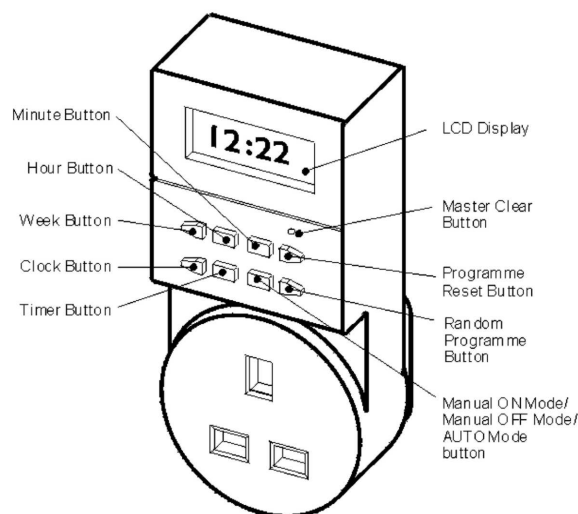# Daily / Weekly Electronic Timer

Features

- Up to eight ON and OFF switches a day.
- Minimum switching period one minute.
- Summer time / Winter time changeover.
- Easy to read LCD display.
- Random automatic ON/OFF security feature.
- Manual override button.
- Selectable 12<->24 hour mode.
- Built-in battery back-up.

Minute Button
Hour Button
Week Button
Clock Button
Timer Button

LCD Display
Master Clear Button
Programme Reset Button
Random Programme Button
Manual ON Mode / Manual OFF Mode / AUTO Mode button

Instructions for use

Before using your timer, please read the following instructions carefully and keep it for future reference.

Important safety note

- Do not use on an extension socket.
- Do not plug this timer onto another timer switch.
- Do not plug in any appliance where the load exceeds 3120 Watts 13 Amps.
- Do not plug any device performing mechanical movement directly into the timer.
- Always ensure the plug of any appliance is fully inserted into the timer outlet.
- Heaters and similar appliances should never be left unattended. It is recommended that these appliances not be connected to timers.
- Avoid moisture, extreme temperatures, shock and vibration.
- Use indoors only.
- Do not open the timer. No service part inside the timer.
- If cleaning of the timer is required, remove from mains and wipe with a dry cloth.
- Do not submerge in water or any other solvent.
- Keep out of reach of children.

Initiation

1. Plug the timer into mains for 12 hours to charge up the built-in backup battery.
2. After charging up, initiate the unit by *gently* pressing the MASTER CLEAR button with a pointer object such as ballpoint pen.
   (Never press the button hard as it can be permanently damaged)
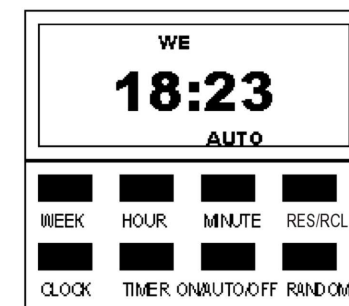3. The timer is now reset and ready for use.

Setting Current Time

Press and hold the CLOCK button. With this held pressed, the WEEK button can be used to select the correct day, the HOUR button to select the correct hour and MIN button to select the correct minutes. The days, hours and minutes can be advanced by either holding down or repeatedly pressing the appropriate button.

Example:
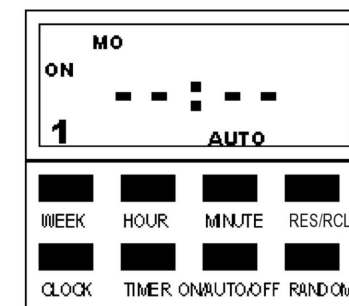Now is 18:23, Wednesday. Set the current time.
(a) Press and hold the CLOCK button.
(b) Press the WEEK button to select Wednesday – "WE".
(c) Press the HOUR button to set hour "18"
(d) Press the MINUTE button to set minute "23"
(e) Release the CLOCK button

Programming of switching times

1. The AUTO Time Switch has the capacity for eight ON/OFF switches. For each ON time and each OFF time, the days or blocks of days, hours and minutes must be set.

