

#### h. Party Mode

Press the Selector button until  is displayed

The heating will switch 'On' and stay on until the next 'On' setting for maximum room temperature. The unit will then revert back to normal operation

To cancel this mode and return to the main display, press 

#### i. Holiday Mode

Press the Selector button until  is displayed

In this mode a room temperature can be selected for a certain number of days.

Press the / buttons to select the required number of days, then press 

Press the / buttons to select the required room temperature, then press 

After the selected number of days have passed, the unit reverts back to normal operation

To cancel this mode and return to the main display, press 

#### j. Reset

Pressing the reset button clears all programmes, times and temperatures and resetting is required as detailed in section 5.

### 6. Important User Information

The Easy-Stat is a programmable room thermostat.

A programmable room thermostat is both a programmer and a room thermostat. A programmer allows you to set 'On' and 'Off' time periods to suit your own lifestyle. A room thermostat works by sensing the air temperature, switching on the heating when the air temperature falls below the thermostat setting, and switching it off once this set temperature has been reached.

Therefore a programmable room thermostat lets you choose the times you want the heating to be on, and what temperature it should reach while it is on. It will allow you to select different temperatures in your home at different times of the day (and days of the week) to meet your particular needs.

Turning a programmable room thermostat to a higher setting will not make the room heat up any faster. How quickly the room heats up depends on the design of the heating system, for example, the size of boiler and radiators.

Neither does the setting affect how quickly the room cools down. Turning a programmable room thermostat to a lower setting will result in the room being maintained at a lower temperature, thereby saving energy.

The way to set and use your programmable room thermostat is to find the lowest temperature settings that you are comfortable with at the different times you have chosen, and then leave it alone to do its job. The best way to do this is to set low temperatures first, say 18°C, and then turn them up by one degree each day until you are comfortable with the temperatures. You won't have to adjust the thermostat further. Any adjustments above these setting will waste energy and cost you more money.

If your heating system is a boiler with radiators, there will usually be only one programmable room thermostat to control the whole house. But you can have different temperatures in individual rooms by installing thermostatic radiator valves (TRVs) on individual radiators. If you don't have TRVs, you should choose a temperature that is reasonable for the whole house. If you do have TRVs, you can choose a slightly higher setting to make sure that even the coldest room is comfortable, then prevent any overheating in other rooms by adjusting the TRVs.

The time on the programmer must be correct. Some types have to be adjusted in spring and autumn at

# ALPHA 7-DAY EASY-STAT – 6.1000250 (Single Channel / Pre-commissioned)

## 1. Description

The Alpha Easy-Stat is a radio frequency 7-Day clock and room thermostat. It consists of a Transmitter, with a boiler mounted Receiver as shown in Fig. 1. The unit can be pre-programmed to provide maximum and minimum room temperature control. Each day can be programmed with the same – or different – time periods. The programme can be temporarily or permanently overridden to increase or decrease the desired temperature setting. The Easy-Stat's transmitter is battery powered using two AA size alkaline batteries. The batteries should operate the unit for approximately 18 months to 2 years depending on the number of switching operations etc. When the batteries need replacing, a low battery symbol  flashes in the display. After replacement, only the time will need to be reset (the programmes and temperature settings are stored when the batteries are removed).

**Note:** If the batteries are not replaced and no valid signal is received from the Transmitter, the Receiver's neon light will flash every 0.5 seconds. After 1 hr the boiler will operate in 'Emergency mode' (heating on for 4 min. and off for 9 min.) until the batteries are replaced.



Easy-Stat Transmitter



Easy-Stat Receiver

Fig. 1

## 2. Installation of Receiver into boiler - see Fig. 2

Ensure the electrical supply to the boiler is isolated.

- Lower the front cover and remove the two fixing screws (one each side) securing the control panel. Close the front cover and lower the control panel.
- Remove the two screws securing the clock cover at the rear of the control panel and remove cover.
- Remove and discard the clock blanking panel.
- Connect the boiler wiring to the receiver.

**Red wires to terminals 3 and 4**

**Brown wire to terminal 2**

**Blue wire to terminal 1**

**ENSURE WIRING IS CORRECT**

- Insert the Receiver into the opening and secure in place with the screws supplied fitted in the control panel.
- Replace the clock cover. Do not overtighten the fixing screws.
- Leave the control panel open until commissioning procedures have been completed.

