Heatmiser MC Operating Instructions



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1. Pre-setup Routine

Ensure all the thermostats have been given a unique communication number. See your thermostat manual for instructions on how to do this.

Fill in the last page of this booklet for your reference. You should make a note of the communication number for each thermostat and the required name for the thermostat. The name will help you identify each thermostat on the network.

The communication status should be OK before continuing. If -- is shown check your wiring.

② 2. MC Setup Routine

From the Time screen press the Program button.

You are now prompted to enter the System Setup login code. This is fixed at **6343**, press OK

From the menu shown, select System Clock by pressing OK. SYSTEM SETUP LOGIN PLEASE ENTER CODE 0000

SYSTEM CLOCK
USER CODE
STAT SETUP

② 2. MC Setup Routine

CLOCK Setup

We are now prompted to program the new time. Use the arrow keys to enter the new time.

CLOCK SET NEW TIME

23.13

Press OK to accept

We are now prompted to program the new date. Use the arrow keys to enter the new date.

DATE SET NEW DATE 24-09-2004 FRI

Press OK to accept.

Press RUN to return to the RUN mode..

② 2. MC Setup Routine

CODE Setup

Use the arrow keys to enter a new code.

Press OK to accept Press RUN to return to the RUN mode. SETTING CODE

NEW CODE: 0000

2. MC Setup Routine STAT Setup

Initially, the MC will have no thermostats enabled. This screen shows that No 1 is set to OFF.

No. 01 Setup OFF Zone Title

ZONE TITLE HERE

Using the right arrow key, we can move the cursor to highlight the word OFF. We should now use the UP arrow to enable this thermostat.

Using the right arrow key, we can move the cursor again to allow us to program the thermostat title. The title can be a maximum of 16 characters.

To enter the title, use the UP/DOWN keys to cycle through the alphabet - note only capital letters can be programmed.

When you are happy with the title programmed, press OK. Use the LEFT/RIGHT arrow so that the cursor highlights No1. You can now use the UP/DOWN key to select the next thermostat.

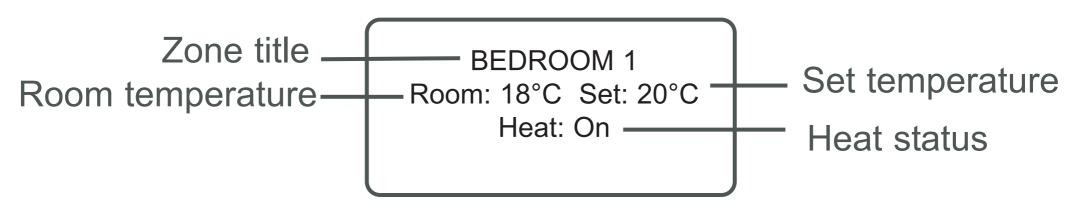
Repeat for each thermostat and press RUN to store and return to Normal RUN mode.

3. Normal RUN Mode

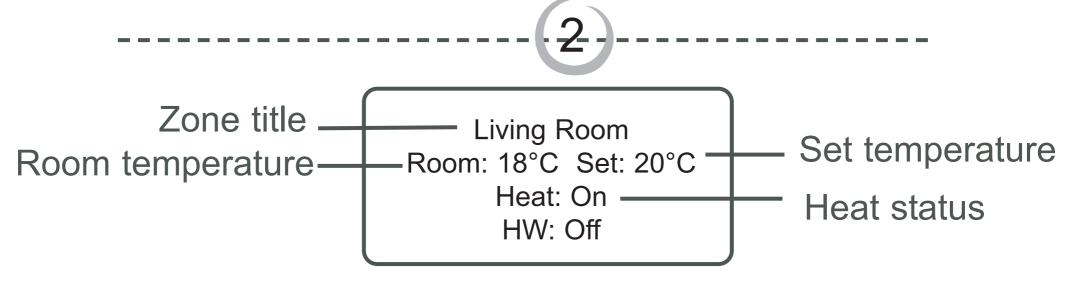
Thermostat information screen

Pressing the left/right arrow key allows you to view the information screen for each thermostat. There are two different types of information screen.

The MC will return to the time screen after 1 minute from the last key press.



DT / PRT Information screen



PRT/HW Information screen



(6) 3. Normal RUN Mode INFO button

DT/PRT Info Screens

Pressing INFO allows you to see the programmed temperature levels.

Use the UP key to cycle between the weekday and weekend settings.

WDAY 08.00 20°C WDAY 10.00 17°C WDAY 17.00 21°C WDAY 23.00 17°C

WEND 09.00 20°C WEND 14.00 17°C WEND 17.00 21°C WEND 23.00 17°C

PRT/HW Info Screens

On the PRT/HW you also see the HW switching timings for the weekday and weekend.

Heating Levels

WDAY 08.00 20'C WDAY 10.00 17'C WDAY 17.00 21'C WDAY 23.00 17'C

WEND 09.00 20'C WEND 14.00 17'C WEND 17.00 21'C WEND 23.00 17'C

HW Timings

SD 08.00 20'C SD 10.00 17'C SD 17.00 21°C SD 23.00 17°C

SE 14.00 17°C SE 17.00 21°C SE 23.00 17°C

SE 09.00 20°C

3. Normal RUN Mode

<u>FAN:</u> This function is for the forthcoming fan coil thermostats

<u>SLEEP:</u> This function is for the forthcoming fan coil thermostats

HW+1HR

On the MC you can quickly override the HW on or off for 1 hour.

