Drayton Lifestyle

SINGLE CHANNEL	DUAL CHANNEL
Timeswitch	Programmer
for heating OR hot water	for heating AND hot water

LP111, LP711   LP112, LP241, LP522, LP722

SINGLE CHANNEL   DUAL CHANNEL

Installation Instructions
06490033001   ISS L

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

Lifestyle Programmers and Timeswitches conform to the essential requirements of these Directives:
2014/30/EU – Electromagnetic Compatibility Directive
2014/35/EU – Low Voltage Directive

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 mounting single conduit box type UA1 (BS4662) using M3.5 x 14 bolts. DO NOT USE A SURFACE MOUNTING BOX.

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, LP111Si, 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	miGenie Wish 1	N	L	1	2	3	4	
Drayton	MiTimeMT711R, MiTime 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		3	2		4
Danfoss Randall	TS15, 75 (Mk18)	E	N	L	1	4	2	5/6
Danfoss Randall	TS715, TS715Si		N	L	1	4	2	3
Danfoss Randall	TS975	E	N	L	1	4	6	1,2,3
Danfoss Randall	SET1, SET1E	E	N	L	5	4	6	
Danfoss Randall	SET4	E	N	L	5	4	6	
Danfoss Randall	103, 103E, 103E5, 103E7	4	5	6	3	1		2
Danfoss 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	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	Centroller Mk1, Mk2	N	L	3		2		
Smiths	Centroller 30	1	2			3/4		
Smiths	Centroller 300, 980	N	L	4	1			
Sunvic	Select 107, SunPro/1000	N	L	1	3	2	4	
Sunvic	SP20, SP35	N	L	3	5	4	4	5
Venner	Vennerette	N	L	LINE	LOAD			

PROGRAMMER TERMINAL COMPARISONS

MAKE	MODEL	Earth	Neutral	Live	Ch1 on	Ch2 on	Ch3 on	Ch4 on
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	miGenie Wish 2	N	L	1	2	3	4	
Drayton	MiTimeMT721R, MiTimeRF Pack 2 & 3	N	L	1	2	3	4	
British Gas	EMP2, UP1, UP2	N	L	1	2	3	4	
Danfoss Randall	CP15, CP715, FP15, FP715 (Mk18)	E	N	L	1	2	3	4
Danfoss Randall	3020P, 3060	E	7	6			4	2
Danfoss Randall	4033 (link 1-6)	E	7	6	5	3	4	2
Danfoss Randall	102, 102E, 102E5, 102E7 (link 6-3)	E	5	6			1	2
Danfoss Randall	701 (link L-5 and 5-6)	E	N	L			3	1
Danfoss Randall	702 (link L-5 and 5-6)	E	N	L	4	2	3	1
Danfoss Randall	922, 972 (link L-2 and 2-5)	E	N	L	1	4	3	6
Danfoss Randall	SET2, SET2E, SET3E, SET3M, FP975 / SET5 (link L-2 and 2-5)	E	N	L	3	6	1	4
Grasslin Towerchron	DP 72, QE2	N	L				5	
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

Internal Wiring
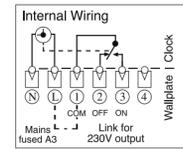
Make the wiring connections as above. Note that the output contacts are voltage-free, so power needs to be put on to Terminal L either by linking from Terminal L or from a separate supply with a 3A fuse.

WIRING THE PROGRAMMER

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

Connection Charts
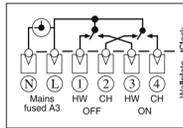
Arrowed numbers relate to the junction box.

Consult boiler handbook for details of pump overrun wiring.

*Thermostat Key
C Common
H Call for Heat
S Satisfied
N Neutral
E Earth
L Live

Wiring Colour Codes
GR Grey
Y Yellow
BK Black
BL Blue
BR Brown
RD Red
W White
OR Orange
YG Yellow/Green

Drayton Lifestyle

SINGLE CHANNEL	DUAL CHANNEL
Timeswitch	Programmer
for heating OR hot water	for heating AND hot water

LP111, LP711   LP112, LP241, LP522, LP722

SINGLE CHANNEL   DUAL CHANNEL

User Instructions
06490033001   ISS L

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.

Crystal Mark
Clarity approved by Plain English Campaign

User's Instructions
TIMESWITCHES

INTRODUCTION

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

■ LP111 – a 24hr program, up to 3 heating periods each day, and every day the same.

■ LP711 – 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.

INTRODUCTION Cont...

