

Installer note: After installation, tear along perforations indicated and retain this section - only leave the User instructions with the end user

# Drayton Lifestyle

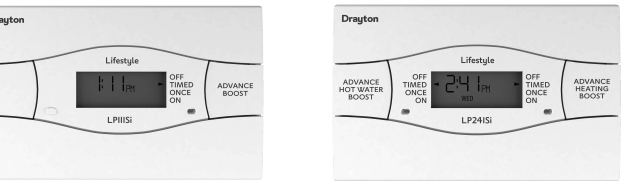
## SERVICE INTERVAL

**SINGLE CHANNEL**  
Timeswitch

**DUAL CHANNEL**  
Programmer

for heating **OR** hot water

for heating **AND** hot water



LP111Si, LP711Si

LP241Si, LP522Si, LP722Si

## SINGLE CHANNEL

## DUAL CHANNEL

## Installation Instructions

Technical Helpline: 0333 7000622  
Email: customer.care@draytoncontrols.co.uk  
Web: www.draytoncontrols.co.uk

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

Lifestyle Programmers and Timeswitches conform to the essential requirements of these Directives:

2014/30/EC – Electromagnetic compatibility

2014/35/EC – Low voltage

### BEFORE INSTALLATION

First, make sure the mains supply is switched off!

### PROGRAMMER ONLY

The programmer must be set to the type of system it is to control. The link on the back of the unit has two settings – P and G.

P = a fully pumped and controlled system – allowing heating and hot water to be set separately.

G = a gravity-fed hot water system – which does not allow independent setting of heating without hot water, though hot water can be controlled alone.

### 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. Check the chart on the next page to compare terminals and if necessary, change the wiring of the wall-plate to suit. 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" (25mm) woodscrews, or on a flush mount-ing single conduit box type UA1 (BS4662) using M3.5 x 14 bolts. DO NOT USE A SURFACE MOUNTING BOX.

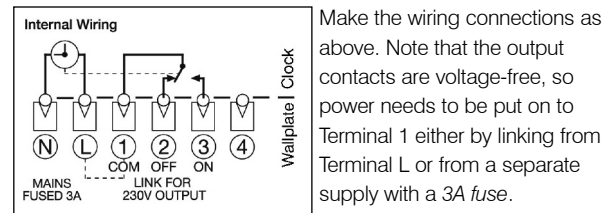
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TIMESWITCH TERMINAL COMPARISONS									
MAKE	MODEL	Earth	Neutral	Live	Common	On	Off	Spare	
Current Models									
Drayton	Tempus 1, 2 (new models)	N	L	1	2	3	4		
Drayton Lifestyle	LP111, LP711, LP111S, LP711Si	N	L	1	2	3	4		
Switchmaster	300	N	L	4	1				
Discontinued/Competitors' Models									
ACL	TC (Towerchron)		2	1	4	7			
Drayton	SM1		N	L	1	2	3	4	
Drayton	mGenie Wish 1		N	L	1	2	3	4	
Drayton	MTimeMT71R, MTime RF Pack1		N	L	1	2	3	4	
Drayton	Tempus 1, 2 (old models)		N	L	1	2	3	4	
Switchmaster	980		N	L	4	1			
British Gas	EMT2, UT1, UT2		N	L	1	3	2	4	
Danloss Randall	TS15, 75 (Mk18)	E	N	L	1	4	2	5/6	
Danloss Randall	TS715, TS715Si		N	L	1	4	2	3	
Danloss Randall	TS975	E	N	L	5	4	6	1,2,3	
Danloss Randall	SET1, SET1E	E	N	L	5	4	6		
Danloss Randall	SET4	E	N	L	5	4	6		
Danloss Randall	103, 103E, 103E5, 103E7	4	5	6	3	1		2	
Danloss Randall	911, 971	E	N	L	5	6	4	2	
Grasslin Towerchron	QE1		N	L	2	4			
Grasslin Towerchron	T2001, T2001Q	E	N	L		7			
Honeywell	ST 6100A, ST 6100C		N	L	1	4	2		
Honeywell	ST 7000B		N	L	1	2	3	4	
Horstmann	Centaur SC1, SC7			L		3	2		
Horstmann	Centaur Plus, C11, C17, C17-ZW		N	L	2	4	3		
Horstmann	Emerald 423, Pearl Auto		N	L	2	4	3		
Horstmann	517, Coronet, H11, H17	E	N	L	3	4			
Landis & Staefa	RWB3		N	L		4	3		
Landis & Staefa	RWB30, RWB50, 100, 152, 170		N	L	4		3		
Landis & Staefa	RWB7	E	N	L	2	4	3		
Myson	Microtimer (link L-5 and 5-8)		E	N	L	5	4	6	
Myson	MEPIC		N	L	1	3	2	4	
Potterton Myson	EP4000, 4001, 4002, 5002		N	L	5	4	2		
Salus	EP101, SP120		N	L	4	3			
Sangamo	M6		E	4	6	3	1		
Smiths	Controller Mk1, Mk2		N	L	3	2			
Smiths	Controller 30		1	2		3/4			
Smiths	Controller 300, 980		N	L	4	1			
Sunvic	Select 107, SunPro1000		N	L	1	3	2	4	
Sunvic	SP20, SP35		N	L	3	5	4	5	
Venner	Vennerette		N	L	LINE	LOAD			

