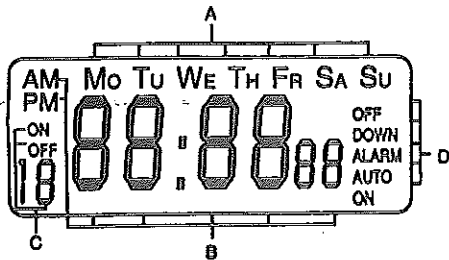


**MTD-12**

**DIGITAL MULTI-TIMER**

The electronic plug-in Multi-Timer with a 24 hour, 7 day ability to switch power on and off up to twelve times per day, including an alarm and count-down programme. The easy menu-assisted programming mechanism, using only 7 timer keys, ensures user-friendliness.



- DISPLAY**
- (A) Weekday display
  - (B) Time/Response time
  - (C) Programme display: 12 on/12 off
  - (D) On/Off/Auto/Count down/Alarm display

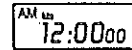
**OPERATING FEATURES**

1. **MENU** – Selected function and timer status
- ON Overrides programmed times. Timer is on permanently.
- AUTO** Automatically turns unit on and off as per programmed times.
- ALARM** This is used as a sound alarm for up to 59 seconds. By connecting a Siren it can be used in Schools and Factories.
- DOWN Timer is on for the duration of down count time programmed.
- OFF Disables and turns off Multi-Timer, except the digital clock.
2. **PROG.** – Programme key/start key in count down function
3. **RST/RCL** – Reset/Recall key
4. **CLOCK** – Time setting/Stop key in count down function
5. **WEEK/SEC** – Day setting/Second setting in alarm timer
6. **HOUR** – Hour setting key
7. **MIN** – Minute setting key
8. **LED DISPLAY** – Lights up when timer is switched on

**PROGRAMMING**

**A. Setting Day and Time**

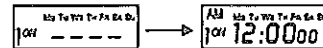
**Day Set** Hold down the "CLOCK" button and press the week button until correct day appears at the top of the display.



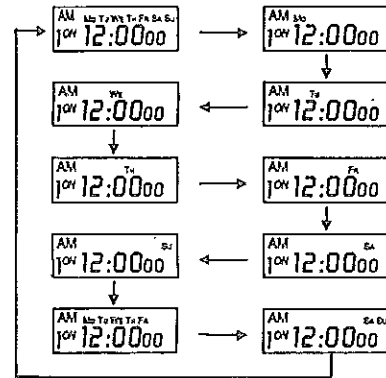
**Time Set** Hold down the "CLOCK" button and press the "HOUR" button until display indicates the correct hour. You may have to cycle through the hours twice to obtain the proper AM or PM (on the left side of display). Seconds will automatically reset to zero. Hold down the "CLOCK" button and press the "MIN" button until the display indicates the correct minutes. Seconds will automatically reset to zero.

**B. Setting the POWER ON/OFF TIMES**

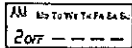
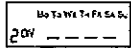
1. This part of the timer is activated in the auto function as programmed with the menu button. Press the "MENU" button until "AUTO" appears on the display to indicate that the Timer is ready to be programmed for "ON" and "OFF" time periods.
2. Push the "PROG" button once. "1 ON" will appear near the lower left of the display to indicate that the first POWER-ON time is ready to be programmed.
3. Press the "HOUR" and "MIN" buttons to enter your first ON TIME.



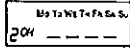
4. Press the "WEEK" button to select the desired day. These days appear along the top of the display. If "MO TU WE TH FR SA SU" all appear on the display, these days all have the same POWER-ON time for the selected program number. You can select "MO TU WE TH FR" as a group, or "SA SU" as a group, or a single day.



- Once steps 2-3-4 are completed, then press the "PROG" button, "1 OFF" now appears on the display to indicate that the first POWER-OFF time is ready to be programmed. Repeat steps 3 and 4 to enter your first desired POWER-OFF time.
- Press the "PROG" button, again "2 ON" appears on the display to indicate that the second POWER-ON time is ready to be programmed. Repeat the same procedure from steps 3 to 4 to enter the rest of your POWER ON/POWER OFF times. A maximum of 12 ON and 12 OFF can be programmed.



- Press the "PROG" button to step through the times you entered to ensure that they are correct.
- Press the "RST/RCL" button to reset or recall any timer entries. When you reset (disable) a particular POWER On/Off entry, four dashes will appear instead of time.



When you recall an entry, it will return to the programmed time that was set before you performed a reset.

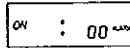
- Press the "CLOCK" button to return to the real clock display.

#### C. Setting Count-Down Timer

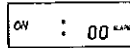
- Press the "MENU" button, "DOWN" appears on the display to indicate that the Count-Down time is ready to be programmed.
- Hold down the "CLOCK" button and press the "HOUR, MIN and SEC" buttons to enter the required Count-Down time.
- Press the "PROG" button to start Count-Down and press the "CLOCK" button to stop it. A maximum time that can be set in the Count-Down mode is 59 hours/ 59 minutes/ 59 seconds.

#### D. Setting the Sound Clock Alarm

- In this mode a Siren or Buzzer needs to be connected to the plug socket of the timer.
- Press the "MENU" button to select the alarm function, when "ALARM" appears on the display press the "PROG" button until seconds "00" appears at the bottom right of display.



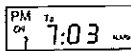
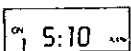
- If however the display shows "13" on the left of display, press the "RST/RCL" button in order to display seconds as described in step 2.
- Press the "WEEK/SEC" button to set the alarm sound period.



(from 00-59 seconds)

**NOTE:** The setting of the seconds in the alarm function will remain the same throughout all 24 possible alarm sound settings, i.e. If the seconds setting was set at 10 seconds, then the second, third up to 24 programmable alarm sound settings will all be at 10 seconds.

- Press "PROG" button to set alarm times. "1 ON" will appear on the left of display. Press "HOUR" button to set the hours and "MIN" button to set the minutes. Press "WEEK/SEC" button to select the day or days required. You can select "MO TU WE TH FR SA SU" as a group or "MO TU WE TH FR" as a group, or "SA SU" as a group, or as a single day. Finished the first setting.



- Press "PROG" button to set the second alarm, "1 OFF" will appear on the display (this is the program mode for the second alarm). You can start the second setting by repeating step 5.



- Note: ALARM 1 - "1 ON"  
 ALARM 2 - "1 OFF"  
 ALARM 3 - "2 ON"  
 ALARM 4 - "2 OFF"

Up to a maximum of 24 alarms

- Press the "CLOCK" button to return to the real-clock display.

#### TECHNICAL DATA:

Switching times	12 ON/12 OFF, up to 84 switching possibilities by programming MO-SU
Count-down	Max 59 hours/ 59 minutes/ 59 seconds
Alarm	24 Times per day, 1-59 seconds
Switching Load	16A/250V~4000W
Power Supply	230V~/50Hz
Battery	1x "AAA" 1.5V



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