

## Digistat RF I 'Wireless System'

### User instructions

## SCR RECEIVER

### INITIAL START UP

IMPORTANT: ENSURE THAT THE COMMISSIONING PROCEDURE HAS BEEN CARRIED OUT IN ACCORDANCE WITH THE ENCLOSED INSTRUCTIONS.

### SCR (RECEIVER) NORMAL OPERATING MODE

Once the 'Wireless System' has been commissioned, there should be little need for any user interface with the SCR.

During normal operation the red and green LEDs will occasionally be on, these signify the following:

#### Green LED

The green LED will be on when there is a demand for heating, and off when there is no demand.

#### Red LED

The red LED will flash for 7 seconds, approximately every 5 minutes. This denotes that a radio signal is being received from the Digistat RF unit.

## SITUATIONS REQUIRING ATTENTION

### Red LED continually flashing

This denotes that the batteries in the Digistat RF unit are approaching the end of their life (see 'battery replacement').

### Red LED continually on

This denotes that the SCR has been unable to receive a radio signal from the Digistat RF unit. This may be caused by the batteries being dead (see 'battery replacement') or some temporary interference with the radio signal.

To resend and test the signal, go to the Digistat RF unit, open both battery drawers and wait for the display to fade, close the right hand drawer, followed by the left and then reset RF to your desired temperature. If the radio signal has been successfully transmitted and received, the red LED will flash for 7 seconds then go off.

If the red LED stays on, there may be some other fault that will require the attention of a heating engineer/electrician.

## MANUAL OVERRIDE

The heating can be manually switched on and off by using the 'OVERRIDE' button on the SCR in a fault situation, even though the red LED will stay on until a satisfactory signal is reinstated.

Once the SCR receives a satisfactory signal again, it will automatically reset itself for normal operation.

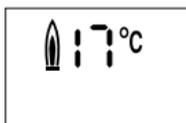
## DIGISTAT RF1

Once the 'wireless system' has been commissioned the unit will display the actual room temperature.

The SET temperature comes preset at 20°C, if the actual room temperature is below 20°C, a 'flame' symbol will appear at the left hand side of the display, this indicates a demand for heat (system will switch on).

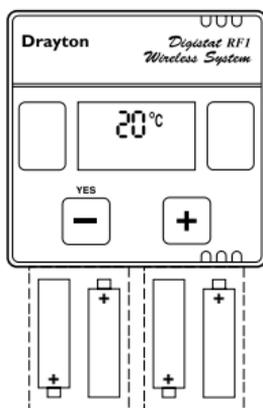


System OFF



System ON

During normal operation, the Digistat I will display actual room temperature continuously.



### TO ALTER THE SET TEMPERATURE

The SET temperature should be adjusted to a level at which you are comfortable, (try the preset 20°C to start and adjust if necessary). Depressing either the + or – button will activate SET mode and SET room temperature will be displayed.

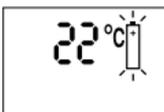


The SET temperature can now be adjusted up or down in steps of 1°C by pressing the + or – buttons, between a range of 5°C to 30°C. Pressing a button once will change the temperature 1°C, holding a button will make the setting 'run'. If the selector pin at the rear of the Digistat RF has been removed (see installation instructions) the range is limited from 16°C to 30°C.

The Digistat RF will revert to displaying actual room temperature 5 seconds after the temperature setting is changed and buttons are released.

### BATTERY REPLACEMENT

30 days before the batteries need replacing, a battery symbol will flash in the right hand side of the display. This signifies that 4 x 1.5V type AA **alkaline batteries** will be needed to replace the existing ones. The two battery compartments are situated at the bottom of the unit (press to unlatch and slide down).



Ensure new batteries are installed correctly. Close the right hand compartment first followed by the left. When batteries are replaced the SET temperature may revert to 20°C and will therefore need resetting to the desired level.

After 30 days, only a continuous battery symbol will be displayed and the unit will remain OFF.

### IMPORTANT

This product operates on a new frequency of 433 MHz and is not interchangeable with previous 418 MHz units which can be easily identified:

433 MHz = **Drayton** brand

418 MHz =  **Drayton** brand

### CONFORMS TO THE ESSENTIAL REQUIREMENTS OF THE FOLLOWING DIRECTIVES:

89/336/EEC Electromagnetic compatibility



### Invensys Climate Controls Limited

Cordwallis Street, Maidenhead, Berkshire SL6 7BQ

Telephone: (01628) 672121 Sales Facsimile: (01628) 675062

Technical Helpline: (01895) 460444

### An Invensys Product

090 794