PROGRAMMER TERMINAL COMPARISONS									
MAKE	MODEL	Earth	Neutral	Live	Common	On	Off	Spare	
Current Models									
Drayton	Tempus 3, 4, 6, 7 (old models), Tempus 6, 7	N	L	1	2	3	4		
Drayton Lifestyle	LP112, LP241, LP522, LP722	N	L	1	2	3	4		
Switchmaster	400, 600 (no connection to terminal 4 on 600)	N	L		4	3	1		
Switchmaster	805, 900, 900i	N	L	4	2	3	1		
Discontinued/Competitors' Models									
ACL	MP (Towerchron)		2	1					
ACL	FP (Towerchron)		2	1	8	11	6	10	
Drayton	SM2		N	L	1	2	3	4	
Drayton	mGenie Wish 2		N	L	1	2	3	4	
Drayton	MTime MT721R, MTimeRF Pack 2 & 3		N	L	1	2	3	4	
British Gas	EMP2, UP1, UP2		N	L	1	2	3	4	
Danloss Randall	CP15, CP715, FP715, FP715 (Mk18)	E	N	L	1	2	3	4	
Danloss Randall	3020P, 3060	E	7	6			4	2	
Danloss Randall	4033 (link 1-6)	E	7	6	5	3	4	2	
Danloss Randall	102, 102E, 102E5, 102E7 (link 6-3)	E	5	6			1	2	
Danloss Randall	701 (link L-5 and 5-6)	E	N	L			3	1	
Danloss Randall	702 (link L-5 and 5-6)	E	N	L	4	2	3	1	
Danloss Randall	922, 972 (link L-2 and 2-5)	E	N	L	1	4	3	6	
Danloss Randall	SET2, SET2E, SET3E, SET3M, FP975	E	N	L	3	6	1	4	
Danloss Randall	SET5 (link L-2 and 2-5)								
Grasslin Towerchron	DP 72, QE2		N	L	1	2	3	4	
Honeywell	ST 699/799 (link L-5 and 5-8)		N	L	7	4	6	3	
Honeywell	ST 6200, ST 6300, ST 6400, ST 6450		N	L	1	2	3	4	
Honeywell	ST 7100 (link L-3 and 3-6)		N	L	7	4	8	5	
Horstmann	525, 527, 425 Diadem, H21, H27, H121, Tiara (link L-2 and 2-5)	E	N	L	3	6	1	4	
Landis & Staefa*	RWB2, RWB2E, 20, 40, 102, 200, 252 & 270, RWB9		N	L	1	2	3	4	
Myson	Microtimer (link L-5 and 5-8)		N	L	7	4	6	3	
Myson	MEP2C		N	L	1	2	3	4	
Potterton Myson	All EP2000's, EP3000's, EP6000's (link L-5 and N-N)		N	L	1	2	3	4	
Potterton Myson*	Mini Minder		N	L	1	2	3	4	
Salus	EP200, SP220		N	L	1	2	3	4	
Sangamo	M5 (link 1-6)		N	L			1	8	
Sunvic	Select 207, SunPro 2000		N	L	1	2	3	4	
Sunvic	SP50, SP100 (link L-3)		N	L	1	4	2	5	

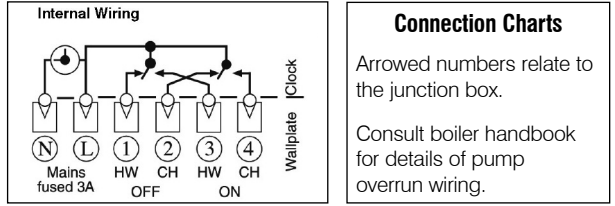
\* Can simply be removed from the backplate and replaced without any disturbance to the existing wiring.

