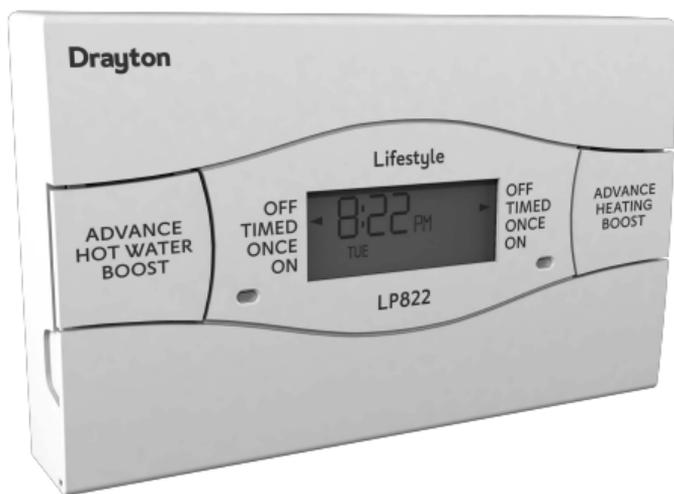


# Drayton Lifestyle

## Dual Channel Programmer

*for heating AND hot water*



*Installation and User Instructions*

# DUAL CHANNEL

06490197001 ISSD

# INSTALLATION INSTRUCTIONS

**PLEASE NOTE: INSTALLATION MUST ONLY BE CARRIED OUT BY A QUALIFIED ELECTRICIAN OR HEATING ENGINEER.**

**MAKE SURE MAINS INPUT HAS A 3 AMP FUSE.**

## TECHNICAL DATA

LP241Si, LP522Si & LP722Si PROGRAMMERS LP111Si & LP711Si TIMESWITCHES	
Voltage	230V a.c. +10% - 10% 50Hz
Programmer Rating	2 (1) A 230V a.c. each switch
Timeswitch Rating	2 (1) A 230V a.c.
Ambient temp	Operating: 0° to 45°C Storage: -20°C to 50°C
Without mains power	Display: blank Time: always kept Program times: always preserved
Programming resolution	1 minute
Wiring	Fixed wiring only, to comply with current IEE regulations
Maintenance	Must be maintained by a qualified electrician or heating engineer
Pollution degree	2
Software class	2
Ball pressure test temperature	75°C
Rated impulse voltage	2.5kV

The Lifestyle Programmer conforms to the essential requirements of these Directives:  
2014/30/EU – *Electromagnetic Compatibility Directive*  
2014/35/EU – *Low Voltage Directive*  
2012/19/EU *WEEE Directive*  
2006/66/EC *Battery Directive*

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## **BEFORE INSTALLATION**

First, make sure the mains supply is switched off!

## **USING AN EXISTING WALL-PLATE**

Loosen the securing screws on the old programmer and unplug it. Check that there's 70mm clearance to the right of the wall-plate, and 25mm above it. Now plug the Lifestyle unit into the wall-plate and tighten the securing screws. Check the 3A fuse, and switch on the mains.

## **FITTING A NEW WALL-PLATE**

The ideal location is 1.4m above floor level, with reasonable lighting, good access, no condensation, no extremes of temperature, and a supporting surface that fully covers the back of the unit.

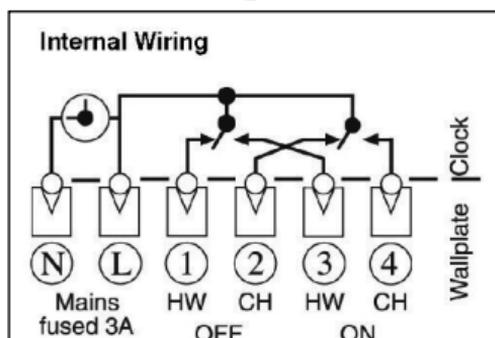
Position with 70mm clearance to the right, 25mm above, and sufficient room to access the securing screws underneath.

