

Programmable Room Thermostat

5-2 Day/ 7 Day

Models:THD22120/ THD22121

Power Supply:
Battery - Thermostat
Mains - LP SCR Receiver kit



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User Guide JPS8170002_00

User Instructions


Your Lifestyle RFPT


The Lifestyle RFPT thermostat is a programmable thermostat 5-2 Day / 7 Day product. 5–2 day allows you to set a program for weekdays and a program for the weekend. Full 7-day functionality allows you to set a different program for every day of the week. Each program type allows you to set 6 time and temperature events.

Clock Setting

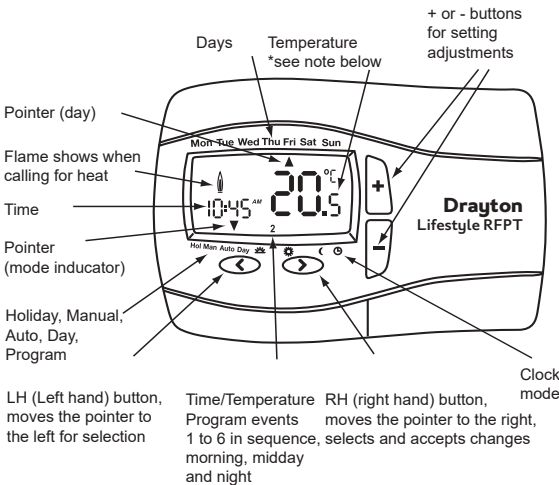
Your Lifestyle RFPT is fitted with a real-time clock, which is pre-set at the factory. You will not have to alter the time settings. A special feature of this real-time clock is to automatically update the time during the summer/winter time change removing the need to manually alter the clock.

General Operation

With the unit in Auto mode (the small arrow to bottom of screen will point to Auto) the temperature can be changed for a short time by using the + or - buttons. Changing the temperature in this way will keep the Lifestyle RFPT set to your new temperature until the next pre-programmed event (at which time it will revert to programmed temperature). The temperature you are setting will flash on the screen. Once temperature is set, the unit will revert to showing the current temperature. The  indicator will show on the screen if the heating is turned on.

A flashing flame  indicates the product is in intelligent delayed start mode (see special note).

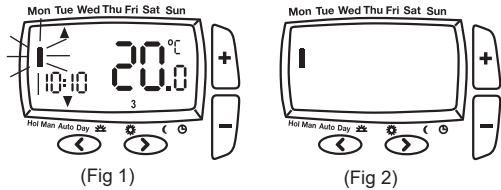
Controls and Display Layout



* Temperature displayed is actual room temperature unless adjusting the + or - button when it displays the set temperature. Once adjustment is complete and after 5 seconds this will return to actual room temperature.

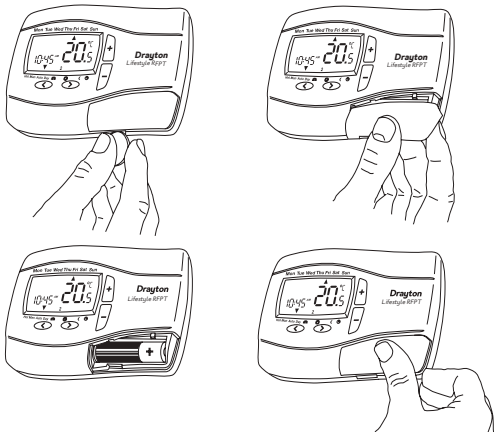
How do I know when to change the batteries.

When the batteries start to run low a battery icon will flash in the display, to indicate “low battery” during this time the Lifestyle RFPT will function normally (see fig 1). Please replace batteries with 2 x 1.5V IEC LR6 (AA) Alkaline batteries. When the battery icon alone is shown in the display, the batteries are completely exhausted and the Lifestyle RFPT will cease to function (see fig 2). Re-activate by replacing the batteries.



How to replace the batteries see fig 3.

Remove the battery cover using a coin. Replace the spent batteries with 2 x 1.5V IEC LR6 (AA) Alkaline batteries ensuring correct orientation. Replace the battery cover pressing fully home.



