

# Setting the on and off times for ASM's oil-fired heating.

## Introduction

### On and off times

The programmer in the boiler room can be set to have different on and off times for each day of the week. Each day set this way has two on and two off times – on then off then on then off. If only one on and off time is required, set the second one to come on and go off at the same time. For example, for a Sunday we might want the heating to come on at 0700 and go off at 1200, but not come on again later. We would set

- On time 1 = 7.00 am
- Off time 1 = 12.00 **pm** (for 12 noon)
- On time 2 = 5.00 pm
- Off time 2 = 5.00pm

If we do not wish the heating to come on at all on a particular day of the week, we set On time 1 = Off time 1 as well as On time 2 = Off time 2 for that day.

### Channels

The system runs on three “channels” (to do with how the radiators operate). We set all the channels to have the same on and off times.

Channels 1 and 2 are controlled in the programmer under “Heating” and channel 3 under “HW” (hot water). This is because the type of programmer we have is usually used domestically to control central heating and hot water.

## Setting the times

### Time out when setting times

Note that if you do not work through the settings fast enough the programmer will automatically go back to the start of the channel you are on and you will need to restart that channel.

### Set Channels 1 and 2

- Move the slider to “Heating”.
- Press the home button to light up the screen.
- Press the double arrow key. This should show that we are on “7 day”, i.e. that each of the 7 days of the week can have its own on and off times set.

- Press the double arrow key again and it will show the no. 1 (i.e. Channel 1) and a radiator at the bottom of the screen and the time will flash. Near the top of the screen on the right it will say “1 ON”. Initially it will show that we are on Monday (Mo at the top of the screen).
- To move to Sunday, press the Day button until we reach Sunday (Su at the top of the screen).
- Now use the + or – button to move to the first “On” time that we want.
- Now press the double arrow key again to get to the first “Off” time and we will see “1 OFF” near the top of the screen. Use the + or – buttons to change the time we want the boiler to go off (if we want it changed)
- Press the double arrow button to get to the second “On” time (the “On” time for Channel 2) (“2 ON”) and modify using the + or – buttons if we want to change it.
- Press the double arrow button to get to the second “Off” time and modify using the + or – buttons if we want to change it.

Channel 1 has now been set.

- Press the double arrow key and we will be on channel 2 (radiator with a no. 2 against).
- ENSURE you are on the right day by using the Day button if need be. TAKE CARE here as it is easy to be on the wrong day.
- Use the double arrow key and + and – buttons so set the On and Off times, both morning and afternoon.

Channel 2 has now been set.

### Set Channel 3

- Move the slider to HW (hot water).
- Repeat the steps for HW that were used for Channel 1.

Channel 3 has now been set.

### Set to Run

- Move the slider to Run.
- Record the times you have set on the board above the programmer.