Fix, with terminals at the top, either direct to a flat wall using wall plugs and no. 6 x 1" woodscrews, or on a flush mounting single conduit box type UA1 (BS4662) using M3.5 x 14 bolts. **DO NOT USE A SURFACE MOUNTING BOX.**

## **WIRING THE WALLPLATE**

For surface wiring, snap out the cable entry strip on the bottom edge of the wall-plate. Lifestyle units are double-insulated and need no earth connection, but an earthing continuity (loop) terminal is provided for convenience.

### **Internal wiring**

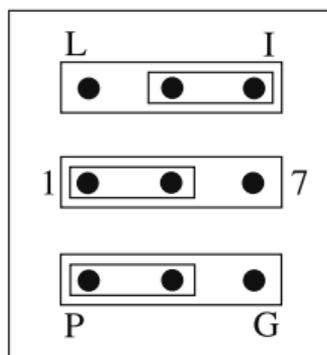


## **PRIOR TO MOUNTING THE PROGRAMMER SELECT THE PROGRAM SETTING**

The Universal Programmer is selectable, which means it must be set to the customer's requirements as part of the installation procedure. There are 3 options:

- 24-hour Program – same times, 7 days a week.
- 5/2-day Program – weekends different to weekday times.
- 7-day Program – every day of the week can be different
- Linked operation – central heating and hot water switch on and off at the same time.
- Independent operation- central heating and hot water switch on and off at different times

The factory setting is a 24-hour program with independent operation and a fully-pumped system. Any changes are made with the 3 plastic headers on the back of the unit - simply pull off the header and replace it in the new position.



L = Linked times.

I = Independent times

1 = 24-hour program.

7 = 7-day program

No header = 5/2-day program.

P = Pumped

G = Gravity

Plug in the unit and tighten the securing screws. Check the mains input has a 3A fuse, and switch on the mains.

**ALWAYS SWITCH OFF THE MAINS BEFORE  
REMOVING THE UNIVERSAL PROGRAMMER  
– AND NEVER FIT IT TO A LIVE WALL-PLATE!**

# USER'S INSTRUCTIONS

*If the engineer has set your program and timings – you won't need to do anything else. Just keep this guide in a safe place for future reference.*

## INTRODUCTION

*The Lifestyle Programmer will automatically control your central heating and hot water by switching them on and off at times that suit you. The two lights on the front of the Programmer show when they're on.*

Models	Your programmer is set as <sup>(1)</sup>	Instructions for the model are on page
24-hour		8
5/2-day		9
7-day		12

(1) Model to be ticked by the installer

## PREPARING TO PROGRAM YOUR SYSTEM

As your programmer has a built-in, factory set, clock, there is no need to set the time. However, should you need to, go to section "Setting the Clock" page 14.

*If the timings haven't been set for you, then this is how your programmer has been set at the factory. It's easy to make changes. Just go to the section on the program that's already been selected – 24-hour, 5/2 day or 7-day – and follow the simple instructions.*

Your programmer has been set with these standard times. They're based on the 5/2-day program, with different settings for the weekend, and central heating and hot water linked.

SWITCHING	WEEKDAYS	WEEKENDS
<b>ON 1</b> – start of first timed period	6.30am	7.00am
<b>OFF 1</b> – end of first timed period	8.30am	9.00am
<b>ON 2</b> – start of second timed period*	12.00pm	12.00pm
<b>OFF 2</b> – end of second timed period*	12.00pm	12.00pm
<b>ON 3</b> – start of third timed period	4.30pm	4.00pm
<b>OFF 3</b> – final switch-off of the day	10.30pm	11.00pm

\* Notice that the second period has the same ON and OFF times, which means neither your central heating nor hot water will respond. If you want to activate this middle period, simply set different ON and OFF times.

SELECT    SET?   YES/-   +    SELECT

### Remember:

- Make your changes using the SET?, YES/-, and + buttons on the programmer, found under the bottom flap.
- You can't set ON1 as the last timing before midnight, but you can set OFF3 after midnight – providing it's not more than 23 hours and 59 minutes after ON1.
- You need to set the timings in sequence – i.e. ON1, OFF1, ON2, OFF2, ON3, OFF3. If you get out of sequence, the display will flash a warning.

