BATTERY

The programmer is fitted with a non-rechargeable, long life battery, which will maintain the programmed time settings for a minimum of ten months with the supply disconnected.
THIS SHOULD BE SUFFICIENT TO COVER POWER INTERRUPTIONS DURING THE LIFE OF THE UNIT.
During power interruptions the display will be blank, after 3 days the current time of day will be lost.
If the programmer is not to be used for a long period of time, the switch on the rear of the unit should be returned to the BATTERY OFF position. These are both to prolong the battery life.

SERVICE AND REPAIR

This programmer is NOT user serviceable. Please do not dismantle the unit.
In the unlikely event of a fault developing please refer to the RESETTING THE PROGRAMMER section of this user guide located on page 2. If this fails to resolve the problem please contact a local heating engineer or a qualified electrician.

QUESTIONS AND ANSWERS

The display only reads bAt	Turn the battery on. The switch on the rear of the unit must be in either the Fully Pumped or Gravity position.
The unit display has become frozen	This could be due to local electrical interference. Using the RESET procedure may rectify the fault.
The indicator neon fails to illuminate	Using the RESET procedure may rectify the fault. If the problem persists the programmer will need replacing.
The indicator neon will illuminate but the pump and/or boiler fails to operate	This may indicate a problem elsewhere in your system; E.g. A zone valve, etc. please contact a registered installer for advice.
There is no display on the programmer	Try the RESET procedure on page 2, if this fails to rectify the problem please have the mains supply checked
How do I know if the programmer is still under warranty	The ChannelPlus XL range comes with a 5 year guarantee from the date of manufacture. This date is located on the rear of the unit, indicated by a month over a year
How is the programmer removed from the wall	WARNING: The ChannelPlus programmer must only be removed from it's backplate by either a qualified electrician or heating engineer; The programmer plugs in to a 9 pin backplate located on the rear of the unit and is secured using 2 screws located on the top surface of the unit. Undo these screws and pull forward and down in an arc motion
When setting the programme times, the setting 'bounces' by 10 minute periods	This indicates that you have reached an existing set time period, you will be unable to set a new ON/OFF time unless there is an alteration to the existing timed period

HORSTMANN

Horstmann's ChannelPlus H17XL - Single Channel Programmer   Offers up to three programmed operating periods per day with independent Boost and Advance control.
Can be used as a direct replacement for the 425 Coronet, where the load does not exceed 3Amps and H517(Allowing for new programmer position).
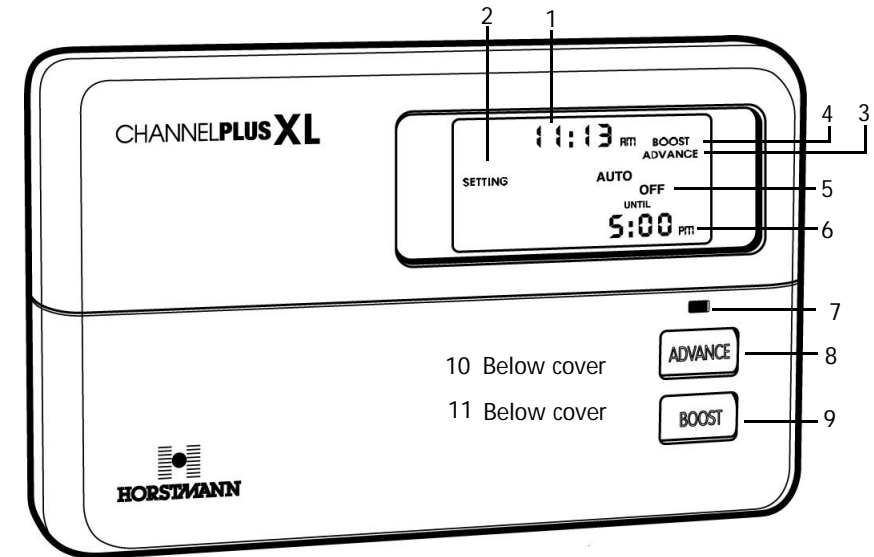
The following are some of the easy to operate features:-
1 or 2 Hour Boost.
Advance control gives instant On/Off override
Up to 3 On/Off periods in each 24 Hour operation.
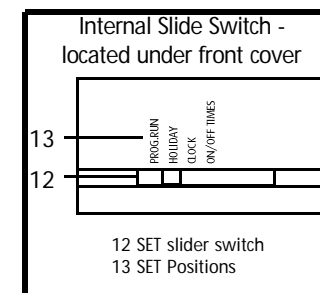Programme options: Auto / All day / On constantly / Off