SWITCHING

ON 1 – start of first timed period
OFF 1 – end of first timed period
ON 2 – start of second timed period
OFF 2 – end of second timed period
ON 3 – start of third timed period
OFF 3 – 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 LP111 24hr ELECTRONIC TIMESWITCH

LP111 – 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
ON 1 – start of first timed period	6.30am
OFF 1 – end of first timed period	8.30am
ON 2 – start of second timed period*	12.00pm
OFF 2 – end of second timed period*	12.00pm
ON 3 – start of third timed period	4.30pm
OFF 3 – final switch-off of the day	10.30pm

Changing the timings

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

[SET / PROG?]

■ 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.

[6:30am ON / PROG]

■ 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.

[8:30am OFF / PROG]

■ When you press SET? after setting OFF3, the timeswitch will return to normal operation.

THE LP711 7-DAY ELECTRONIC TIMESWITCH

LP711 – a 7-day program, allowing for different timings on each day of the week, up to 3 heating periods each day.

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	
	MON-FRI	SAT-SUN
ON 1 – start of first timed period	6.30am	7.00am
OFF 1 – end of first timed period	8.30am	9.00am
ON 2 – start of second timed period*	12.00pm	12.00pm
OFF 2 – end of second timed period*	12.00pm	12.00pm
ON 3 – start of third timed period	4.30pm	4.00pm
OFF 3 – final switch-off of the day	10.30pm	11.00pm

Changing the timings

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

[SET / PROG?]

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

[SET / MON TO FRI PROG?]

■ Press YES 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.

[6:30am ON / MON TO FRI PROG]

■ 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.

[8:30am OFF / MON TO FRI PROG]

Set each day

■ If, after you've set OFF3 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?'.

[SET / MON PROG?]

Set weekend

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

[SET / SAT SUN PROG?]

■ Press YES and alter ON1, OFF1, ON2, OFF2, ON3 and OFF3 times in the same way.

Set each day

■ If, after you've set OFF3 for both SAT & SUN, you want to fine-tune Saturday or Sunday, 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.

[SET / SAT PROG?]

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

User's Instructions
PROGRAMMERS

If the engineer has set your program and timings – you wont need to do anything else. Just keep this guide in a safe place for future reference.

INTRODUCTION

Lifestyle programmers will automatically switch your central heating and hot water on and off at times that suit you. Depending on your system, central heating and hot water can either both come on and off at the same time, or work independently. The red light on the front of the programmer shows whem each one is on

There are 4 models in the Lifestyle range:

■ LP112 – a 24hr program, with linked central heating and hot water on for up to 3 heating periods each day, and every day the same.

■ LP241 – a 24hr program, with central heating and hot water working independently for up to 3 heating periods each day, and every day the same.

■ LP522 – a 5/2-day program allowing for different timings at the weekends, with central heating and hot water working independently for up to 3 heating periods each day.

■ LP722 – a 7-day program allowing for different timings on each day of the week, with central heating and hot water working independently for up to 3 heating periods each day.

If the engineer hasn't set your timings for you, your programmer 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 go to the section that contains your programmer 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

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

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 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 LP112 24hr ELECTRONIC PROGRAMMER

LP112 – a 24hr program, with linked central heating and hot water on for up to 3 heating periods each day, and every day the same.

If the timings haven't been set for you, then your programmer will still be on the factory-set standard 24hr program, with central heating and hot water operating together on the same settings for every day of the week. But it's easy to make changes – just follow the instructions.

Want to leave a timing as it is? 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.

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

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 on the standard program 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
ON 1 – start of first timed period	6.30am
OFF 1 – end of first timed period	8.30am
ON 2 – start of second timed period*	12.00pm
OFF 2 – end of second timed period*	12.00pm
ON 3 – start of third timed period	4.30pm
OFF 3 – final switch-off of the day	10.30pm

Changing the timings

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

[SET / PROG?]

■ 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.

[6:30am ON / PROG]

■ 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.

[8:30am OFF / PROG]

■ When you press SET? after setting OFF3, the programmer will return to normal operation.

THE LP241 24hr ELECTRONIC PROGRAMMER

LP241 – a 24hr program, with central heating and hot water working independently for up to 3 heating periods each day, and every day the same.

If the timings haven't been set for you, then your programmer will still be on the factory-set standard 24hr program, with central heating and hot water operating together on the same timings for every day of the week. But it's easy to make changes, and have heating and water working independently – just follow the instructions.

Want to leave a timing as it is? 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.

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

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 on the standard program ON2 and OFF2 are set to the same time for both central heating and hot water. * 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	
	CH	HW
ON 1 – start of first timed period	6.30am	6.30am
OFF 1 – end of first timed period	8.30am	8.30am
ON 2 – start of second timed period*	12.00pm	12.00pm
OFF 2 – end of second timed period*	12.00pm	12.00pm
ON 3 – start of third timed period	4.30pm	4.30pm
OFF 3 – final switch-off of the day	10.30pm	10.30pm

Changing the timings

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

[SET / PROG?]