## DAY-TO-DAY VARIATIONS

*Sometimes you might need to change the way you use your central heating or hot water temporarily – perhaps due to an unusually cold day, or exceptional demand for hot water.*

*Here's how to do it – without affecting your program.*

### Switching on and off

On the front of the programmer there are two **Advance/Boost** buttons – one for central heating and one for hot water. They allow you to switch your system either on or off, irrespective of the program. So if the heating or hot water is off, and you want warmth or hot water now, you can either –

1. Press **Advance** to switch it on (ADV will be displayed), and it will stay on until the end of the next period. Or if the heating/hot water is on and you don't need it, press Advance and it will go off until the beginning of the next ON period.

Advance will only operate in TIMED or ONCE modes.

2. Press & Hold **Boost** to switch on for an extra hour (*b1* & BST will be displayed), then Press again for two (*b2*) or three (*b3*) hours. To cancel Boost, Press Boost again (*b0*). Or if the heating/hot water is already on, using Boost will extend the ON time by one, two or three hours.

### Over-riding the program



On each side of the display there are four operating modes – one group for central heating, the other for hot water. You can

change modes with immediate effect by using the appropriate SELECT button. This won't alter the timings in your program, which you can return to by selecting TIMED.

- OFF** = continuously off.
- TIMED** = on for up to 3 periods a day.
- ONCE** = on for 1 period a day, from the start of ON1 to the end of OFF3.
- ON** = continuously on.

## THE 24-HOUR PROGRAM

*This is the simplest program – every day's the same. Just follow the sequence, setting the central heating times first – then the hot water.*

*Want to leave a timing as it is? Just press SET? and move on to the next one.*

*Need to delete your timings and start again? Press 'SET' and '+' together to go back to the pre-set program.*

*If you don't press anything for two minutes, the programmer automatically goes back to normal operation.*

These instructions are for setting the central heating and hot water independently on a 24-hour cycle that will be the same for every day of the week. If your settings are linked, then CH and HW won't appear in the display and you'll only need to go through the procedure once.

### Set the central heating

- Press the SET? button and you'll see 'SET PROG?'.



- Press the YES button, and the display will ask 'SET CH PROG?'



- Press YES and you'll see ON1, the start of your first central heating period. Adjust it in 1-minute steps using the – and + buttons. If the – and + buttons are held down, the time changes in 10-minute steps.



- Press SET?, and you'll see OFF1, the end of your first central heating period. Adjust this in the same way, press SET?, then repeat the procedure for ON2, OFF2, ON3 and OFF3.



## Set the hot water

- When you press SET? after setting OFF3 for the central heating, the display will ask 'SET HW PROG?'



- Press YES, then set your times in the same way. Remember, in this mode you can have different times to your central heating if you wish.
- When you press SET? after setting OFF3 for the hot water, the programmer will return to normal operation.

## THE 5/2 DAY PROGRAM

*Here you've got the option of changing times for the weekends to cope with different demands. Just follow the sequence, setting weekdays first.*

*Want to leave a timing as it is? Just press SET? and move on to the next one.*

*Need to delete your timings and start again? Press 'SET' and '+' together to go back to the pre-set program.*

*If you don't press anything for two minutes, the programmer automatically goes back to normal operation.*

These instructions are for setting your central heating and hot water independently, with the same timings for weekdays and different ones for the weekend. If your settings are linked, then CH and HW won't appear in the display and you'll only need to go through the weekday and weekend phases once.

## Set weekday central heating

- Press the SET? button and you'll see 'SET PROG?'.



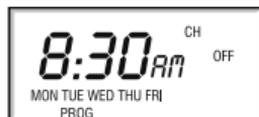
- Press the YES button, and the display will ask 'SET CH MON to FRI PROG?'



- Press YES and you'll see ON1, the start of your first central heating period. Adjust it in 1-minute steps using the – and + buttons. If the – and + buttons are held down, the time changes in 10-minute steps.



- Press SET?, and you'll see OFF1, the end of your first central heating period. Adjust this in the same way, press SET?, then repeat the procedure for ON2, OFF2, ON3 and OFF3.



## Set weekday hot water

- When you press SET? after setting OFF3 for the central heating, the display will ask 'SET HW MON to FRI PROG?' .



- Press YES, then set your times in the same way. Remember, in this mode you can have different times to your central heating if you wish.

