

# 30A Heavy Duty 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 at least a 300mm airspace is allowed around the timer

## 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

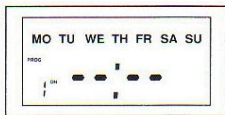
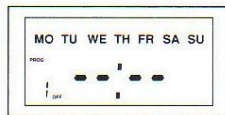


Diagram C



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


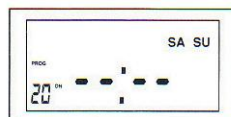
1. Press the "SET" button to select the ON/OFF setting that needs to be changed
2. Press the  button to reset the current ON/OFF settings in Diagram D without having to scroll through all the hours

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

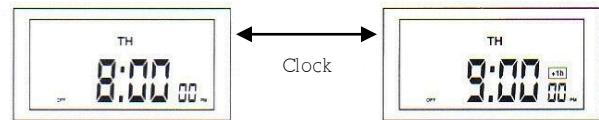
## Daylight Saving Time (DST)

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

## Installation

1. Switch off electric
2. Prepare cable ends for connection to the terminals
3. Open the cover to the box
4. Remove terminal cover
5. Attach the cables to the relevant terminals ensuring the rubber grommets to the cable entry are in place.
6. Ensure all terminal screws are fully tightened
7. Replace the terminal cover
8. Screw timer to wall
9. Close front cover

## Wiring

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

Neutral = Neutral In & Out

Live = Live In

Earth = Earth

Live Out = Live Out

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

Switching capacity: Max resistive load 30A or 6500w (resistive loads such as hot water or heating elements)

Max high pressure sodium (HPS) or metal halide lighting capacity is 6 x 600w or 3600w in total due to the high start up current.


Max compact fluorescent (CFL) lighting capacity is 4500w in total

Please note: at maximum load the relay contact life will be shorter that if used at lower loadings.

## CE Information

Action Type - IB

Pollution Situation - Normal

Class 2 insulation - 



- Micro-Disconnection Live Pole Only

## Guarantee

This 30A heavy duty digital timer is guaranteed for a period of 12 months from date of purchase.

Please retain for future reference

Lowenergie is a registered Trademark