

# Alpha 7-Day Digital 2 Channel Heating Clock

Part No. 6.1000220

## INSTALLATION INSTRUCTIONS - See Fig. 1

**IMPORTANT: Ensure the electricity supply to the boiler is isolated.**

1. Remove the two screws at the top of the boiler front panel and remove the panel, then remove the two screws (one each side) securing the control panel and lower the panel.
2. Remove the two screws securing the clock cover to the rear of the control panel and remove the cover.
3. Remove and discard the clock blanking panel.
4. Insert the clock into the opening and secure in place with the screws and spacers supplied fitted in the control panel. Do not overtighten the fixing screws.
5. Connect the clock wiring as follows:  
Brown wire to terminal 1, Blue wire to terminal 2, Black wire to terminal 3, Grey wire to terminal 4 and White wire to terminal 5. **ENSURE WIRING IS CORRECT**
6. Replace the clock cover. Do not overtighten the fixing screws.
7. Leave the control panel open until commissioning procedures have been completed.

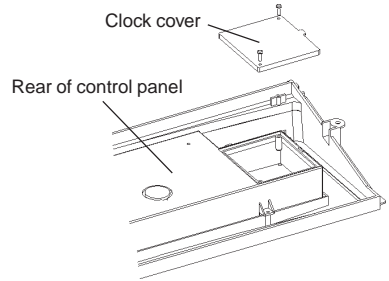


Fig. 1

## USER INSTRUCTIONS

This two channel clock allows you to set different times at which the boiler will operate to provide central heating and domestic hot water separately.

The clock is fitted with a battery which allows it to retain your programmes in the event of a power failure. The clock returns to normal operation when the power is restored.

The clock allows you to set upto eight switching periods (ON/OFF) for both central heating and domestic hot water. These can be individual days or groups of days, for example:

Monday to Sunday (M T W Th F S Su)

Monday to Friday (M T W Th F)

Saturday to Sunday (S Su)

## To Set the Time - See Fig. 2

Ensure the override is at 'AUTO' and the selector is at 'RUN', then press the small 'R' button with the tip of a pen to clear the clock's memory and reset. The display will become blank and then flash on/off. Press the 'HR' and 'MIN' buttons at the same time for 3 seconds and set the time as follows:

1. Press and release the 'DAY' button until the current day of the week is selected, indicated by the arrow.
2. Press the 'HR' button to select the current time in hours (24 hour display).
3. Press the 'MIN' button to select the time in minutes.
4. Slide the selector to 'P1' or 'P2', then back to 'RUN' or wait 15 seconds.

The clock will now be set at the correct time and day of the week.

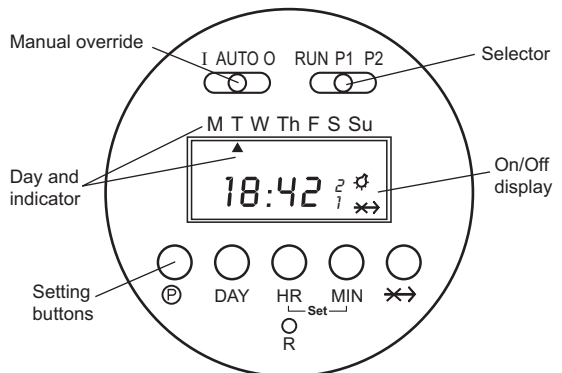




Fig. 2

## To Set the Programmes - See Fig. 2

### a) Set the domestic hot water times 'P1'

1. Slide the selector to the 'P1' position (1 and  will appear at the bottom right hand of the display). Use the 'DAY', 'HR' and 'MIN' buttons to select the first 'ON' time.
2. Press and release the  button ('2' will appear at the bottom right hand of the display). Use the 'DAY', 'HR' and 'MIN' buttons to select the first 'OFF' time.  
**Note:** Ensure the same group of days is selected for the corresponding 'ON' and 'OFF' times.
3. Continue to set the switching periods as required - you do not necessarily need to set all eight periods.
4. Return the selector to the 'RUN' position.

### b) Set the central heating times 'P2'



Slide the selector to the 'P2' position and repeat as in a) 1 to 4.

### c) Typical switching times could be as follows:


ON 07:00      OFF 09:00      ON 16:00      OFF 22:00

If this setting was used with all the days of the week selected, it would result in central heating being available between 7.00am and 9.00am and between 4.00pm and 10.00pm each day of the week. If required, Saturday and Sunday could be set to different times.




## Manual Override Switch

With the override switch in the 'auto' position the boiler will provide hot water and central heating during the times stored in the clock. A  will appear at the right hand of the display when the hot water (P1) and/or central heating (P2) is 'ON' e.g. if both are 'ON' a 1, 2 and  are displayed.



## To Continuously turn 'OFF' One or Both Channels




Slide manual override switch to the 'O' position, then press the  button until '1' and/or '2' flash on the display. i.e. press once for '1' to flash, twice for '2' to flash. Allow 3 seconds delay before each selection. The numbers flashing indicate these channels are continuously 'OFF'. To return to the set programmes, slide the manual override switch to 'AUTO'.

## To Continuously turn 'ON' One or Both Channels

Slide the manual override switch to the 'I' position, then press the  button until '1' or '2' flash and wait until  is displayed. i.e. press once for '1' to flash, twice for '2' to flash. Allow 3 seconds delay before each selection. When  is displayed, it indicates the channels are continuously 'ON'. To return to the set programmes, slide the manual override switch to 'AUTO'.

## Soft Override Button

If the soft override button  is pressed and  is displayed, the clock will advance to the next timed programme 'ON' or 'OFF'.

Press the  button once for channel '1', twice for channel '2'. Allow 3 seconds delay before each selection.  displayed indicates the soft override function is selected. To return to the set programmes, press the  button once for '1' to be removed, twice for '2' to be removed.

# Alpha

HEATING INNOVATION

Alpha Therm Limited.  
Nepicar House, London Road, Wrotham Heath  
Sevenoaks, Kent TN15 7RS

email: [info@alphatherm.co.uk](mailto:info@alphatherm.co.uk)  
website: [www.alpha-innovation.co.uk](http://www.alpha-innovation.co.uk)

*These instructions have been carefully prepared but we reserve the right to alter the specification at any time in the interest of product improvement.*  
© Alpha Therm Limited 2005.