Basic Settings

The Lifestyle RFPT thermostat is a programmable thermostat 5-2 Day / 7 Day product. 5–2 day allows you to set a program for weekdays and a program for the weekend. Full 7-day functionality allows you to set a different program for every day of the week. Each program type allows you to set 6 time and temperature events.

Lifestyle RFPT

Pre-set Program

Your Lifestyle RFPT comes with the following default settings pre-programmed for your convenience:

Pre-set Program 1 (9 til 5)

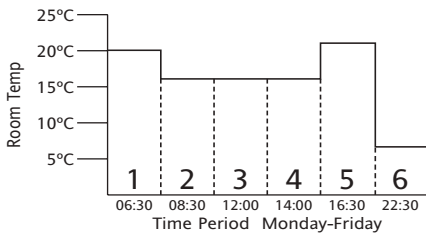
Monday-Friday

Event	1	2	3	4	5	6
Time	6:30	8:30	12:00	14:00	16:30	22:30
Temperature	20.0	16.0	16.0	16.0	21.0	7.0

Saturday-Sunday

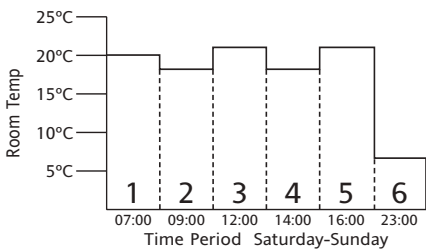
Event	1	2	3	4	5	6
Time	7:00	8:00	12:00	14:00	16:00	23:00
Temperature	20.0	18.0	21.0	18.0	21.0	7.0

Weekday





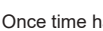


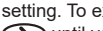




As you can see, at 06:30, the heating will come on to raise the temperature to 20°C. At 08:30, the temperature set point is dropped from 20°C down to 16°C, it stays at 16°C throughout the day, until 16:30 when the temperature increases to 21°C. The temperature then drops down to a night-setback temperature of 7°C until 06:30 when the cycle repeats for the next day. (Monday to Friday) or changes to weekend setting see below.

Weekend



As you can see, at 07:00, the heating will come on to raise the temperature to 20°C. At 09:00, the temperature set point is dropped from 20°C down to 18°C, it stays at 18°C until 12:00 when the heating comes on to raise the temperature to 21°C. The temperature stays at 21°C until 14:00 when it drops down to 18°C. At 16:00 the heating comes on to raise the temperature to 21°C where it stays until 23:00 when the temperature then drops down to a night-setback temperature of 7°C until 07:00 when the cycle repeats for the next day (Saturday and Sunday) or changes to weekday settings see above.




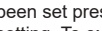



To adjust the times and temperatures for 5-2 Day operation:

- With the product operating as normal in the Auto mode press  once and then press the + button until the display is flashing and shows.
- Press the  once, the display will be as shown. The time will be flashing, use the + or - buttons to adjust the 1st time as required.
- Once time has been set, press  and use the + or - button to adjust required temperature (shown flashing). Press  to confirm and move to the next time and temperature periods to be adjusted confirming changes by pressing  button. (max 6 periods).
- Once the last weekday temperature has been set press  once to confirm settings and allow adjustment of the weekend program. Use the + and – buttons and the  button to set the 6 periods for the weekend program.
- Once the final temperature has been set press  to confirm setting. To exit press  or  until you return to auto mode with the bottom arrow pointing at Auto.

Congratulations!

The unit is now set correctly to follow your required timings.

To adjust the times and temperatures for 7 Day operation:

- With the product operating as normal in the Auto mode press  once and then press the + button until the display is flashing and shows.
- Press the  once, the display will be as shown. The time will be flashing, use the + or - buttons to adjust the 1st time as required.
- Once time has been set, press  and use the + or - button to adjust required temperature. Repeat the above steps 2-3 until the 6 periods have been set for Monday.
- Once Monday has been set, press  once. Repeat steps 2-3 until all 7 days of the week have been set.
- Once the final temperature has been set press  to confirm setting. To exit press  or  until you return to auto mode with the bottom arrow pointing at Auto.

Congratulations!

The unit is now set correctly to follow your required timings.

