

The 102 Mini Programmer will control your Heating and Hot Water system automatically, to save you the trouble of having to manually switch the system on and off every day. It consists of one switch which controls your heating and hot water and a clock (timer) which allows you to decide when and how long your heating and hot water will be on for.

#### Setting the time of day

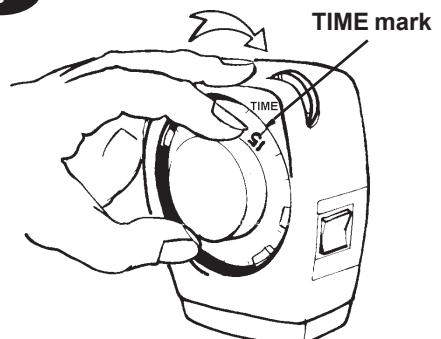
- Remove dial cover (turn slightly to the left and pull off)
- Turn the dial clockwise until the correct time is aligned to the TIME mark (Fig.1).

**IMPORTANT:** turn the dial **clockwise only**

**Remember:**

*You will have to re-set the time after a power-cut, and also when the clocks change in Spring and Autumn.*

Fig.1



A (Red)	= 1st ON
B (Blue)	= 1st OFF
C (Red)	= 2nd ON
D (Blue)	= 2nd OFF

#### Programming Event Times

There are four TAPPETS on your timing dial, two red and two blue. The **red** tappets are the **ON** switches and the **blue** tappets are the **OFF** switches (Fig.2).

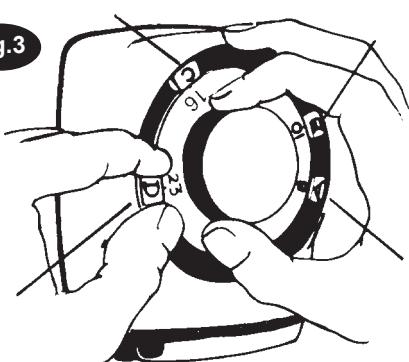
- 1 If not already done so, remove the dial cover (turn slightly to the left & pull off)
- 2 Decide when you want your hot water and heating to come on and go off. While gripping the dial knob slide the RED tappets to the required ON times and the BLUE tappets to the required OFF times (please note, the tappets may be quite stiff to move) Fig.3

**Example:**

If you want your system ON between 8am and 10am and again between 4pm and 11pm, set the tappets as shown. (A to 8, B to 10, C to 16, D to 23).

*Note: Tappets can be moved around the dial in a clockwise or anti-clockwise direction, as convenient.*

Fig.3



3. Ensure that the installer has removed the protective tape covering the pre-selector wheel.
4. Using the dial knob, rotate the dial completely at least twice, clockwise only, to clear the mechanism.

## Using the Programmer

The Rocker Switch on the side of the unit is used to select how your 102 controls your hot water & heating system. You can manually select either:

- hot water only (Fig.4)
- hot water & heating together (Fig.5)
- neither, system OFF (Fig.5)

The 102 unit is now set, and the current status of the timeswitch can be seen on the wheel at the top righthand corner of the unit, (e.g. "OFF UNTIL C"). Fig.6

## User Overrides

The pre-selector wheel can be used to override the set programme on occasions when you need to change from your normal heating routine.

By turning the wheel **anti-clockwise** you can turn the unit ON when it is OFF and vice versa (Fig.7).

### Example:

- Your programme is set so that your heating comes on at 4pm but you arrive home earlier than usual, at 2pm and need the heating ON immediately.
- Turn the wheel anti-clockwise until it displays ON UNTIL 'D' as shown.
- Thus the system is turned ON manually at 2pm but will revert to the set programme at the next operation (i.e. OFF at 11pm)

Some other useful pre-selections are:

#### ALL DAY ON (1 ON/1 OFF)

Turn the Wheel to display "ON UNTIL D".

#### ALL DAY OFF

Turn the Wheel to display "OFF UNTIL A".

*Note: Do not operate the pre-selector whilst a tappet is close to the TIME mark. This may cause the time of day setting of the clock to be altered, and the time would then need to be reset..*

Fig.4

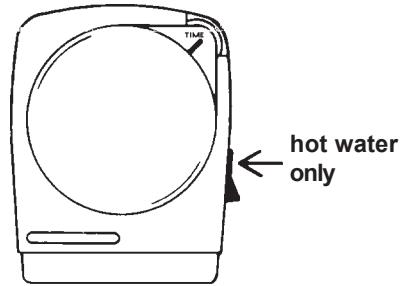


Fig.5

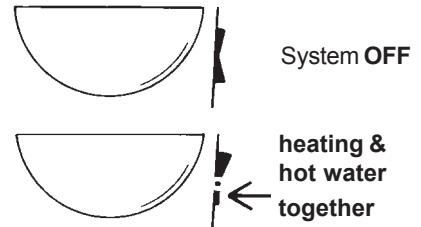


Fig.6

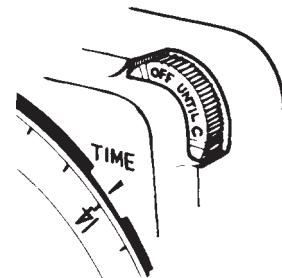
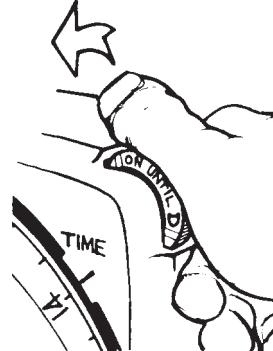


Fig.7



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