HW SETUP HOT WATER ON For Hour

Press the HW+1HR button and using the LEFT/RIGHT arrow keys you can cycle between ON/OFF.

Press OK to confirm and RUN to return to the Normal RUN mode.

TIMER ON/OFF will flash on the PRT/HW to indicate the hot water has been overriden.

3. Normal RUN Mode

HOLIDAY:

On the MC you can program a holiday period. This will switch the thermostats in to frost mode and is ideal for when you know the building will be unoccupied.

To program a holiday period press HOLIDAY from the Time screen.

You will see the following screen.

Program the start/end date of the holiday using the arrow keys.

HOLIDAY STA:01-01-2001 END:01-01-2001 CANCEL HOL

To store press OK followed by RUN to return to the Normal Run Mode.

To cancel the holiday early, move the cursor to highlight CANCEL and press OK.

4. PROGRAM MODE

First select a thermostat by using the left/right arrow key.

Programming a DT-N

As the DT-N is our basic thermostat, you can only set the required set-point from the

STAT TITLE

ZONE LOGIN

PLS ENTER CODE

Set Point: XX

MC. Use the Up/Down keys to select the required temperature followed by OK to accept. Press RUN to return to the Normal RUN mode.



Programming a PRT-N TEMP SETTING

TEMP SETTING COPY SETTING

Select Temp setting to begin programming the temperature levels.

You should now select whether you wish to program the switching levels for the weekday or weekend. Make your selection and press OK.

Use the arrow keys to program level one for the weekday.

For example 08.30 35'C

Press OK to accept Press Program to move to LEVEL 2 **HEATING**

STAT TITLE

WEEKDAY WEEKEND

BEDROOM

LEVEL 1 08.30 35'C

BEDROOM

LEVEL 2 08.30 35'C

Repeat the steps above for each of the 4 levels for the weekday.

Programming a PRT TEMP SETTING

WEEKDAY WEEKEND

HEATING

Press OK to store the weekday settings and to return to this menu.

You can now select Weekend and program the weekend times in the same way.

Programming a PRT-N / PRTHW-N
COPY SETTING

Bedrooms
Copy to
All Stats

The copy function allows you to copy the temperature levels from one thermostat to another specific thermostat or to all thermostats. The MC will only copy from and to thermostats of the same type.

To select a specific thermostat, use the down key to highlight the name of the thermostat and then use the left/right arrow keys to scroll through the available thermostats. To confirm, press OK.

Programming a PRT/HW-N

The PRT/HW-N allows you to program both the heating temperature levels as well as the HW timings.

You should follow the "Programming the PRT-N" for details on how to program the temperature settings in the PRT/HW-N

• HW TIMINGS

Selecting HW Timings prompts you to select either Weekday/Weekend. HOTWATER

WEEKDAY WEEKEND

HW

SWITCHING 1

07.00 - 10.00

Selecting Weekday allows you to program the HW Timings for the weekday.

You should use the arrow keys to set the switching time. Use the

Program button to scroll between the 4 switching times. Press OK to store the settings.

Press RUN to return to the Normal RUN Mode.

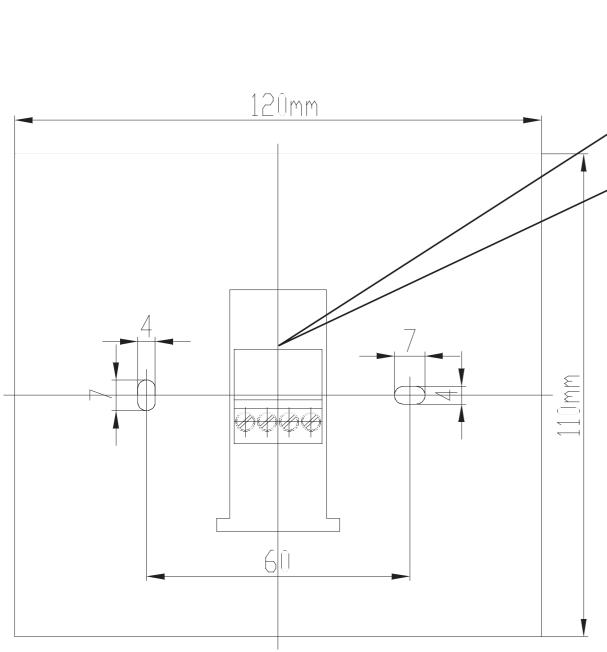
Specification / Wiring

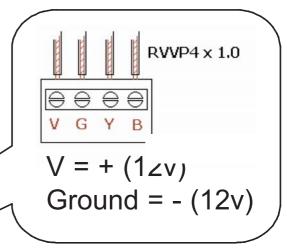
Compatible thermostats: DT-N, PRT-N, PRT/HW -N

Maximum number of thermostats: 16

Power supply: 12v DC Max cable length: 400m

Communication cable: Beldon 9534 screened cable





Important Note:

The earth of the communication cable should be connected **only** at the earth point on the 12v power supply.

Reference Log

Comms No	Title	Stat Type
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		