Set the central heating

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

`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.

`6:30am CH ON` PROG

■ 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.

`8:30am CH OFF` PROG

Set the hot water

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

`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.

LP522 – a 5/2-day program allowing for different timings at the weekends, with central heating and hot water working independently for up to 3 heating periods each day.

If the timings haven't been set for you, then your programmer will still be on the factory-set standard program. This means that central heating and hot water will operate together, with the same timings for weekdays and different ones for the weekend. But it's easy to make changes, and have heating and water working independently – just follow the instructions.

Want to leave a timing as it is? 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.

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

The standard program

Your system will come on for up to 3 heating periods every 24hrs. ON1 starts the first period, 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	WEEKDAYS		WEEKENDS	
	HW	CH	HW	CH
ON 1 – start of first timed period	6.30am	6.30am	7.00am	7.00am
OFF 1 – end of first timed period	8.30am	8.30am	9.00am	9.00am
ON 2 – start of second timed period*	12.00pm	12.00pm	12.00pm	12.00pm
OFF 2 – end of second timed period*	12.00pm	12.00pm	12.00pm	12.00pm
ON 3 – start of third timed period	4.30pm	4.30pm	4.00pm	4.00pm
OFF 3 – final switch-off of the day	10.30pm	10.30pm	11.00pm	11.00pm

Changing the timings

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

`SET` PROG?

Set the weekday central heating

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

`SET CH` MON TUE WED THU 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.

`6:30am CH ON` MON TUE WED THU FRI PROG

■ 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.

`8:30am CH OFF` MON TUE WED THU FRI PROG

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?'.

`SET HW` MON TUE WED THU 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 CH` SAT SUN PROG?

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 go back to normal operation.

LP722 – a 7-day program allowing for different timings on each day of the week, with central heating and hot water working independently for up to 3 heating periods each day.

If the timings haven't been set for you, then your programmer will still be on the factory-set standard program. This has central heating and hot water operating together – with the option of having different timings for each day of the week. But it's easy to make changes, and have heating and water working independently – just follow the instructions.

Want to leave a timing as it is? 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.

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

The standard program

Your system will come on for up to 3 heating periods every 24hrs. ON1 starts the first period, 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, change any other timings – read on.

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

Changing the timings

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

`SET` PROG?

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

`SET` MON TUE WED THU FRI PROG?

■ Press YES and the display will ask 'SET CH MON to FRI PROG?'.

`SET CH` MON TUE WED THU 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.

`6:30am CH ON` MON TUE WED THU FRI PROG

■ 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.

`8:30am CH OFF` MON TUE WED THU FRI PROG

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

`SET HW` MON TUE WED THU 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?'.

`SET MON` PROG?

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

`SET SAT SUN` PROG?

Set weekend

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

■ When you press SET? after OFF3 for HW SAT SUN, the programmer will ask the question TEST? If you want to test your program, see below, otherwise press SET? again. If you don't want to test your program, press SET? again – and you'll be asked the question SET H'DAY? If you want to set a holiday switch-off, see page 23, otherwise press SET? again.If you're not going to program in a holiday switch-off, then press SET? again and your programmer will go back to normal operation.

Test your program

■ This test facility allows you to run through your program to check that the timings are exactly what you want.

■ Answer YES to TEST? and the display will show Monday and a time just past midnight. Press YES again and hold it down – and the display will start to run through the days of the week, pausing for a few seconds when it reaches an ON or an OFF time. At each pause, the appropriate lights and circuits will come on.

■ Release the YES button, and the display will stop running and give you longer to identify a timing.

■ Press YES once more, and the display will start running again – and will continue all through the week until you press SET?

■ Press SET? and your programmer will go back to normal operation.

Remember - The display shows the strict time sequence, so ON1 for HW could be followed by ON1 for CH, then OFF1 for HW etc Using this feature you can program your system to

Applicable to all models.

Using this feature you can program your system to switch off while you're on holiday, then switch back on again in time to have the house warm for your return.

■ Press SET? three times and you'll see 'SET H'DAY?'

■ Press YES to SET H'DAY? and the display will show '00'.

■ Using + and -, set the number of days you want the system to be off.

■ Press SET, the display will show 'H'DAY' and the programmer will switch off the system. It will then return to normal operation after the set number of days.

Remember - The programmer counts each pass through midnight as a day. So if on a Saturday morning you don't want the heating on again until Tuesday morning, set for 3 days.

Applicable to all models.

The clock in your programmer has been set at the factory, and automatically accounts for British Summer Time. However, should you need to set the clock, read on.

■ Press the SET? button until you see SET CLOCK?.

