HORSTMANN

CENTAURPLUS MODEL C127

Two Circuit, Single Time Base,7 Day,Heating and Hot Water Programmer

USER'S OPERATING INSTRUCTIONS

Please read this leaflet carefully before using your CentaurPlus programmer.

1. INTRODUCTION

The CentaurPlus C127 is an electronic,7 day central heating and hot water programmer; extremely reliable and easy to operate.

Properly programmed the CentaurPlus C127 will help you save energy and create a comfortable environment in your home.

The C127 has the following features:-

* 3 ON and 3 OFF periods every 24 hours with different settings for each day of the week.
* Separate control of hot water and heating.
* Override programme options of AUTO, ALLDAY, 24HRS, OFF.
* A central heating ADVANCE button allowing an instant switch from ON to OFF,or from OFF to ON without affecting normal settings.
* A BOOST button providing a 1 hour boost of extra hot water when required.

Programming and using the CentaurPlus C127 is easy.All you have to do is follow these step by step instructions.You will not need the help of an electrician, and no tools are needed
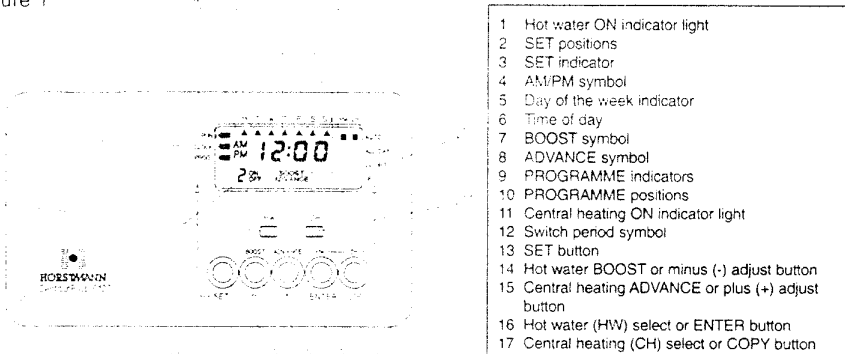
2. BUTTONS, INDICATORS and SYMBOLS

Most of the control buttons on your CentaurPlus programmer are dual purpose. They can be used either as PROGRAMME buttons for selecting override programmes, advance and boost facilities or as SETTING buttons for inputting time of day, on/off times etc.. The diagram below (figure 1) can be used to identify the buttons, indicators and symbols referred to in the following sections in this leaflet.

Figure 1

1	Hot water ON indicator light
2	SET positions
3	SET indicator
4	AM/PM symbol
5	Day of the week indicator
6	Time of day
7	BOOST symbol
8	ADVANCE symbol
9	PROGRAMME indicators
10	PROGRAMME positions
11	Central heating ON indicator light
12	Switch period symbol
13	SET button
14	Hot water BOOST or minus (-) adjust button
15	Central heating ADVANCE or plus (+) adjust button
16	Hot water (HW) select or ENTER button
17	Central heating (CH) select or COPY button

3. SETTING THE DAY AND TIME OF DAY

i) Press the SET button once so that the SET INDICATOR is pointing to the CLOCK position on the left of the display .The DAY OF THE WEEK INDICATOR will now flash. (see figure 2)
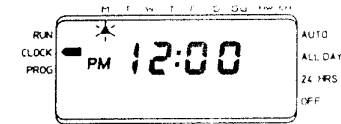
Figure 2

ii) Use the PLUS button (+) or MINUS button (-) to move the indicator to the current day of the week.
Letters relating to the days of the week are printed on the unit along the top of the display.

iii) Press the ENTER button.The TIME OF DAY will now flash. (see figure 3)

Figure 3

iv) Now use the PLUS (+) and MINUS (-) buttons to alter the display to the correct time of day, making sure that the AM/PM symbol is correct.

