-7100
Fax: (021) 594 7130

Durban
Tel: (031) 492-0481
Fax: (031) 569-9909

Port Elizabeth
Tel: (041) 408-2400
Fax: (041) 453-0336

E-mail: jhb.sales@hellermann.co.za

