

RWB2007 User instructions

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1. Introduction

The RWB2007 is a 7-day or 5-day-and-2-day twin channel programmer for central heating and hot water.

Features

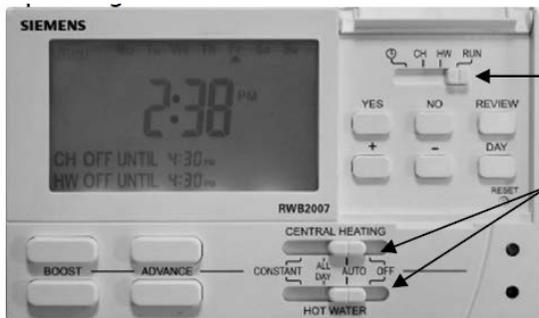
- Large digital backlit display (timeout 5 minutes)
- 2 or 3 On/Off periods per day
- "Advance" feature to bring forward the next On/Off period
- "Boost" feature to give an immediate one hour On
- Automatic summer/winter changeover (summer/winter changeover switch occurs at 02:00)
- Selectable time formats (24-hour and 12-hour (am/pm))
- Built-in calendar
- Copy facility
- Service Interval capable*

2. Factory settings

Before leaving the factory, the RWB2007 was programmed with the correct date and time with the following switching times dependent on the Dip switch setting on the back of RWB (factory default 2 On/Off):

Monday - Friday		Weekend	
2 On/Off switching Times	3 On/Off switching Times	2 On/Off switching Times	3 On/Off switching Times
On 06.00 Off 08.30	On 06:00 Off 08.30	On 07.00 Off 09.00	On 07:00 Off 09.00
On 16.30 Off 22.30	On 12.00 Off 14.00	On 16.30 Off 23.00	On 12.00 Off 14.00
	On 16.30 Off 22.30		On 16.30 Off 23.00

Operating instructions



Switch (1): Programming switch. When all programming has been done this switch must be in **Run**.

Switch (2): This switch allows you to choose how the RWB...operates.

Constant: The RWB is permanently **ON**

ALL DAY: The RWB switches on at the first **ON** and off at the last **OFF**.

AUTO: The RWB switches automatically at the programmed times.

3. Setting the On/Off times

The RWB2007 is supplied with factory settings (see [section 2](#)). If you want to change the factory settings to your own times you can do so easily. ON/OFF times are adjustable in 10-minute steps.

Setting the central heating

Sliding **switch (1)** to **CH** shows all the days of the week with a triangle under **Mo**. Press **YES** if you want to program Monday, or press **Day** until the triangle goes under the required day, then press **YES**.

Setting times

The first **ON** time is **06.00**. To change the time, press **+** or **-**. When you have reached the desired time, press **YES**. The first **OFF** time is **08.30**. Repeat the process until all times are entered for that day.

Note: **LIMIT** comes in the display if you try to move a programme time forward or backward and it comes up against an existing time.

Copy

Copy YES/NO appears in the display if you want to copy to the next day. Press **YES** and repeat for each day that you want to be the same. If you don't want to copy, press **NO** and then set times for each day. When all programming is complete, slide the switch to **RUN**.

Setting the hot water

Sliding **switch (1)** to **HW** shows all the days of the week with a triangle under **Mo**. Press **YES** if you want to program Monday, or press **Day** until the triangle goes under the required day, then press **YES**.

Setting times and copy

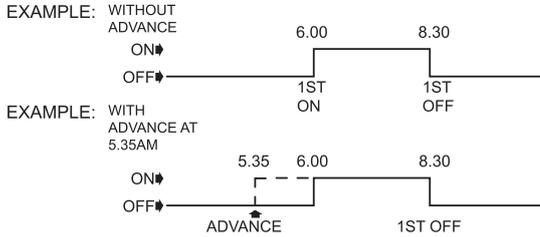
Please refer to the instructions above under **Setting the central heating**.

4. Boost

Pressing this button switches your heating **ON** for one hour if it's in an **OFF** period, or adds an hour if it's already in an **ON** period.

Advance

Pressing this button brings forward the next **ON** or **OFF** period. This feature only works in **AUTO** or **ALL DAY**.



5. Reviewing your programme

Press **Review**, and then press **YES**. The first ON with a triangle under **Mo** appears. Press **YES** repeatedly until all times have been reviewed for **Mo**. The triangle then moves to **Tue**. Do the same for this day and days after it until all the days are reviewed. The RWB2007 goes back to the normal mode if no buttons were pressed within 4 seconds.

6. Setting the time

The RWB2007 comes preset with the correct date and time. Should you need to reset the time for any reason, move the programming slider to the clock symbol:

Y appears in the display. Press **+** or **-** to change the year. Press **YES** when the correct value is in the display. Do the same for the month (**M**), the day (**D**) and the time (a clock symbol is in the display), and then move the slider to **RUN**.

Note: The RWB2007 is delivered with the 24-hour time format setting. If you want to change it to the 12-hour format (am/pm), press **RESET**. **24h** appears in the display. Press **+** or **-** to change it to **12h** in the display, then press **YES**.

7. Service Interval*

In some instances the RWB may have been set with the service interval function. This enabled option is designed to remind the end users of contacting the relevant person to have the annual service carried out on the boiler.

By law, your gas boiler should be inspected/serviced annually to ensure it is working correctly. To help make sure this service is carried out at the correct time, the RWB can have the Service Interval function enabled. This function will be enabled and programmed by your installer, the maintenance engineer, or your landlord.

If it has been set to do so, the RWB will display a message on the screen to remind you that a boiler service is due. This pre-warning countdown will be indicated up to 50 days in advance, which allows enough time to arrange for an engineer. Normal functions continue during this stage.

The amount of pre-warning days has to be entered by the installer, maintenance engineer, or the landlord. Contact them when you see the warning for the first time. From then the display will switch between the normal display and the amount of remaining days. The RWB will also emit a 5-second sound hourly between 09:00 and 21:00.

If the RWB goes past the service day, the system will be switched off with only the one hour "boost" feature working, and the display will switch between the real time and OFF.



You must press RESET after any change to either the (P) Fully pumped, (G) Gravity or the 2/3 Prg per day switch on the back of RWB. Sliders on the front must be in OFF when changing from (P) Fully pumped to (G) Gravity.

i WHAT IS A PROGRAMMER? (an explanation for Householders recommended by the Energy Savings Trust)

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'. 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.