NOTE: By pressing and releasing the PLUS (+) and MINUS (-) buttons you advance or retard the time in one minute steps.If you keep the button depressed for a few seconds the display will fast cycle and the time can be changed more rapidly.

v) Now press the ENTER button.

The time of day has now been set. Return the programmer to RUN mode by pressing the SET button until the SET INDICATOR is pointing to the RUN position.

NOTE: When setting the day,time of day or switch times,if a period exceeding 60 seconds is allowed to elapse between button presses,the programmer will automatically revert to the RUN mode and any changes made since the last press of the enter button will NOT be saved.

4. SETTING THE PROGRAMME TIMES FOR HOT WATER AND HEATING

The programmer already contains a factory pre-set programme of ON/OFF times in its memory.These are based on the most commonly used settings and are shown below.

Mon - Fri		Sat + Sun	
1st ON: 6:30am	1st OFF: 8:30am	1st ON: 7:30am	1st OFF: 10:00am
2nd ON: 12:00pm	2nd OFF: 12:00pm	2nd ON: 12:00pm	2nd OFF: 12:00pm
3rd ON: 4:30pm	3rd OFF: 10:30pm	3rd ON: 5:00pm	3rd OFF: 11:00pm

NOTE: You can programme up to three ON/OFF times in a 24 hour period at minimum intervals of 10 minutes.However if you use the factory set programme the 2nd ON and 2nd OFF settings will have no effect because they are set to the same time.

If the above settings do not suit your requirements they can easily be changed as explained below.

i) Press the SET button twice so that the SET INDICATOR is pointing to the PROG position on the front of the programmer.The word "day" will appear on display and the day indicator will now flash (see figure 4)
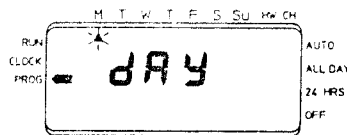
dAY

Figure 4

ii) Use the PLUS button (+) or MINUS button (-) to move the indicator to the day you wish to alter the programme settings for.
iii) Press the ENTER button.The display will now show 1 ON and the programmed time will flash. (see figure 5)
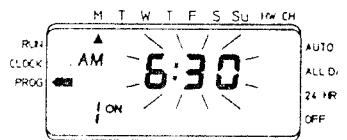
AM 6:30
1 ON

Figure 5

iv) Now use the PLUS (+) and MINUS (-) buttons to adjust the first ON time as necessary, then press ENTER
v) The 1st OFF time will now flash and this can be altered in the same way as the 1st ON time.
vi) Now press ENTER. The 2nd ON time will be displayed. Follow the same procedure to alter the programmed times for both the 2nd and 3rd ON/OFF times.

If you do not want to alter a particular programme time simply press the ENTER button and the display will move onto the next programme time.
Also should you not wish to use all three ON/OFF periods they can be cancelled by programming the ON operation at the same time as the OFF operation, eg 2nd ON at 12:00pm and 2nd OFF at 12:00pm.

NOTE: Always ensure the ON/OFF times are not out of sequence eg. 1st OFF set after 2nd ON.

Copy Feature

The times you set for one day may be suitable for other days.

Your CentaurPlus programmer allows you to COPY times from one day to another.

For example if you have just entered the 3rd OFF time for Monday the word COPY will be displayed and the day indicator will now flash (see figure 6) If you wish to have the same programme times for Tuesday simply adjust the day indicator so its pointing to Tuesday by using either the PLUS (+) or MINUS (-) buttons.
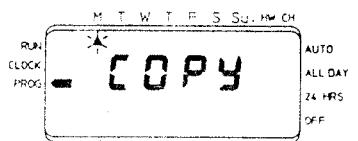
COPY

Figure 6

Then press the COPY button and the word "in" will appear on the display.
You have now successfully copied Monday's programme times to Tuesday.

Should you wish to copy these times to any other day(s) simply repeat the procedure detailed above.

