

12v DC Digital Timer

Please read the instructions fully before attempting installation.

IMPORTANT

This unit should be installed to current IEE wiring regulations.

- Timer must not be mounted on a flammable surface
- Ensure that the timer does not come into contact with any combustible material such as towels or bedding.

Install Set Up:

1. If the screen is completely blank then it will need to be plugged into an outlet before programming can begin. If the screen is displaying numbers then it can be programmed and plugged into the wall afterwards
2. Before programming, all the settings should be reset. The reset button is located just below the "HOUR" button. Please use a paperclip or ball point pen to push the "RESET" button. Once pressed the screen will show the display below. See **Diagram 'A'**

Diagram A



After a few seconds



Current Time Settings:

1. Keep the "CLOCK" button pressed during the entire setting operation
2. Press the "HOUR" button to set the hours
3. Press the "MIN" button to set the minutes
4. Press the "DAY" button to select the correct day
5. Release the "CLOCK" button. The time now should be correctly set

Programming the On/Off Times:

1. Press "SET" button once. Diagram B should appear.
2. 1 ON --- should be the first setting. There are a total of 20 On/Off settings

Diagram B

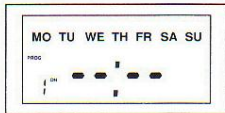
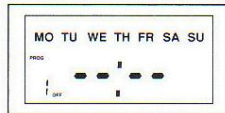


Diagram C



3. Press the "HOUR" and "MIN" buttons to set the ON time
4. Press the "DAY" button to select the day(s) that this setting is relevant to
5. Press the "SET" button to save and proceed to the 1 OFF --- screen **DIAGRAM C**
6. Repeat steps 1 through to 5 to set ON/OFF times. Pressing the "SET" button again will take you through the other 19 ON/OFF settings.

*Timer must be in the "Auto On" or "Auto Off" mode to work see "Switching Mode Indication" section

Multiple Weekday Switching Groups

Apart from individual week days pressing "DAY" button also selects day combinations such as:

- Monday thru Friday
- Saturday & Sunday
- Monday thru Saturday
- Monday, Wednesday & Friday
- Tuesday, Thursday & Saturday
- Monday thru Wednesday
- Thursday thru Saturday
- Mon thru Sunday

After selecting a particular day combination, the ON/OFF selection will be in effect on the day configuration selected from above

Reset Button


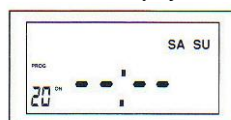
1. Press the "SET" button to select the ON/OFF setting that needs to be changed
2. Press the  button to reset the current ON/OFF settings in **Diagram D** without having to scroll through all the hours

Diagram D



Current time display

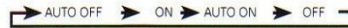


Switching Mode Indication

The actual mode is shown in the display as "ON", "AUTO ON", "OFF" or "AUTO OFF" together with the time of the day. Use the "MANUAL" button to adjust the desired setting; this can be used to override the timer as explained in the "Manual Override Operation" section.

Manual Override Option:

Independent of the programming, it is possible at any given time to advance to the next switching command by continuously pressing the key "MANUAL", as shown below:



ON = Always ON

OFF = Always OFF

AUTO ON = Timer is ON and ON/OFF program is activated

AUTO OFF = TIME is OFF and ON/OFF program is activated

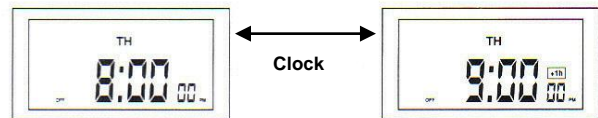
Daylight Saving Time (DST)

Press and hold the "CLOCK" button for 3 seconds to advance the current time by +1 hour. The +1hr icon should appear on the display.

Press and hold the "CLOCK" button again to decrease the time by 1 hour and the +1hr will disappear.

Refer to **Diagram E**

Diagram E



Power Back Up Feature

In the event of a power failure, the timer will retain its settings for an estimated 3 months assuming the power back up is fully charged

Wiring

Before starting any electrical work please switch off ALL electricity supply.

U1 = 12v Negative

U2-Com = 12v Positive input

No = 12v Positive output

Nc = Earth

Any electrical work should be carried out by a qualified electrician – warranty is only valid if installed by UK qualified electrician. You may be required to supply copies of electrician's certificate in the event of a warranty claim.

Ensure the earth to the switched appliance is maintained

Technical Data


12v DC

Maximum load 150w or 12A

CE Information

Action Type – IB

Pollution Situation – Normal

Class 2 insulation - 

Guarantee

This 12v DC Digital Timer is guaranteed for a period of 12 months from date of purchase.

Please retain for future reference

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