

Programming for daily operation (ie same times each day)

When switching the programmer on for the first time, or after pressing RESET, the status of the dip switches is displayed
2P 16 - (2P 2 ON/OFF periods - (16 fully pumped)).

NB: This is the standard factory style.

Drop the bottom door flap and with a ball-point pen or similar object, press the small Reset button to the right of the time adjustment button. The display will show the current states of the dip switch setting you have chosen:

2P 10: 2 programs per day, 10 mode
3P 10: 3 programs per day, 10 mode
2P 16: 2 programs per day, 16 mode
3P 16: 3 programs per day, 16 mode
Mo Tu We Th Fr Sa Su: Means all days are set to the same program

If while entering a switching time the word LIMIT should appear in the display you have tried to enter a switching programme that is not possible.

ie 1 ON 8.40AM
1 OFF 8.30AM

When first time programming or after pressing the Reset button, you must first set the clock time before you can enter any programme times.

1.1 Altering the clock

Move the vertical slider switch on the left, up to SET TIME, the time will flash. Now press either TIME+ or TIME- buttons to set the correct time. (Holding down the respective button will make the clock change at a fast speed.)

Once the correct time has been reached YES/NO appears. To store this time press YES and YES/NO will now disappear from the display.

Move the vertical slider switch back to RUN, thus completing the clock setting.

For Winter/Summer time changes DO NOT PRESS RESET follow normal operation above.

1.2 Changing the switching times (fully pumped systems) 16 mode with independant HW and CH switchings

To alter the switching times move the vertical slider switch to SET PRG. The display will now show CHYES/NO flashing.

Press YES - Display now shows ON 1 CH static, with 06.30 AM flashing.

1.3 Using TIME+, TIME- buttons, adjust to required time setting (10 minute increments). Press YES to store and move onto next switching time.

1.4 Repeat as in 1.3 to set remaining switching times.

You have now entered your programme times for your central heating.

The display shows HW and YES/NO flashing, and CH and COPY? static.

Press YES if you want the HW times to be identical to the CH times, press NO if you want different HW times - display shows HW 1 ON static and 6.30 AM flashing. Now set switching times for hot water HW as in 1.3.

1.5 Having completed the above the display will show CH YES/NO flashing, you have completed your programming. Now move the vertical switch to RUN. The correct time of day will now display along with two small bars on the left and right of your screen which point to your programme selection (switching patterns).

Initially these bars will show against OFF and you must now make your selection of switching patterns - see Selecting Switching Patterns.

1.6 Changing the switching times (gravity HW pumped CH systems) (10 mode) note: CH is not available without HW.

To alter the switching times move the vertical slider switch to SET PRG. Display shows HW CH YES/NO flashing. Press YES display now shows HW 1 ON, ON 1 CH static and 6.30 AM flashing. To set combined switching times use the TIME+, TIME- buttons, adjust to required time setting (10 minute increments). Press YES to store and move onto next switching time and repeat through each switching time after entering your last OFF. HW, CH and YES/NO flash again, you have completed your programming. Now move the vertical switch to RUN. The correct time of day will now display along with two small bars on the left and right of your screen which point to your programme selection (switching patterns).

HW ON a gravity system. HW must always be ON if CH is required.

ie.

	ON	OFF	
HW	6.20AM	8.30AM	✗
CH	6.00AM	8.30AM	

if you attempt to do this, LIMIT will appear.

	ON	OFF	
HW	6.00AM	8.30AM	✓
CH	6.20AM	8.30AM	

Selecting switching patterns

These are the various styles of switching available to you by use of the following buttons:

- AUTO - Programmer will operate across ALL programmed switching times.
- OFF - Always off - only + 1hr. operative.
- ON - Constant On. Never Off.
- ONCE - From first On to last Off.

ADV (Advance) - Only operates in AUTO or ONCE. Pressing ADV brings forward the next automatic switching time, eg from an ON time to the next OFF time and will automatically cancel at next switching time. If you wish to cancel Advance push ADV again. When Advance is in operation a black bar shows against ADV in the display.

+ 1hr. (also known as 'boost') - This button when pressed will either bring the unit on one hour if OFF, or extend by one hour in ON. To cancel just press + 1hr. again. When + 1hr. is in operation a black bar shows against + 1hr. in the display. Please note + 1hr. will also work when the unit is in any OFF position.

AUTO, OFF, ON, ONCE

To select the four positions listed above, push the buttons marked Select HW or CH located under the flap until the black bar for either the CH or HW systems are adjacent to your switching demands.

If you have set your programmer for 10 mode operation, ie gravity hot water with pumped central heating - please note the following - the system needs HW to be available for the CH to operate. The programs automatically adjust for this. Selecting AUTO, ON or ONCE for CH will automatically change the HW position to allow the central heating to operate. The programmer is fitted with 2 red LED's which will light only when the relevant relay is on, ie only when the central heating or hot water are on. If the HW is set to OFF, it will automatically set the CH to OFF also and no central heating will be available.