10 Below cover
11 Below cover

LCD DISPLAY FEATURES
1 Current TIME OF DAY
2 Switch time SETTING indicator
3 ADVANCE symbol
4 BOOST symbol
5 Current programme
6 Next switch time

LED INDICATOR
7 Circuit ON indicator

Internal Slide Switch - located under front cover

12 SET slider switch
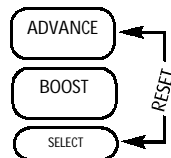13 SET Positions

EASY TO USE PROGRAMME AND FEATURE BUTTONS
8 ADVANCE(ENTER) button
9 BOOST button
10 PLUS button - located under the cover
11 MINUS button - located under the cover

The SELECT button is located under the front cover

RESETTING THE PROGRAMMER

Electronic equipment can in some circumstances be affected by electrical interference. If the programmer's display becomes frozen or scrambled; or if you wish to revert back to the default time settings please use the following procedure.

Lower the front flap of the unit. Press the ADVANCE and SELECT buttons together then release the buttons and the programmer will return to the preset factory settings.
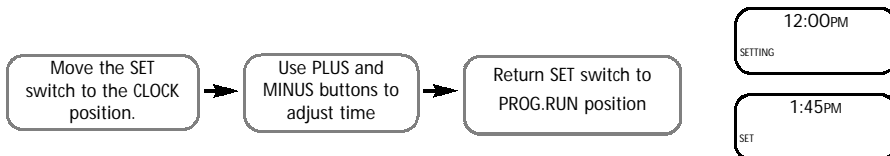
ADVANCE
BOOST
SELECT
RESET

FRONT COVER

The normal working position for the SET switch is in the PROG.RUN position. In order to remind the user of this, the flap is unable to be closed with the switch in any other position.

The simple instructions below are designed to help with the programming of the unit. All the following instructions require the front flap to be lowered. Please replace the flap when normal operation is required.
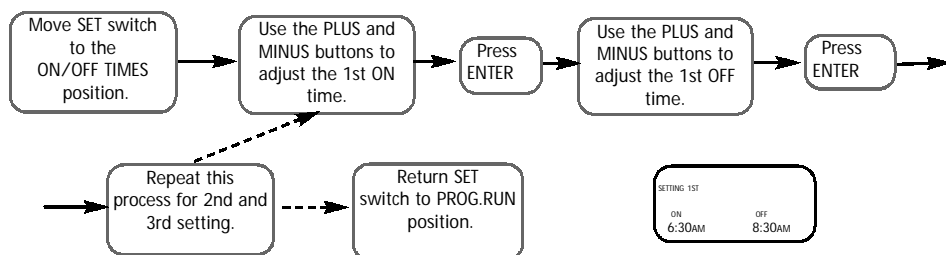
SETTING TIME OF DAY

Move the SET switch to the CLOCK position. → Use PLUS and MINUS buttons to adjust time → Return SET switch to PROG.RUN position

12:00PM
SETTING

1:45PM
SET

DEFAULT TIME SETTINGS

1st ON	1st OFF	2nd ON	2nd OFF	3rd ON	3rd OFF
6:30 AM	8:30 AM	12:00 PM	12:00 PM	4:30 PM	10:30 PM

The default factory settings are shown above, however if you wish to change these proceed as instructed below.
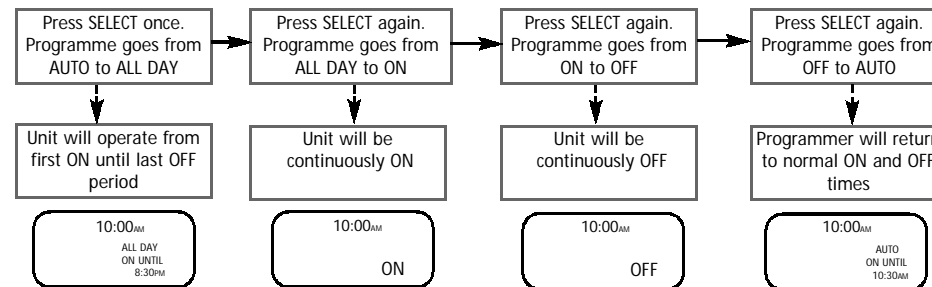
SETTING THE ON AND OFF TIMES

