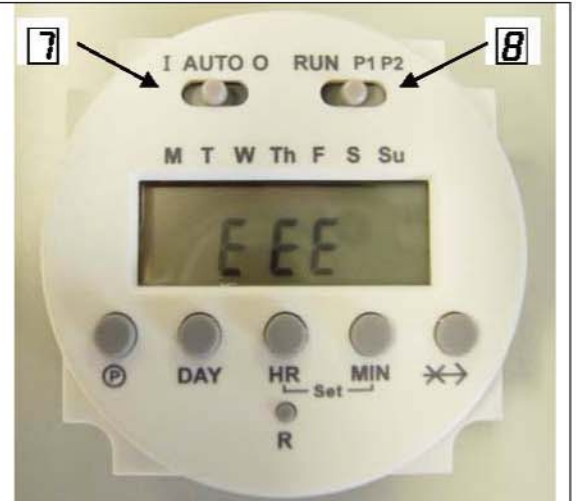


# User instructions

## For the Single and Two Channel Digital Internal Time Clock



### Initialising Timer / Setting current Time and Day

On removal from box the display will appear as shown above and **MUST** be Initialised before it can be used in any of the modes including the manual On/Off Function

To initialise timer / set time and day

- 1 Set program switches 7 to **AUTO** and 8 to **RUN**
- 2 Press **HR** and **MIN** buttons together for 3 seconds - display changes to **0:00** (: static)
- 3 Set current time - press button **HR** for the hour and **MIN** for minutes
- 4 Set current day - press button **DAY** until pointer is under correct day or group of days (**M - Su**)

Note: After 15 seconds the : flashes and timer starts

### Manual On / Off Function - Using the three position sliding switch 7

Position **I**                    **Manual ON** - move switch to position **I** and select which channel you are overriding by pressing the skip function key (**-X->**) once to change the HTG channel to ON and twice to change the DHW channel to ON - display shows **1** for HTG and / or **2** for DHW

Position **AUTO**                Switches HTG and DHW channels ON and OFF in accordance with programmed switch times

Position **O**                    **Manual OFF** - move switch to position **O** and select which channel you are overriding by pressing the skip function key (**-X->**) once to change the HTG channel to OFF and twice to change the DHW channel to OFF - display shows flashing **1** for HTG and / or flashing **2** for DHW

**NOTE:** On the single channel timer the DHW channel times will still be displayed but it is permanently wired for ON operation

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## Set switching times for Heating (single and two channel timer)

### - Channel P1 - (Combi and System boiler)

- 1 Set program switches 7 to **AUTO** and 8 to **P1** for Heating times - the display will show factory default times with a <sup>1</sup> to the right of the time and <sub>1</sub> below it (ie: **6:30<sup>1</sup><sub>1</sub>**) with the bulb symbol confirming channel **P1** and first ON switching position.
- 2 Set day or group of days using **DAY** button - use button to scroll between set choices, individual days or groups of days to suit needs (**M to F** or **S to Su** etc).
- 3 Edit first on time required for that day or group of days using **HR** and **MIN** buttons.
- 4 Press button **P** to select first off time - again factory default time is displayed with a <sup>1</sup> to the right of the time and <sub>2</sub> below it (ie: **8:30<sup>1</sup><sub>2</sub>**) without the bulb symbol confirming channel **P1** and first OFF switching position.

Repeat process for up to 8 pairs of ON/OFF switching times

#### NOTE:

- Odd numbers are ON and even numbers are OFF times – a “light bulb” symbol will also appear in the display to the right of the time during the ON time setting
- Any unused switching times should be checked and deleted to avoid them overriding any of your set times. To do so select the times not required and press buttons **-X->** and **P** together for 3-4 seconds, the display will change to **0:00** flashing confirming that the switching setting is deleted

Set program switch back to **RUN**, Timer will now operate the boiler in accordance with the switch times set

## Set switching times for Domestic Hot Water (two channel timer only)

### -Channel P2 - (System Boiler only)

- 1 Set program switches 7 to **AUTO** and 8 to **P2** for DHW times - the display will show factory default times with a <sup>2</sup> to the right of the time and <sub>1</sub> below it (ie: **6:30<sup>2</sup><sub>1</sub>**) with a light bulb symbol confirming channel **P2** and first ON switching position
- 2 Repeat process described above for channel **P1**

## Checking the set times or to edit / add new times

- 1 Set program switches 7 to **AUTO** and 8 to **P1** or **P2** - the display will show the first ON time set with the day or group of days it applies to.
- 2 Press button **P** to select first off time - again the display will show the first OFF time set with the day or group of days it applies to Repeat button **P** to scroll through each ON and Off setting time editing where necessary.

## Skip Function - Set Time override

When switch 7 is in the **AUTO** position it is possible to override the current programmed period by using the skip key (**-X->**) . For channel **P1** for HTG press once or channel **P2** for **DHW** press twice. This changes the current switching mode of the timer ON to OFF or from OFF to ON. The ON/OFF mode will revert to the pre-programmed times at the next programmed switching time

## Reset the Timer - R

#### WARNING !

Pressing the reset button **R** will return the timer to factory defaults times - delete the current time and day settings and require the timer to be initialised and re programmed again.