To change temperature for a short period (Override):

1.

Press + or - buttons to adjust set temperature. Set temperature shown flashing
2.

After 5 seconds will start controlling at selected set point but displays actual room temperature. 2 chevrons indicates override mode.
3.

To exit override press once or wait until next change in the pre-set program.

To set a constant room temperature (Manual mode):

1.

Press once, the display shows temperature flashing (example 20°C)
2.

Press + or - buttons to adjust the temperature as required. The temperature will stop flashing after 5 seconds and start controlling at this temperature.
3.

To exit manual mode press once, to return to auto.

To set holiday mode:

1.

Press twice, the display shows time flashing. Time periods between 1 to 23(Hr) hours and 1 to 199(d) days can be set.
2.

Press + or - buttons to adjust the count down time as required. Press once, the display will show temperature flashing.
3.

Press + or - buttons to adjust temperature and press to start holiday count down time. Alternatively after 10 seconds the temperature will stop flashing and holiday count down time will start. Display shows count down time and ambient room temperature.
4.

To exit the holiday mode press the or once, to return to auto.

To switch OFF the thermostat:

First ensure the thermostat is in the 'Auto' mode, then press the + and – simultaneously for 5 seconds until the OFF is displayed.

The thermostat and heating system will now be OFF unless the temperature in the controlled space falls below 7°C, the frost protection set point. Please note this does not affect the operation of the domestic hot water where provided.

To switch ON the thermostat, press any key to return to auto mode.

User Options

If you wish to change any User Options (shown in table 1) they can be accessed from Auto or Man by pressing < and > simultaneously for 3 seconds. Once you have accessed the User Options Menu (Fig 4) press > to scroll through selectable options. The settings for each option can be changed by pressing + or - as required. Press > to accept the change and move to the next option. To exit press < and > simultaeously for 3 seconds. Alternatively, not pressing any buttons for 2 mins will cause the Lifestyle RFPT to return to Auto. (Fig 5) shows option 01 24 (24 hour clock). Only selected options that have been accepted by pressing > will be changed.

User Options	What is it	Min	Max	Default
01	Change 12h or 24h clock	12	24	24
02	Change to another pre-set programme	1	3	1
03	Change the number of programme events per day	2, 4 or 6		6
04	Switch on/off automatic summer/winter time change	On	Off	On
05	Adjust date and time	Factory Set		
06	Change temperature offset °C	-5	5	0
07	Restore pre-set programme	On	Off	Off
08	To disable Off function	On	Off	On
09	Access protection lock	On	Off	Off

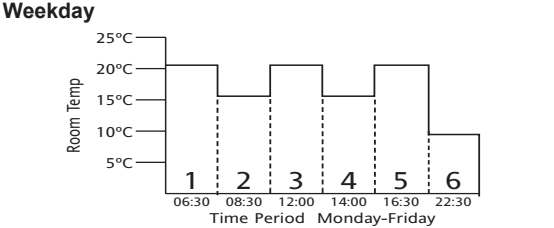
(Option 01)
How to change from 24hr to 12hr clock.
Enter user options, select option 01 and use + and – keys to select desired option, 12 = 12hr and 24 = 24hr. Press > to accept change.

(Option 02)
How to change to another predefined program 1, 2 or 3.
Enter user options, select option 02 and use + and – keys to select desired program 1, 2 or 3. 1 = program 1, 2 = program 2 and 3 = program 3. Press > to accept desired change.

Preset programs 2 and 3 are shown below:

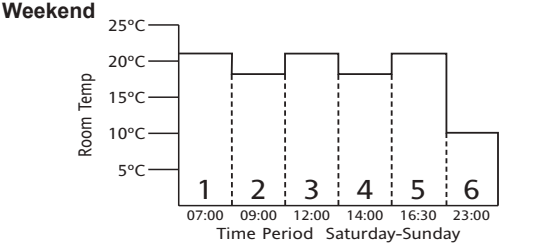
Pre-set Program 2 (Home for lunch)						
Monday-Friday						
Event	1	2	3	4	5	6
Time	6:30	8:30	12:00	14:00	16:30	22:30
Temperature	21.0	16.0	21.0	16.0	21.0	10.0

Saturday-Sunday						
Event	1	2	3	4	5	6
Time	7:00	9:00	12:00	14:00	16:30	23:00
Temperature	21.0	18.0	21.0	18.0	21.0	10.0



Weekdays
As you can see, at 06:30, the heating will come on to raise the temperature to 21°C.