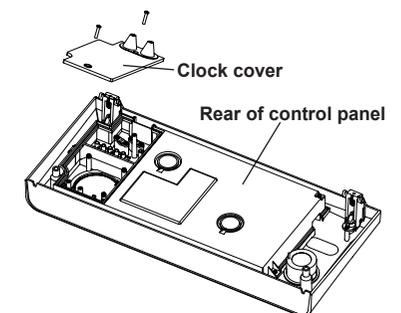


Fig. 2

# Alpha

HEATING INNOVATION

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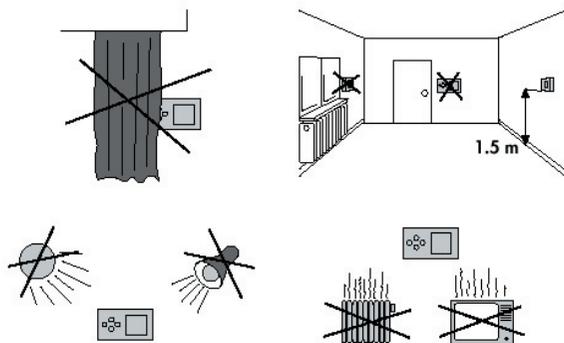


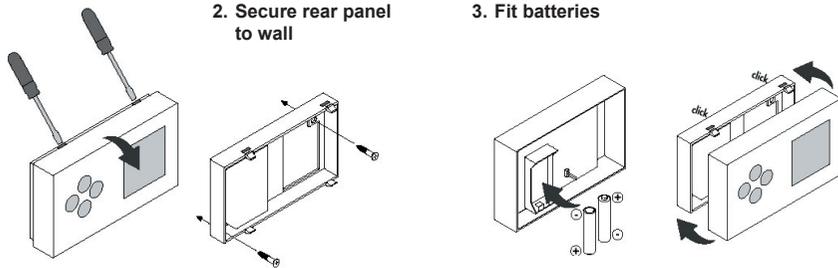
Fig. 3

1. Remove wall mounting rear panel from

2. Secure rear panel to wall

3. Fit batteries

4. Re-assemble Transmitter to rear panel



Ensure the batteries (2 x 1.5V L26/AA) are correctly fitted

Fig. 4

### 3. Installation of Transmitter - see Figs. 3 and 4

Locate and fit the Transmitter as in Fig. 4, taking into consideration where not to position the Transmitter as shown in Fig. 3. The following can reduce, deflect or block radio frequency signals between the Transmitter and Receiver.

- Steel reinforced walls.
- Large metallic objects e.g. kitchen appliances, filing cabinets, mirrors etc.
- Maximum distance between Receiver and Transmitter is:-
  - In open air 50m.
  - In building 20m to 30m depending on radar obstruction.

### 4. Commissioning

**Note:** The Receiver and Transmitter have been pre-commissioned at the factory, therefore the radio link between them has already been established. However, if the Receiver or Transmitter has been changed then full commissioning will be required as follows:-

- Turn on electrical supply to boiler and turn boiler selector to
- Press and hold black button on Receiver until the neon light has flashed twice.
- Release the button and the neon light will remain illuminated.
- Press and hold the top and bottom button on the Transmitter at the same time until Ed 01 is displayed. Then press
- Then, Fu on (flashing) is displayed. Then press
- The symbol

- When a signal is received from the Transmitter, the Receiver neon will go out. The radio link between the Transmitter and Receiver is now established.
- Press the Selector button or

**Note:** When in operation and an 'ON' signal is received the Receiver neon will illuminate continuously. When an 'OFF' signal is received the neon will flash intermittently.

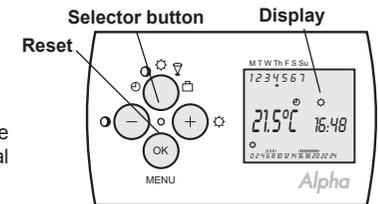


Fig. 5

### 5. User Instructions - see Fig. 5

#### a. Set Time

Press the Menu button until flashing

Press the / buttons to set current HR, then press

Press the / buttons to set current MIN, then press

Press the / buttons to set current DAY (1 = Monday, 7 = Sunday), then press

#### b. Set Maximum Room Temperature

Press the Menu button until flashing

Press the / buttons to select the required maximum room temperature, then press

#### c. Set Minimum Room Temperature

Press the Menu button until flashing

Press the / buttons to select the required minimum room temperature, then press

#### d. Set Heating Programme

Press the Menu button until a flashing P1, P2, P3, P4 or Pd is displayed

P1 - ON between 7am and 11pm

P2 - ON between 6am and 9am then 5pm and 10pm

P3 - ON for 24hrs

P4 - OFF for 24hrs except when the minimum room temperature is reached, when it will come on

Pd - Daily programmes can be set individually

**Note:** Programmes P1 to P4 cannot be changed.

If selecting a programme between P1 and P4 press the / buttons until the programme required is displayed, then press

To set a Pd programme, press the button for OFF periods and press the button for ON periods, then press

#### e. Override Mode

Press the button, and is displayed. Press the / buttons to set the required room temperature. This will continue until next setting and then revert back to normal operation.

To cancel this mode and return to the main display, press the Selector button or

#### f. Continuous Minimum Room Temperature Mode

Press the Selector button until

The minimum set temperature will now be maintained

To cancel this mode and return to the main display, press

#### g. Continuous Maximum Room Temperature Mode

Press the Selector button until

The maximum set temperature will now be maintained

To cancel this mode and return to the main display, press