

## Chronopass Programming Cassette

### Description

The Chronopass is a programming device that enables you to set the times that your heating system operates. The function of the Chronopass is to determine at which times of the day the heating system switches from the 'Comfort' setting (full temperature) to the 'Economy' setting (a reduced set-back temperature) and vice versa. The Chronopass programmer can be overridden at any time by using the individual 'mode' selector switch that can be found on the control panel of each heater (see the heater user instructions for further information)

The heaters in your home are linked together, via the wiring system, into a number of zones. Normally there are 2 zones in each home e.g. the 'day' areas and the bedroom areas. Each of these zones is controlled by one Chronopass, therefore in a home with 2 zones there will be 2 Chronopass. In a 2-zone system the Chronopass are normally located in the Living Room and Master Bedroom heaters.

### User Instructions

#### Display Description

The Chronopass cassette has seven distinct displays within the screen that can be separately programmed (if these displays are not already showing, they can be activated by pushing any of the buttons). These displays are:

- Day of the week (denoted by a number 1 – 7: 1 – Monday, 2 – Tuesday, etc) and time (24-hour clock) located at the top of the screen. This is used as a reference clock for the other settings and should be set to actual time.
- Three programming dials, each of which is divided into 24 hourly segments. The outer ring of solid black squares indicate the times of the day for which the full 'Comfort' temperature on the heater is selected. The inner ring of empty squares, indicate the times of the day for which the lower, 'Economy', temperature is selected. The Chronopass switches the heaters between these two temperature settings. The 'Comfort' and 'Economy' room temperature settings are set at each heater.
- Three sets of 7 days, i.e. 1,2,3.. etc (running vertically to the side of each of the above 3 dials). These allow you to set the programmes such that each day of the week is allocated to one of the 3 programme settings. The Chronopass will not allow a day to appear against more than one programme dial.

The Chronopass has three setting control buttons:

- A black slider ❶ which is located on the side of the device and can be moved up or down to navigate through the display settings.
- A grey "Program" ❷ button which is used to change display settings.
- A green "OK" ❸ button which is used to confirm the chosen settings.

#### Using the Chronopass

The screen on the Chronopass is usually blank but will become active on removing it from the heater pocket, which is located on the RHS of the heater below the thermostat controls, or after pressing any button. It will go blank again if the buttons are unused for 4 minutes.

**Setting the clock.** The day and the time should be set to actual time. If all displays are showing and static then by moving the navigator ❶ downwards it will first make the day and clock display flash. To change the day setting, press 'Program' ❷ to make the day number flash. (The days of the week are denoted by numbers, i.e. 1 for Monday, 2 for Tuesday, etc.). If the day of the week is correct, press 'OK' ❸ to confirm it, if not, move the navigation button ❶ upwards or downwards, to change to the correct day and press 'OK' ❸ to confirm it. The hours will then flash. To set the hours, repeat the procedure as for the days (note: it is a 24-hour clock) and then do the same to set the minutes. Pressing 'OK' ❸ after setting the minutes will cause the complete time display to flash. By either pressing 'OK' ❸ again you will exit the display setting or by moving the navigation button ❶ you will reach the next part of the display, to enable you to change it.

**Setting the programming dials.** Starting from the blank screen, push the navigation button ❶ downwards until you reach the stage where the first dial display is flashing. When that dial display is flashing, press the program button ❷. The first square will flash. Each square denotes the 60 minutes of operation relative to the 24 hour clock. Either press 'Program' ❷ to change to 'Comfort' (the outer solid black square) or 'Economy' (the inner empty square) as required or use the navigation button ❶ to move to a square that you do wish to change.

Proceed in this way until all of the squares on that display are set as you wish them to be. Press 'OK' ③. The complete dial will flash. Then either press 'OK' ③ again to exit the display setting or move the navigation button ① until you reach the next display that you wish to change, e.g. the days of the week.