Move SET switch to the ON/OFF TIMES position. → Use the PLUS and MINUS buttons to adjust the 1st ON time. → Press ENTER → Use the PLUS and MINUS buttons to adjust the 1st OFF time. → Press ENTER →

Repeat this process for 2nd and 3rd setting. → Return SET switch to PROG.RUN position.
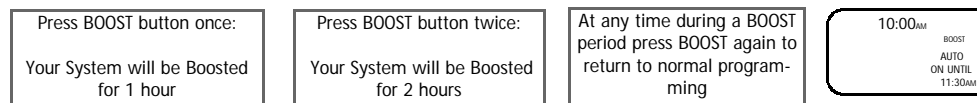
SETTING 1ST
ON 6:30AM   OFF 8:30AM

Should you encounter any problems, please refer to the Question and Answer section located on page 4
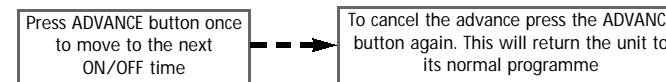
SPECIAL FEATURES

The SET slide switch must be in the PROG.RUN position for the following instructions.
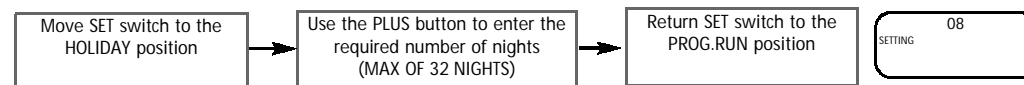
Press SELECT once. Programme goes from AUTO to ALL DAY → Unit will operate from first ON until last OFF period

10:00AM
ALL DAY
ON UNTIL
8:30PM

Press SELECT again. Programme goes from ALL DAY to ON → Unit will be continuously ON

10:00AM
ON

Press SELECT again. Programme goes from ON to OFF → Unit will be continuously OFF

10:00AM
OFF

Press SELECT again. Programme goes from OFF to AUTO → Programmer will return to normal ON and OFF times

10:00AM
AUTO
ON UNTIL
10:30AM

BOOST FUNCTION - 1 or 2 hour temporary override

Press BOOST button once: Your System will be Boosted for 1 hour

Press BOOST button twice: Your System will be Boosted for 2 hours

At any time during a BOOST period press BOOST again to return to normal programming

10:00AM
BOOST
AUTO
ON UNTIL
11:30AM

ADVANCE FUNCTION - Brings forward next on or off operation

Press ADVANCE button once to move to the next ON/OFF time ----→ To cancel the advance press the ADVANCE button again. This will return the unit to its normal programme

HOLIDAY FUNCTION - Allows system to be programmed for up to 32 days

Move SET switch to the HOLIDAY position → Use the PLUS button to enter the required number of nights (MAX OF 32 NIGHTS) → Return SET switch to the PROG.RUN position

08
SETTING

Whilst the HOLIDAY FUNCTION is in operation the system will remain OFF, the display will show the number of nights remaining. The HOLIDAY setting is an instant function and cannot be set in advance. The HOLIDAY FUNCTION can be cancelled at any time by pressing any of the SELECT buttons. Normal programme functions will resume at the first ON period after the pre-set number of nights has expired.

INFORMATION AND ADVICE

Programming ON/OFF times

If a period is not required it can be cancelled by setting the ON and OFF settings to the same time. Example ON 10:00am OFF 10:00am

Your programmer will prevent you from accidentally overlapping ON and OFF times. Example: If the 2nd ON time is set at 12:00pm and then you try and set the 1st OFF at 12:30 pm the OFF setting will 'bounce' by a 10 minute period until the 2nd ON time has been adjusted.