

Drayton Lifestyle

SINGLE CHANNEL

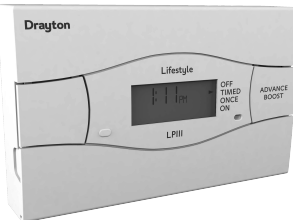
Timeswitch

DUAL CHANNEL

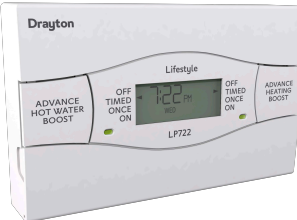
Programmer

for heating **OR** hot water

for heating **AND** hot water



LP111, LP711



LP112, LP241, LP522, LP722

SINGLE CHANNEL

DUAL CHANNEL

Installation Instructions

0649033001 ISS P

Technical Helpline: 0333 6000 622
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

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 Programm器和 Timeswitches conform 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



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.

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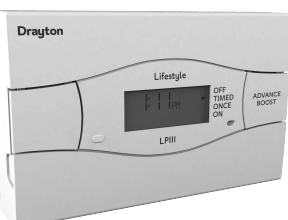
Timeswitch

DUAL CHANNEL

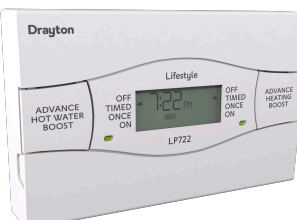
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User Instructions

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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 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?'.



■ 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.



■ 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 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?'.



■ 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.



■ 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.



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?'.



■ 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 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.



■ 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 won't 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 when 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.

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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?'.



■ 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.



■ 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 ON

