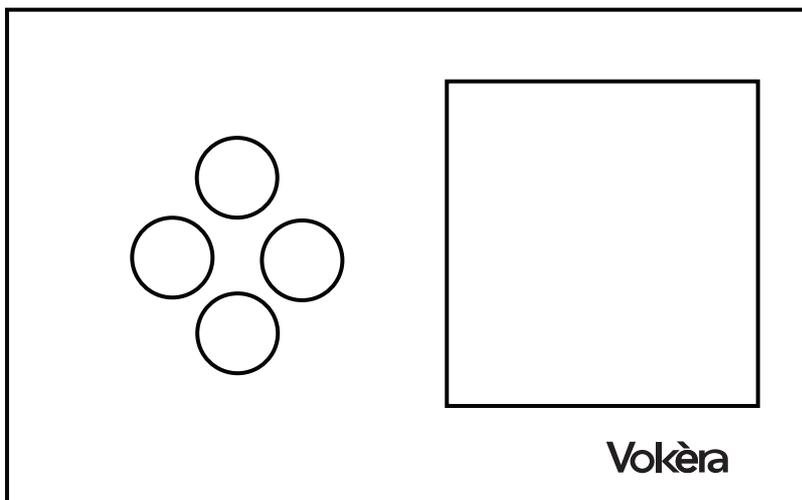


# External RF programmable room thermostat 411

## Installation & Operating Instructions

THESE INSTRUCTIONS  
TO BE RETAINED  
BY USER



# RF411 Programmable Room-Thermostat

## Setting transmitter and receiver partnership



- 1) Connect the receiver as demonstrated in the installation manual.
- 2) Switch power onto the boiler.
- 3) Press and hold the black button on the receiver. The led will flash immediately. When the LED flashes for a second time, release the button. The led will now be lit continuously.
- 4) Press and hold the top and bottom transmitter buttons simultaneously until '**Ed**' & '**01**' are displayed.
- 5) Press OK. The display will now show '**Fu**' and the word '**on**' will be flashing.
- 6) Press OK. (*The transmitter is now in continuous transmit mode*).

Within a few seconds the led on the receiver will go out. When this happens, the transmitter and receiver are radio linked as a control set, and the receiver will follow switching commands from the transmitter. Press the top (*mode*) button when this has happened.

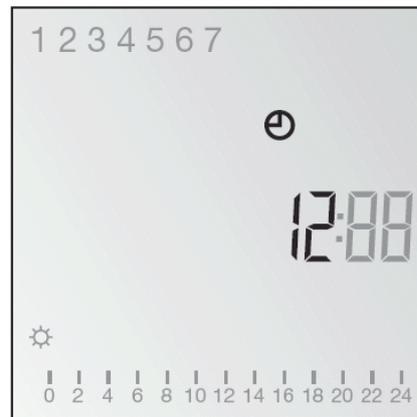
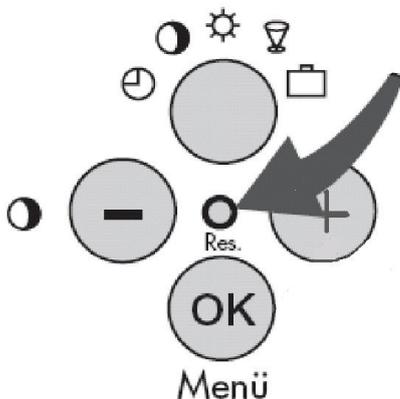
Proceed to set your required programming on the transmitter using the following instructions:

# RF411 Programmable Room-Thermostat

## First Time setting or after renewing batteries.

Using a pencil, gently depress the **Re-set** button in the center of the control panel.

Wait 10 seconds or until '**12.00**' appears on the right of the display.  
(*This is the actual time setting*).



## Setting the Time & Day

Using the + & - buttons, alter the hour setting to the correct time.  
Press **OK** and repeat with the minute setting.

**Note:** The display is in 24-hour mode.

Press **OK**. Using the + & - buttons select the correct day (1-7).

Press **OK**

## Setting the Temperatures

The daytime temperature will now be displayed (indicated by the ⚙ icon). Using the + & - buttons, adjust this temperature to the desired comfort level.

Press **OK**

The night-time temperature will now be displayed (indicated by the 🌙 icon ) Using the + & - buttons adjust this temperature to the desired comfort level.

Press **OK**

## Setting the Program/s

The display will now show a choice of five programs.

**P1 - P2 - P3 - P4 - Pd.**

**P1** to **P4** are pre-set programs and are therefore not adjustable.

The program settings are as follows:

**P1: 07:00 a.m. - 23:00 p.m.**

**P2: 06:00 a.m. - 09:00 a.m./17:00 p.m. - 22:00 p.m.**

**P3: 00:00 a.m. - 24:00 p.m.**

**P4: Night-time temperature only.**

To select one of these programs use the **+** & **-** buttons and press **OK**.

To set different times '**Pd**' must be selected.

Press the **-** button until all the blocks across the bottom of the screen have cleared.

Continue pressing the **-** button until the first 'on time' is shown on the right of the display.

Press the **+** button until the first 'off time' is displayed.

Press the **-** button until the second 'on time' is displayed.

Press the **+** until the second 'off time' is displayed.

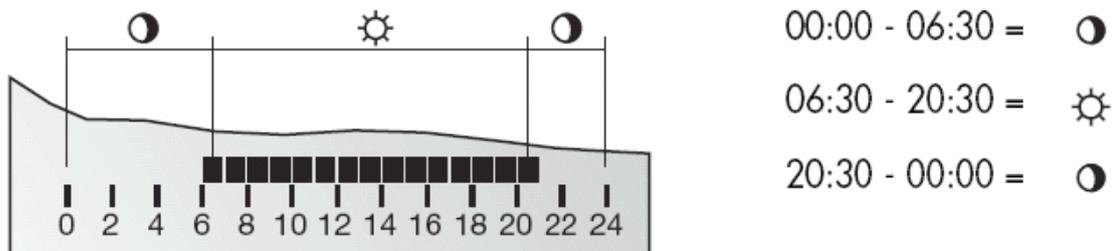
When the desired time settings have been entered, press **OK**

The day cursor will now have moved to day **2**.

Following the above procedure set the desired program for each day of the week.

**Note:** Each day may have an alternate program or individual time setting.

### Example



## **Other Functions:**

### **Program Override (party mode):**

To override the timed setting on the boiler, press the uppermost button until the  icon appears on the display. This will ignore any current setting and allow the heating to remain on until the next programmed '*off time*'.

### **Temperature Override:**

To override the **day-time** set temperature ensure the  icon is displayed. To adjust the temperature press the **+** or **-** button. Using the **+** & **-** buttons select the desired temperature. This setting will remain active until the next '*off time*'

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To override the **night-time** set temperature ensure the  icon is displayed. To adjust the temperature press the **+** or **-** button. Using the **+** & **-** buttons select the desired temperature. This setting will remain active until the next '*off time*'.

Press **OK** to resume normal operation.

### **Holiday Function:**

The Holiday function allows the thermostat to control the temperature of the dwelling while unoccupied. To activate this option press the uppermost button until the  icon appears on the display. Using the **+** & **-** buttons enter the duration (in days) that this function is to be active. Press **OK**

Using the **+** & **-** buttons enter the minimum temperature desired and press **OK**.

Press **OK** to resume normal operation.



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