2. Press the TIMER button once to go to TIMER setting mode and ready to set the first ON time. You will see "ON" and the number "1" appear on the left of the LCD display. This indicates that you can now input the first ON time. (see right diagram)

3. 16 combinations of day or blocks of days are available for this Timer. Press the WEEK button to consecutively choose the required day or blocks of day that you want the TIMER switch ON per the sequence as shown in the following table.

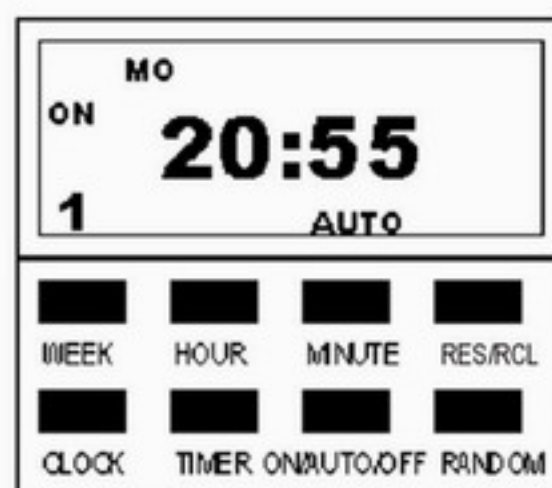| LCD DISPLAY SEQ\DAY	MO Mon	TU Tue	WE Wed	TH Thu	FR Fri	SA Sat	SU Sun
1	●						
2		●					
3			●				
4				●			
5					●		
6						●	
7							●
8	●	●	●	●	●	●	●
9	●	●	●	●	●		
10						●	●
11	●	●	●	●	●	●	
12	●		●		●		
13		●		●		●	
14	●	●	●				
15				●	●	●	
16	●		●		●		●

4. Then set the hours and minutes using the HOUR and MINUTES buttons respectively.

Example:
Set the timer ON time to 20:55, every Monday.
Ensure you are still in the TIMER setting mode. Otherwise, press TIMER button to enter the setting mode again
(a) Press the HOUR button to select "20".
(b) Press the MINUTE button to select "55".

5. When you have completed setting the required ON time, press the TIMER button to move onto the first OFF time setting. You will see "OFF" and the number "1" appear on the LCD display. You can now input the first OFF time by using the WEEK, HOUR and MINUTE buttons as you did when setting the ON time. (Ensure you select the same day, or block of days, as you did for the ON setting). Press the TIMER button to validate this entry.

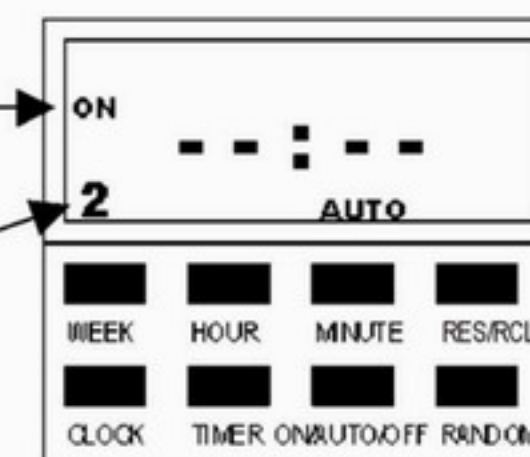Example:
Set the timer OFF time to 22:10, every Monday.
(a) Press the WEEK button to select "MO"
(b) Press the HOUR button to select "22".
(c) Press the MINUTE button to select "10".

6. 8 ON/OFF programmes can be set for the timer. You can advance to the remaining programmes by pressing the TIMER button if required. Setting your ON/OFF schedule 2 in the same way of setting as you did on programme 1.

Indicate you are setting timer ON or timer OFF schedule.