At 08:30, the temperature set point is dropped to 16°C, it stays at 16°C until 12:00 when the heating comes on to raise the temperature to 21°C. The temperature stays at 21°C until 14:00 when it drops to 16°C. At 16:30 the heating comes on to raise the temperature to 21°C where it stays until 22:30 when the temperature drops down to a setback temperature of 10°C until 06:30 when the cycle repeats the next day.



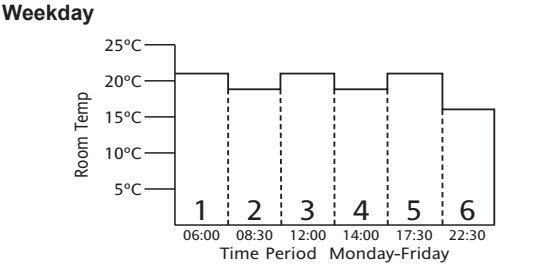
Weekends
As you can see, at 7:00, the heating will come on to raise the temperature to 21°C.

At 9:00, the temperature set point is dropped to 18°C, it stays at 18°C until 12:00 when the heating comes on to raise the temperature to 21°C. The temperature stays at 21°C until 14:00 when it drops down to 18°C. At 16:30 the heating comes on to raise the temperature to 21°C where it stays until 23:00 when the temperature drops down to a setback temperature of 10°C until 07:00 when the cycle repeats the next day.

Pre-set Program 3 (Home Worker)

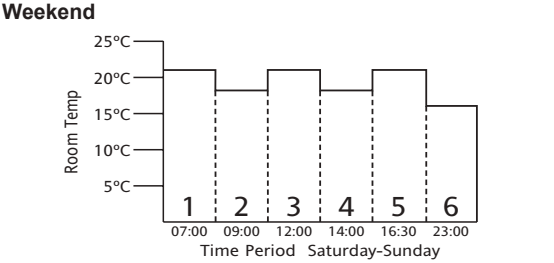
Monday-Friday						
Event	1	2	3	4	5	6
Time	6:00	8:30	12:00	14:00	17:30	22:30
Temperature	21.0	19.0	21.0	19.0	21.0	16.0

Saturday-Sunday						
Event	1	2	3	4	5	6
Time	7:00	9:00	12:00	14:00	16:30	23:00
Temperature	21.0	18.0	21.0	18.0	21.0	16.0



Weekdays
As you can see, at 06:00, the heating will come on to raise the temperature to 21°C.

At 08:30, the temperature set point is dropped to 19°C, it stays at 19°C until 12:00 when the heating comes on to raise the temperature to 21°C. The temperature stays at 21°C until 14:00 when it drops to 19°C. At 17:30 the heating comes on to raise the temperature to 21°C where it stays until 22:30 when the temperature drops down to a setback temperature of 16°C until 06:00 when the cycle repeats the next day.



Weekends
As you can see, at 7:00, the heating will come on to raise the temperature to 21°C.

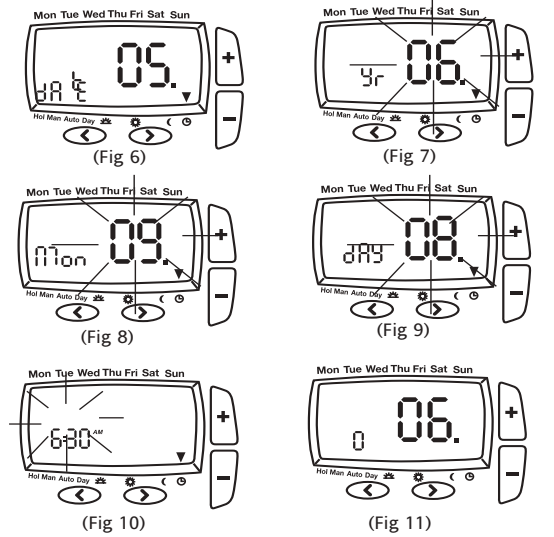
At 9:00, the temperature set point is dropped to 18°C, it stays at 18°C until 12:00 when the heating comes on to raise the temperature to 21°C. The temperature stays at 21°C until 14:00 when it drops down to 18°C. At 16:30 the heating comes on to raise the temperature to 21°C where it stays until 23:00 when the temperature drops down to a setback temperature of 16°C until 07:00 when the cycle repeats the next day.