`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.

`12:00am` MON

Set the minute

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

`12:00am` MON

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

If you don't want to change the date press SET? to go back to normal operation. If you do, go on to the next section.

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 until you see SET DATE?.

`SET` DATE?

Set the year

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

`4:03` DATE

Set the month

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

`n:08` DATE

Set the day

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

`d:18` DATE

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.
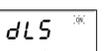
`dLS` 'ON' OK

■ Press SET? to go back to normal operation.

Connection Charts

Gravity HW, Pumped CH with Room Stats

Mid-Position Valve System

Spring-Return 2-Valve System
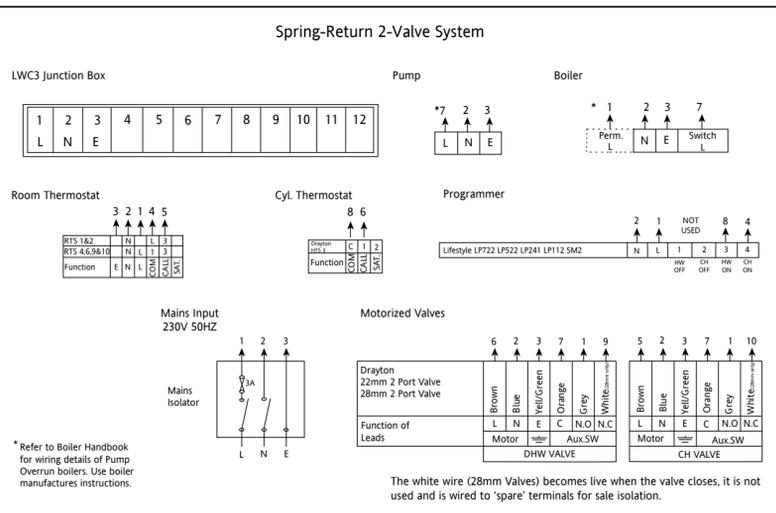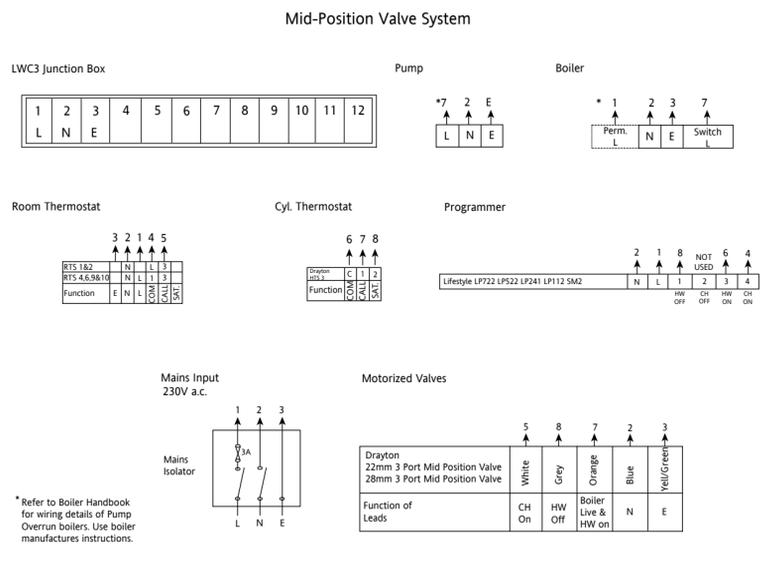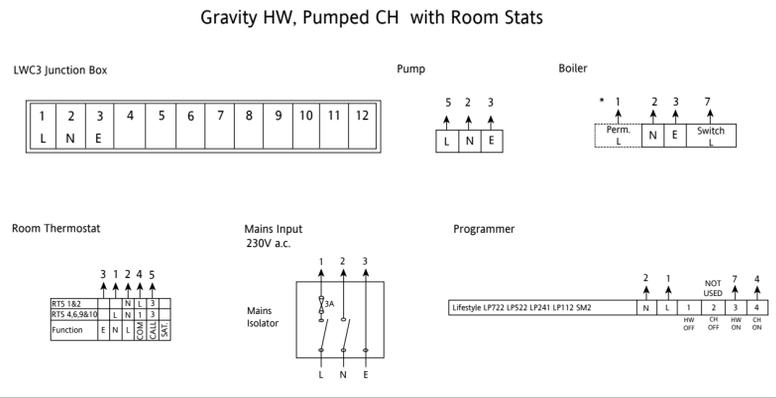
Make the wiring connections, as above, for the appropriate system.

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.

After wiring, plug in the unit and tighten the securing screws. Check the mains input has a 3A fuse, and switch on the mains. Then set the timings as shown in the User's Guide.

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

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