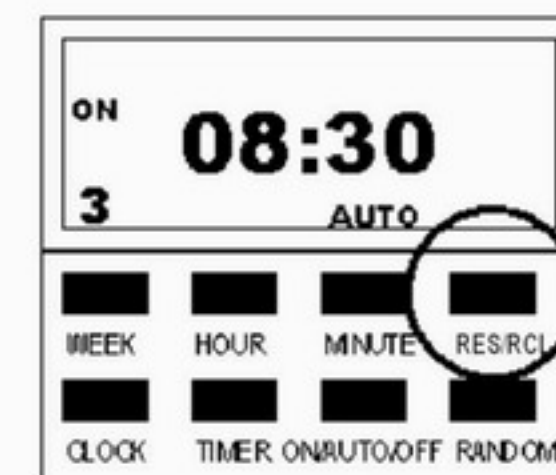Indicate which programmes you are setting right now i.e. programme 2.

7. When you have set the required ON/OFF settings, press the CLOCK button to return the display to the clock. The timer now is ready to operate.

NOTE: you can check/amend the settings you have programmed by pressing the TIMER button repeatedly. Each setting will appear on the screen in order.

Erasing programmes without master resetting
(a) Press TIMER button to select programme to be erased.
(b) Press RES/RCL button to erase the programme.
(c) To return to the display press the CLOCK button.

Example: Press the RES/RCL button to reset the number 3, timer ON programme.

Mode Selection

You can choose between three operational modes by pressing the ON/AUTO/OFF button.

(a) MANUAL OFF MODE: the timer to be permanently switched OFF. No power will be supplied to the adapted apparatus.

(b) MANUAL ON MODE: the timer to be permanently switched ON. Power will be supplied to the adapted apparatus. The apparatus can be switched ON and OFF by its own switch.

(c) AUTO MODE: the timer operates per the programmed settings. The apparatus will be switched ON and OFF per the timer's settings.

From MANUAL MODE to AUTO MODE, the timer will keep on the MANUAL MODE status until the next programmed setting commence.

NOTE: The programme settings only work in the AUTO MODE.

Random Automatic On/Off Function

1. With this option selected, the timer will switch ON and OFF in a random pattern overriding any programmed times. The random switching will operate a random ON/OFF cycle at least three times in the period between 6:00PM to 6:00AM.

2. To enter the Random Mode, press the RAMDOM button during the AUTO mode. An "RANDOM" will appear on the LCD display and the unit will start random switching. To exit Random Mode, press RANDOM button again.

12/24 hour mode

Press CLOCK and TIMER buttons simultaneously to switch between 12 and 24 hour mode. "AM" or "PM" will appear on the display on 12 hour mode.
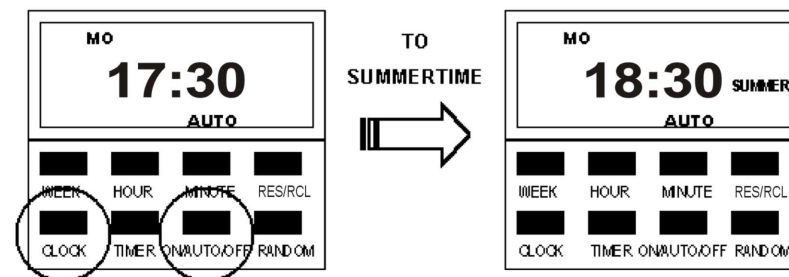
24 hour mode   12 hour mode

Switch-over summertime/wintertime

To change from wintertime to summertime, press the CLOCK and ON/AUTO/OFF buttons simultaneously in the AUTO mode. The clock will be set forward one hour and an "SUMMER" will appear on the display. Repeat the same procedure in order to return to wintertime.

Technical Specification

Type: TS-EE8
Input: 220-240V~ 50Hz
Maximum loading: 13A resistive load / 3120W
Minimum setting time: 1 minute
Operating temperature: -10 to +40 ^{o}C
Accuracy: +/- 1 minute per month
Battery backup: Ni-MH 1.2V > 100 hours

WASTE ELECTRICAL PRODUCTS SHOULD NOT BE DISPOSED OF WITH HOUSEHOLD WASTE. PLEASE RECYCLE WHERE FACILITIES EXIST. CHECK WITH YOUR LOCAL AUTHORITY FOR RECYCLING ADVICE.

ARGOS MK9 2NW