OPERATING YOUR CONTROLLER

For normal operation the setting slider must be in the **RUN PROGRAMME** position.

A red indicator lamp shows when the heating or hot water is switched **ON**.

Two sliders are provided to select how the heating and hot water are controlled.

The **HEATING SLIDER** has four positions:

OFF - The Heating will remain OFF.

AUTO - The heating will be switched **ON** and **OFF** automatically according to the heating programme.

ONCE - The heating will come **ON** at the first programmed **ON** time and go **OFF** at the last programmed **OFF** time.

CONT. - The heating will remain **ON** continuously.

The **HOT WATER** slider operates in the same manner as described above for the **HEATING SLIDER**.

EXTRA HOUR

The **EXTRA HOUR** buttons switch the heating or hot water **ON** for up to 3 extra hours without altering the programme. Pressing either button once will give one extra hour, and the words **HEATING +1 HR** or **HOT WATER +1 HR** show on the display to confirm the button has been pressed.

When the red indicator lamp is **OFF**, pressing the **EXTRA HOUR** button switches the heating or hot water **ON** for just one hour.

When the red indicator lamp is **ON**, pressing the **EXTRA HOUR** button extends the programmed **ON** period by one hour.

Further presses of the **EXTRA HOUR** buttons will increase the extra hour period by one hour for each button press, up to a maximum of 3 hours. The display will change to show the number of extra hours, for example **HEATING +3 HR** or **HOT WATER +2 HR**.

To cancel the extra hours, keep pressing the EXTRA HOUR button until the HEATING + (1,2 or 3) HR or HOT WATER + (1,2 or 3) HR disappears from the display.

OVERRIDE

The **OVERRIDE** buttons switch the heating or hot water **ON** or **OFF** without altering the programme.

When the indicator lamp is **ON**, pressing the **OVERRIDE** button switches the heating or hot water **OFF** until the next programmed **ON** time.

When the indicator lamp is **OFF**, pressing the **OVERRIDE** button switches the heating or hot water **ON** until the next programmed **OFF** time.

RESET

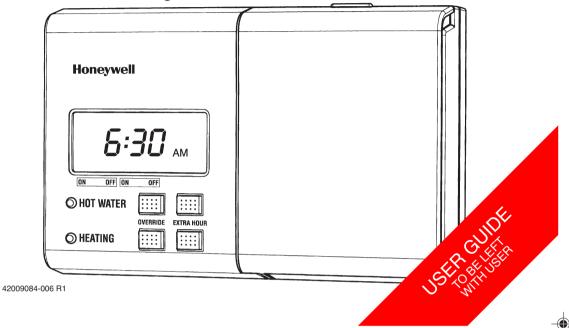
To reset the programmer back to the original built-in programme press the **RESET** button with the tip of a pen or pencil.

POWER FAILURE

Your programmer has a built-in battery to ensure correct operation after a main supply power cut. No action should be necessary following a power cut of up to 4 days. Longer power cuts may require you to re-programme.

Honeywell

ST6400A Programmer



INTRODUCTION

The ST6400A programmer controls your central heating system. It will enable you to select the times when heating and hot water are switched **ON** and **OFF**.

FEATURES

- 24 hour heating programme.
- 24 hour hot water programme.
- · Two ON/OFF switching times per day.
- Built-in programme with typical ON/OFF times
- Override buttons for heating and hot water.
- Extra hour buttons for heating and hot water.
- Built-in battery to prevent loss of programme during power cuts.
- 12 hour am/pm or 24 hour clock format.

The ST6400A and other Honeywell controls in your central heating system will provide comfortable temperatures in your home when you want them.

12 HOUR AM/PM or 24 HOUR CLOCK DISPLAY

Your programmer can operate on 12 hour am/pm or 24 hour clock formats. To change the format, ensure the setting slider is in the **RUN PRO-GRAMME** position then press the + and - buttons together for about 5 seconds. All the displayed times will be automatically changed to the new format

Repeating this procedure will change the clock display back to the original format.







SETTING YOUR PROGRAMMER

SETTING THE CORRECT TIME

To set the correct time, open the flap on the front of the programmer.

STEP1

Move the setting slider to the **SET TIME** position. The time on the display will now be flashing to indicate it can be changed.



STEP 2

To change the time, press the + or - buttons until the correct time is displayed.

Each press of the button will change the time by one minute. Holding the button down for more than a few seconds will change the time slowly at first, then quickly.

STEP 3

Moving the setting slider to the next position completes setting the time.

SETTING THE HOT WATER PROGRAMME

The hot water programme has two **ON/OFF** switching times per day. Each time can be set between 3.00 am and 2.50 am (on the next day) to allow you to programme the hot water to stay on past midnight, if required.

STEP 4

Move the setting slider to the **SET HOT WATER** position. The words **HOT WATER** will now be visible on the display and the first **ON** time will now be flashing.

STEP 5

Use the + and - buttons to set the first **ON** time. Each press of the button will change the time by 10 minutes.

STEP 6

Press the **NEXT ON/OFF** button once to display the first **OFF** time. Set this time using the **+** and **-** buttons.

STEP 7

By pressing the **NEXT ON/OFF** and + or - buttons the remaining **ON/OFF** times can be set.

NOTE

- When pressing the + button, the next ON or OFF marker may start to flash. If this happens the next programme time will have been changed. Press the NEXT ON/OFF button to check and adjust this programme time if necessary.
- When pressing the button, the previous ON or OFF marker may start to flash. If this happens the previous programme time will have been changed. Follow the procedure in "REVIEWING PROGRAMME TIMES" to check and adjust this time if necessary.

Moving the setting slider to the next position completes setting the hot water programme.

SETTING THE HEATING PROGRAMME

The heating programme has two **ON/OFF** switching times per day. Each time can be set between 3.00 am and 2.50 am (on the next day) to allow you to programme the heating to stay on after midnight if required.

STEP 8

Move the setting slider to the **SET HEATING** position. The word **HEATING** will now be visible on the display and the first **ON** time will be flashing.

STEP 9

The required heating programme can now be set by following the same procedure as "**SETTING THE HOT WATER PROGRAMME**" in steps 5 to 7.

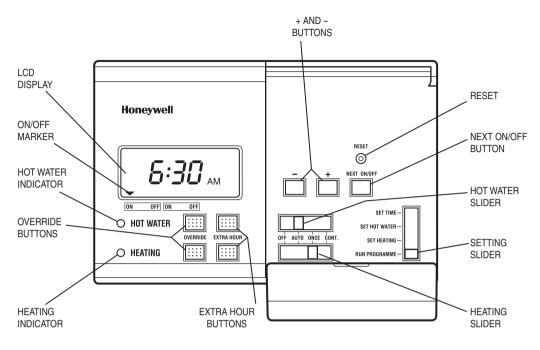
STEP 10

Moving the setting slider to the next position completes setting the heating programme.

REVIEWING PROGRAMME TIMES

To review your hot water programme move the setting slider to the **SET HOT WATER** position. To review your heating programme move the setting slider to the **SET HEATING** position. To review the programme times press the **NEXT**

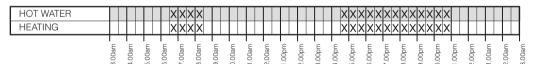
ON/OFF button repeatedly. Any of these times can be adjusted by using the + and - buttons.



IF DISPLAY REMAINS BLANK AFTER SWITCH ON - PRESS RESET



BUILT-IN PROGRAMME



PERSONAL PROGRAMME