## Set weekend central heating

- When you press SET? after OFF3 for the weekday hot water, the display will ask 'SET CH SAT SUN PROG?'.



- Press YES to confirm, and alter the times in the same way.

## Set weekend hot water

- When you press SET? after OFF3 for the weekend central heating, the display will ask 'SET HW SAT SUN PROG?'. Press YES, and follow the procedure.
- When you press SET? after OFF3 for HW SAT SUN, the programmer will return to normal operation.

## THE 7-DAY PROGRAM

*This is where you can have different timings for every day of the week, if necessary. Just follow the sequence, setting weekdays first.*

*Want to leave a timing as it is? Just press SET? and move on to the next one.*

*Need to delete your timings and start again? Press 'SET' and '+' together to go back to the pre-set program.*

*If you don't press anything for two minutes, the programmer automatically goes back to normal operation.*

These instructions are for setting your central heating and hot water independently, with the possibility of having different timings for each day of the week. If your settings are linked, then CH and HW won't appear in the display and you'll only need to go through process once.

### Set all weekdays

First you set the times that are going to be the same for each weekday, then you can select each day individually and make any further adjustments. If you want each day to be quite different, go straight to 'Set each day.'

- Press the SET? button and you'll see 'SET PROG?'



- Press the YES button, and the display will ask 'SET MON to FRI PROG?'



- Press YES, and the display will ask 'SET CH MON to FRI PROG?'



- Press YES, and you'll see ON1, the start of your first central heating period. Adjust it in 1-minute steps using the – and + buttons. If the – and + buttons are held down, the time changes in 10-minute steps.



- Press SET?, and you'll see OFF1, the end of your first central heating period. Adjust this in the same way, press SET?, then repeat the procedure for ON2, OFF2, ON3 and OFF3.



- When you press SET? after setting OFF3 for the weekday central heating, the display will ask 'SET HW MON to FRI PROG?' .



- Press YES, then set your hot water times in the same way. Remember, in this mode you can have different times to your central heating if you wish.

## Set each day

If, after you've set OFF3 for your hot water, you want to fine-tune one or more weekdays, press SET? until you find the first day you want to adjust – then go through the procedure, altering any time you wish. Press SET? to move on to the next day. When you've finished, press SET? until you see 'SET SAT SUN PROG?'



If you don't want to alter any individual days, keep pressing SET? until you see 'SET SAT SUN PROG?'

## Set weekend



- Press YES, and alter the central heating and hot water times in the same way.

## Set each day

If, after you've set OFF3 for your weekend hot water, you want to fine-tune Saturdays or Sundays, press SET? until you find the first day you want to adjust – then go through the procedure, altering any time you wish. Press SET? to move on to the next day. When you press SET? after setting your hot water for Sundays, the programmer will go back to normal operation.



If you don't want to alter either day, keep pressing SET? until the programmer goes back to normal operation.

## SETTING THE CLOCK AND DATE

*Applicable to all models*

### Setting the Clock

*The clock in your programmer has been set at the factory, and automatically keeps time and date, even during power loss, and accounts for British Summer Time. However, should you wish to set the clock or date proceed as follows:*

- Press the SET? button twice and you'll see SET CLOCK?.



## Set the hour

- Press YES once, and then the hour will start to flash. Use the – and + buttons to set the hour, checking for AM and PM.



## Set the minute

- Press SET?, and the minutes will start to flash. Use the – and + buttons to set the exact time.



- Press SET?, and 'SET DATE?' appears in the display.

If you want to change the date, then carry on to the next section.  
If not, press SET? to go back to normal operation.

## SETTING THE DATE

*The weekday is automatically calculated from the date, so if the weekday is incorrect you'll need to reset the date.*

- Press the SET? button three times and you'll see SET DATE?.



## Set the year

- Press YES and the year will start to flash. Use the – and + buttons to adjust.



## Set the month

- Press SET? and the month will start to flash. Use the – and + buttons to adjust.



## Set the day

- Press SET? and the day will start to flash. Use the – and + buttons to adjust.



## Set the Day Light Saving

- Press SET? and the current DLS status will start to flash for day light saving (British Summer Time). Use the – and + buttons to turn on or off.



Press SET? to go back to normal operation.