If COPY is on the display and you do not wish to copy a days programmed times press the ENTER button. The word "day" will appear on the display and the day indicator will now flash.The programme times can now be adjusted as previously mentioned.

5. PROGRAMME SELECTION

For normal operation please ensure the SET INDICATOR on your CentaurPlus C127 programmer is always in the RUN position.

Press the relevant HW or CH select button so that the PROGRAMME INDICATOR which appears on the right hand side of the display is adjacent to the required programme position. (see figure 7)
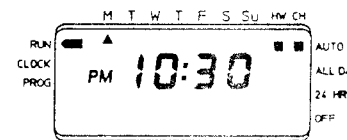
PM 10:30

Figure 7

The following programmes are available.

AUTO When auto is selected the programmer will switch on and off during the day according to the switching times held in the memory.
i.e. Upto three ON/OFF periods per day.

ALL DAY When ALL DAY is selected the programmer will switch the system ON at the 1st ON time setting and OFF at the 3rd OFF time setting ignoring all the intermediate time settings.

24 HRS When 24HRS is selected the system remains switched ON continuously ignoring ALL time settings.

OFF When OFF is selected the programmer clock continues to operate but the system remains OFF

NOTE: On a GRAVITY or partially controlled system the central heating will not function without the hot water being heated.For this reason the hot water programme may be overriden by the central heating selection and vice versa eg. If HW is selected for AUTO but the CH is required for 24Hrs then the HW programme will change to 24Hrs

When the programmer is in an ON period the relevant indicator light will glow.

6. BOOST HOT WATER

To operate the one hour hot water boost facility press the BOOST button and release.The word BOOST will appear on the display. (see figure 8)
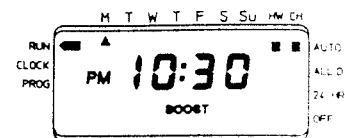
PM 10:30
BOOST

Figure 8

To cancel simply press the BOOST button again and release,the word BOOST will disappear from the display.

This facility can be used even if the hot water is programmed OFF.

7. ADVANCE HEATING

The advance facility allows you to start a central heating ON or OFF period early without altering the time or programme settings.This facility is only available when the AUTO or ALL DAY central heating programmes have been selected. (see section 5)

To operate the advance facility press the ADVANCE button and release.The word ADVANCE will appear on the display. (see figure 9)
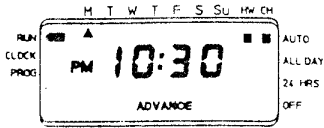
Figure 9

To cancel simply press the ADVANCE button again and release, the word ADVANCE will disappear from the display.

NOTE: The ADVANCE will not operate when the programmer is in either the permanently ON or OFF programme.

8. RE-SETTING YOUR PROGRAMMER

Electronic equipment can in some circumstances be affected by electrical interference.

If your programmer's display or switching program becomes frozen or scrambled or if you wish to revert to the factory pre-set times; you can completely RESET your programmer by pressing the SET and central heating CH select buttons at the same time.

9. RESERVE BATTERY

Your programmer is fitted with a NON-RECHARGEABLE,LONG LIFE battery which will maintain programmed time settings for a minimum of TEN MONTHS with the mains supply disconnected

THIS IS MORE THAN SUFFICIENT TO COVER ALL THE EXPECTED POWER INTERRUPTIONS DURING THE LIFE OF THE UNIT.

NOTE: When running on battery reserve your programmer's display will go blank.

If disconnection lasts longer than THREE DAYS then the current time of day will be lost but switch times will continue to be maintained.

These measures help to prolong the life of the battery.

10. SERVICE AND REPAIR

Your programmer is NOT USER SERVICEABLE.

DO NOT TRY TO DISMANTLE THE UNIT.

In the unlikely event of a fault developing please contact a local Heating Engineer or qualified Electrician, **BUT BEFORE DOING SO TRY RE-SETTING YOUR PROGRAMMER AS DESCRIBED IN SECTION 8 OF THIS LEAFLET.**

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