

**HEATMISER
ECLIPSE
USER INSTRUCTIONS
&
ENGINEERS GUIDE**

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USER INSTRUCTIONS FOR HEATMISER

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NORMAL MODE.

On approaching the unit, press **SCROLL** (if necessary) until the day/date/ time display is reached. This will be similar to below:

Day (SUN - SAT) MON 23 - 12 - 90Date (Day-Month-Year)
Time (Hrs. Min. Sec) 12.46.59 NIGHTOn/Off period (Day or Night)

Press **SCROLL**. Zone status screen will be displayed, as shown below.

Target temperature _____ Actual Temperature _____
Zone Temperatures..... ZONE 1 (22) : 20
Zone Status RELAY ON ON / OFF

OVERRIDE

If the unit is set to allow the users to override programming then the maximum time that the unit can be overridden will have been set by the installer.

Pressing **OVERRIDE** during Normal (Run) mode will enable the control units programming to be overridden for a specified period. This is to allow the heating system to be switched to day or night mode manually at exceptional times when the rooms are not being used to schedule.

A display similar to below will be shown:

OVERVERRIDE TO
1) ON or 2) OFF

Press **1** or **2** to select on to Day settings or off to Night settings. The display will change similar to below:

ENTER OVERRIDE
(04 HRS max) : 00

The maximum hours displayed is preset by the installer. Two digits must now be entered, the time of the override period required, in hours.

The **DEL** key may be used to correct mistakes, press **ENTER** when correct. The display will return to the Normal (Run) mode displays with the addition that a similar display to that shown below will be shown approx. every 10 seconds until the override period is completed.

OVERVERRIDE TIME
LEFT IS 01 hrs

To end override before the set time is reached, re-enter override mode and set the override Period to 00.

PROGRAM MODE.

From any of the Normal (Run) Mode screens pressing **PROG** will obtain the following screen:

Enter Code to
continue :

At this point you must enter the passcode to enter the program mode. This passcode is set to 0000 when first installed but may be changed at anytime by the user to ensure security. This process will be explained under 3) CODE. When the 4 digit code has been entered by pressing **ENTER**, the following will be displayed if the code is not entered correctly:

THE CODE ENTERED
WAS INCORRECT

This display will change back to the normal run mode display after a few seconds. If the code is entered correctly, then the display below will be shown:

1) DATA 2) TIME
3) CODE 4) HOLS

This is the set-up menu display. Pressing **1, 2, 3** or **4** will now allow the settings to be altered as explained on the following pages:

1 DATA

This is the section used to change the temperature and on/off time settings (referred to as DAY/NIGHT settings as the **HEATMISER** is not just a time switch, the night settings will maintain any temperature set although this is usually a low temperature for use when the rooms are unoccupied).

Pressing **1** will obtain a display similar to below:

ENTER REQUIRED
DAY TEMP. :22

Press two digits for the required temperature in degrees Centigrade and then press **ENTER**. The display will change as below:

ENTER REQUIRED
NIGHT TEMP. : 10

Press two digits for the required temperature in degrees Centigrade and then press **ENTER**. The display will change as below:

ENTER ZONE
SWITCHING TIMES

This display will automatically change after approx. 2 seconds to one similar to below:

DAY PERIOD 1 MON
S :00.00 E : 00.00

You may now enter four digits for the Hour:Minutes required for the start of DAY TEMPERATURE Period 1 on each Monday (Mistakes may be rectified by pressing **DEL.**) and then pressing **ENTER.** Another four digits must now be entered for the Hour: Minutes for the end of DAY TEMPERATURE Period 1 on each Monday. Press **ENTER** when setting is correct.

The display will now change to PERIOD 2 MON and again two sets of four digits may be entered for the start and end of DAY PERIOD 2. Pressing **ENTER** after the second set of digits will change the display to PERIOD 3 MON allowing a third DAY TEMPERATURE period to be set up. (The procedure is exactly the same as for DAY PERIOD 1.). Again the display will change to DAY PERIOD 4 to allow the setting of a fourth DAY TEMPERATURE period. The display will change again after the fourth period has been entered to show DAY PERIOD 1 TUE.

At this point the copy button can be pressed to copy all the times from Monday to Tuesday. Pressing copy again will repeat the operation for Wednesday, etc.

The instructions above apply for the seven days of the week after which the display will return to the set-up menu. You may now return to normal run mode by pressing **RUN**, or enter one of the other three set-up programs.

Note 1: 24 hour clock notation must be used throughout.

Note 2: It is not necessary to allow a warm-up period prior to the start of the required day temperature as this is automatically calculated by the HEATMISER giving the required temperature at the time set.

Note 3: Any day period may be skipped or unused by leaving both start and end settings at 00.00.

*Note 4: At any time during these setting displays, pressing **ENTER** without changing the figures will accept the figures already displayed.. Pressing **RUN** at any time will return the HEATMISER to the set-up menu display. These features will allow minor changes to individual DAY TEMPERATURE Periods to be made without having to re-program the whole system.*

2 TIME

This is the section used to set the **HEATMISER** to the correct time and date. The internal timer is extremely accurate and therefore time settings should only be necessary for changes from Greenwich Mean Time to British Summer Time etc. The display will change similar to below showing the current set time and allowing the entry of a new time in Hours:Minutes.

TIME IS	: 15.59
NEW TIME	: .

Mistakes may be rectified by pressing **DEL**, press **ENTER** when new time is correct. The display will now change as below to allow changes to the date to be made.

DATE IS: 25-10-90
NEW ONE: - -

Again press **ENTER** when correct and the display will return to the set-up menu. You may now return to normal run mode by pressing **RUN**, or enter one of the other three set-up programs.

*Note: If **ENTER** is pressed at any display then current setting will be retained.*

3 CODE

This is the section used to set the passcode. Setting the passcode occasionally will ensure that the system cannot be reprogrammed or tampered with by unauthorised persons. On entering this mode, a display similar to that shown below will appear:

1) MANAGER CODE
2) OVERRIDE CODE

Pressing 1 will allow you to change the code for programming the unit. Pressing 2 will allow you to change the code needed for the override button.

CODE IS : 0000
NEW CODE :

You may now enter a new four digit code of your own choosing. Enter the code carefully, it will not be displayed, do not forget the new code, as without it you will not be able to alter the programming etc. Mistakes may be rectified by pressing **DEL**. Press **ENTER** when satisfied; you may wish to return to this display to check the setting before leaving set-up mode completely. You may now return to normal run mode by pressing **RUN**, or enter one of the other three set-up programs.

Note: In the event that the code is forgotten, you will need to contact your installer.

4 HOLS

This is the section used to set known periods in the year when the controlled zone will not be in use. Five periods can be preset, this is done by entering the start date and then the number of days the holiday lasts. A display similar to the one shown below will appear:

HOLIDAY PERIOD 1
S : 00 - 00 - 00 L : 00

You must now enter the date of the start of the required holiday period in the format DD - MM - YY, mistakes may be rectified by pressing **DEL**, press **ENTER** when correct. A two digit figure for the length of the holiday in days may now be entered, again press **ENTER** when correct. The display will now change to HOLIDAY PERIOD 2 and again you can enter a start date and the length of the holiday period. This will be repeated for all five holiday periods it