### WIRING THE TIMESWITCH



### WIRING THE PROGRAMMER

**USING A DRAYTON SIMP-L-FIT, ALTHOUGH NOT NECESSARY, WILL MAKE THIS INSTALLATION EASIER.**



*Thermostat Key	Wiring Colour Codes
C Common	GR Grey
H Call for Heat	Y Yellow
S Satisfied	BK Black
N Neutral	BL Blue
E Earth	BR Brown
L Live	RD Red
	W White
	OR Orange
	YG Yellow/Green

# Drayton Lifestyle

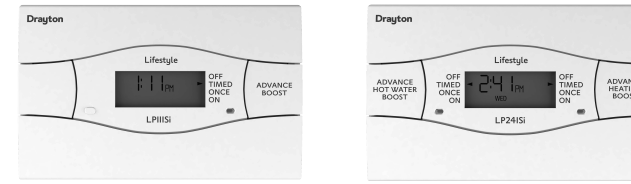
## SERVICE INTERVAL

### SINGLE CHANNEL Timeswitch

### DUAL CHANNEL Programmer

for heating **OR** hot water

for heating **AND** hot water



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## SINGLE CHANNEL

## DUAL CHANNEL

## User's Instructions

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### What is a programmer?

...an explanation for householders

Programmers allow you to set 'On' and 'Off' time periods. Some models switch the central heating and domestic hot water on and off at the same time, while others allow the domestic hot water and heating to come on and go off at different times.

Set the 'On' and 'Off' time periods to suit your own lifestyle. On some programmers you must also set whether you want the heating and hot water to run continuously, run under the chosen 'On' and 'Off' heating periods, or be permanently off.

The time on the programmer must be correct. Some types have to be adjusted in spring and autumn at the changes between Greenwich Mean Time and British Summer Time.

You may be able to temporarily adjust the heating programme, for example, 'Override', 'Advance' or 'Boost'. These are explained in the manufacturer's instructions.

The heating will not work if the room thermostat has switched the heating off. And, if you have a hot-water cylinder, the water heating will not work if the cylinder thermostat detects that the hot water has reached the correct temperature.



## User's Instructions

## TIMESWITCHES

### INTRODUCTION

Lifestyle Timeswitches will automatically control your system by switching it on and off at times that suit you. The light on the front of the timeswitch shows when it's on.

■ LP111Si – a 24hr program, up to 3 heating periods each day, and every day the same.

■ LP711Si – a 7-day program, allowing for different timings on each day of the week, up to 3 heating periods each day.

If the engineer hasn't set your timings for you, your timeswitch will work with a standard program that has been set at the factory. If this doesn't suit you, it's very easy to change it – when you've read this introductory section, simply turn to the page for your timeswitch model.

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.

SWITCHING
<b>ON 1</b> – start of first timed period
<b>OFF 1</b> – end of first timed period
<b>ON 2</b> – start of second timed period
<b>OFF 2</b> – end of second timed period
<b>ON 3</b> – start of third timed period
<b>OFF 3</b> – final switch-off of the day

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.

### DAY-TO-DAY VARIATIONS

Sometimes you might need to change the way you use your system temporarily – perhaps due to an exceptionally cold day.

Here's how to do it – without affecting the timings in your program.

### Switching on and off

On the front of the timeswitch there is an **Advance/Boost** button. It allows you to switch your system either on or off, irrespective of the program. So if the heating is off, and you want warmth 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 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 is already on, using Boost will extend the ON time by one, two or three hours.

### Over-riding the program

At the side of the display there are four operating modes:

**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.

Use the SELECT button under the flap to change the mode. This won't alter the timings in your program, which you can return to by selecting TIMED.

### THE LP111Si 24hr ELECTRONIC TIMESWITCH

LP111Si – a 24hr program, up to 3 heating periods each day, and every day the same.

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

If you need to reset your timings to the standard program and start again, press 'SET' and '+' together to go back to the pre-set program.

### The standard program

Your system will come on for up to 3 heating periods every 24hrs. ON1 starts the first one, OFF1 finishes it, and so on. Notice that ON2 and OFF2 are set to the same time.\* This means your system won't respond, but if you want to activate that middle period or change any other timings – read on.

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

### Changing the timings

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

SET? YES/- + SELECT

○ ○ ○ ○

■ Press the YES button, and you'll see ON1, the start of your first 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 heating period. Adjust this in the same way, press SET? then repeat the procedure for ON2, OFF2, ON3 and OFF3

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

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

Press SET?, and you'll see OFF1, the end of your first 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, the timeswitch will return to normal operation.