(Option 03)
How to change the number of program events per day.
Enter user options, select option 03 and use + and – keys to select desired option. 2 = 2 time / temp events per day, 4 = 4 time / temp events per day and 6 = 6 time / temp events per day. Press > to accept desired change.

(Option 04)
How to switch on/off the automatic summer / winter time change.
Twice a year the actual time is automatically changed to keep it in line with the summer / winter time change. Default setting is On. If you wish to disable / enable this feature enter user options, select option 04 and press – or + key to display Off or On as desired. Press > to accept desired change.

Date and time setting.
Lifestyle RFPT comes with a pre-set clock, which also automatically adjusts for summer/winter time changes. It is activated automatically on 1st installation. There should be no need to change these settings, however, should you wish to, it can be done in Option 05.

(Option 05)
How to adjust date and time.
Enter user options, select option 05 (fig 6)
To change the year press > once (fig 7)
To change the month press > again (fig 8)
To change the day press > again (fig 9)
To change the time press > again (fig 10)
Once you have selected your required display, to adjust press + or - and > to accept change.
To select option 06 press > until option 06 display is shown (fig 11)



(Option 06)
How to change temperature offset.
The temperature displayed on the thermostat may not match that of other temperature measuring devices in the controlled space, because of its location. The displayed temperature may be offset to bring it in line with other devices. To adjust the temperature, enter the user options, select option 06. The temperature may be offset by +/- 5 degrees by pressing the + and – keys. Press > to accept the desired change.

(Option 07)
How to restore the built in time temperature programs.
Enter user options, select option 07 and use + and – keys to select desired option. Off = current programs retained. On = restore factory program settings. Press > to select the desired change. The option 07 display automatically reverts back to off.

Please note enabling this function will lose any user changes to the preset programs.

(Option 08)
How to disable the OFF function.
To disable the OFF function, enter user options, select option 08 and use + or – keys to select Off. Press > to accept change.

It is now not possible to switch the Lifestyle RFPT OFF using the + and- keys as previously described. To enable the OFF function return to option 08 and select ON. Press > to accept change.

(Option 09)
How to lock the key pad - Access Protection Lock.
The access protection lock allows you to lock the Lifestyle RFPT so that it cannot have any adjustments.

The default is OFF mode allowing you to adjust the Lifestyle RFPT. To Lock the Lifestyle RFPT settings enter the User Options Menu Option 09 and select On and press > to accept.

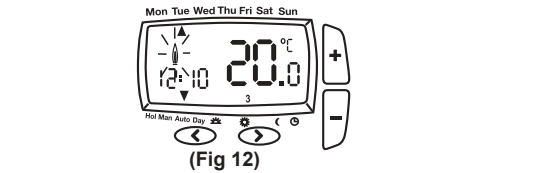
Once the User Options Menu is exited all buttons will be locked.

To switch off the Protection Lock enter the User Menu and change to OFF. Press > to accept.

Once the User Menu is exited all buttons will be free to adjust.

Special Note:
The following only applies when the Intelligent delayed start feature is enabled by the installer.

When the delay period is operating indicated by the flame symbol flashing (Fig12), pressing any button returns the Lifestyle RFPT to auto mode allowing normal button operation until the next time/ temperature event, when it will resume the delay start mode or follows the Holiday, Manual, Override or Off modes as selected. Changes to the installer options and pre-set programmes must be made with the flame symbol not flashing.



What is Intelligent delayed start.
The Intelligent Delayed Start is an energy saving feature which automatically reduces the warm up time for the heating system. As the weather becomes milder, Intelligent Start will delay the heating start times so that the fuel is not wasted bringing the room up to temperature earlier than necessary.

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