**Setting the days.** The days of the week (displayed vertically, adjacent to the dial) for which you want the accompanying programme to operate, are set as follows: Use the navigation button ① to get to the point where the '7 days display' is flashing. On reaching this display, press 'Program' ②. (The days to which the adjacent programme will apply have a small arrow against it). Day 1 will flash. Either press 'Program' ② to add or remove the arrow, as required, or use the navigation button ① to move to a day that you do wish to change. Proceed in this way until all of the days on that display are set as you wish them to be, then press 'OK' ③. All 7 days will flash. Then either press 'OK' ③ again to exit display setting or move the navigation button ① until you reach the next display that you wish to change.

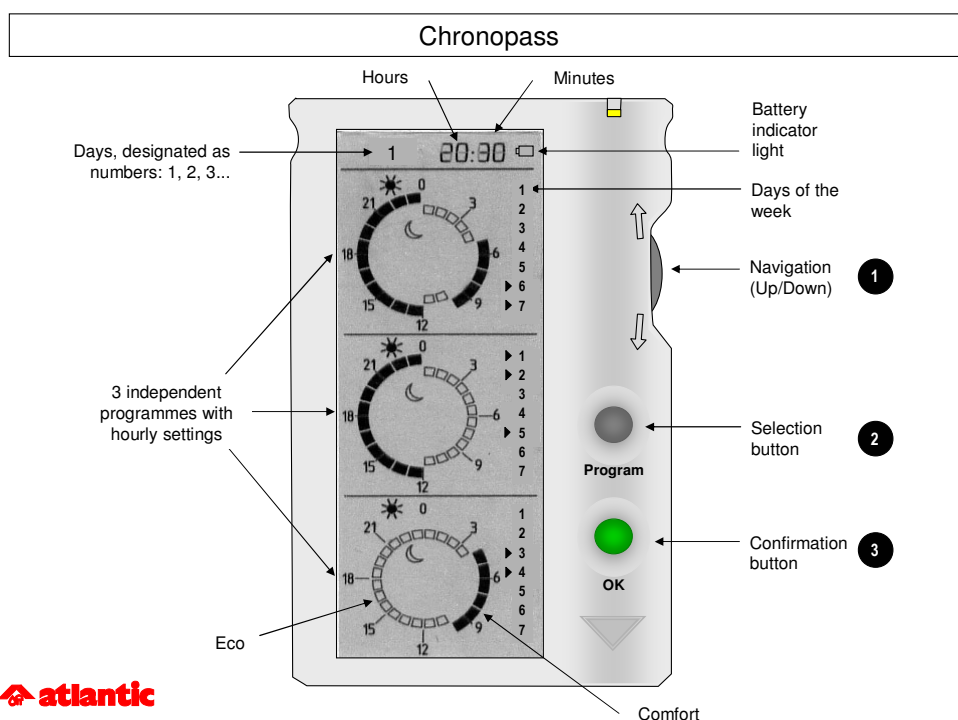
By using the above method, the three programming dials can be allocated to any of the 7 days of the week. The Chronopass will not allow one day to be allocated against more than one programming dial.

**To control the heaters in the zone, the Chronopass must be put back into the pocket on the side of the heater. Insert it with the screen facing forwards (away from the wall) and the four pin connector pointing into the pocket.** When fully inserted a light on the outer end of the Chronopass will flash 5 times.

**Battery.** The Chronopass is battery-operated. The battery is located in the inner end of the Chronopass and will require changing approximately every 2 years. When the battery requires changing, a battery symbol appears to the right of the minutes display in the actual time display. The battery is mounted in a grey carrier. Any replacement battery must be of the same 3V, CR2032 type. With the screen facing upwards and taking great care to keep the silver contact strip in place, insert the carrier negative side up. A click will confirm the carrier is in place

**Child Tamper Proofing.** Making the Chronopass tamperproof is done by pressing 'Program' ② and 'OK' ③ at the same time. This permanently blanks the display. Unblinking is done in the same way.

**Please Note:** The 'Comfort' and 'Economy' temperature level settings on the heaters are independent of the Chronopass. Please see separate heater instructions for adjusting them.



Actual size: height 106mm; 65mm; thickness 13mm  
Tour-Atlantic Ltd.

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