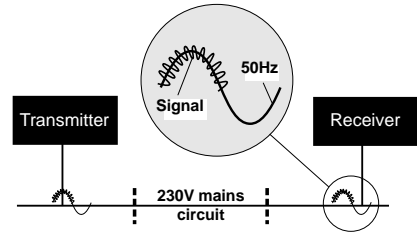


1. SPECIFICATION

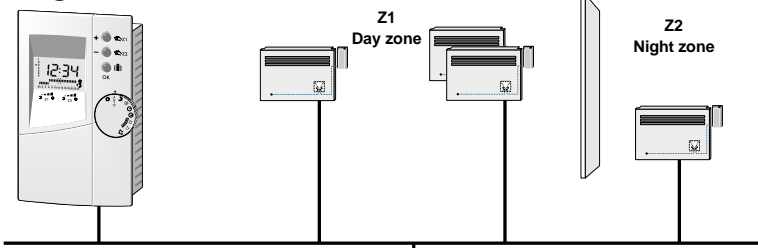
- 230V, +/-10%, 50Hz power supply
- Clock back-up in case of power cut: 4 hrs approx. (by capacitor)
- Consumption: 4 VA
- Class II insulation
- Function mode selection switch
- Choice of four permanent modes (Frost-protection, Setback, Comfort, Off) and one customisable programme per day, per zone
- Automatic override by zone until next programme change
- Programmable frost-protection adjustable for 1 to 99 days
- Emission frequency: 132.45kHz
- Emission power conforms to standard CENELEC EN 50065-1
- Internal resistance: 5Ω
- Reception sensitivity: 2.5mV
- "House" addressing: 65000 factory-coded combinations
- Digital display
- Control panel: 128 x 85 x 43 mm
- Wall fixing to connection box or surface-mount
- Protection index: IP 30

2. GENERAL PRINCIPLE

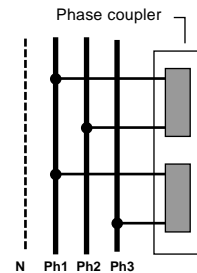
The main principle of "MBS" transmissions is to superimpose a coded signal with a higher frequency and lower amplitude on the 50Hz mains frequency, between the live and neutral wires.



Programmer



In the case of a three-phase installation, you should use a phase coupler to transmit over the 3 phases simultaneously.



3. INSTALLATION

3.1 Where to install

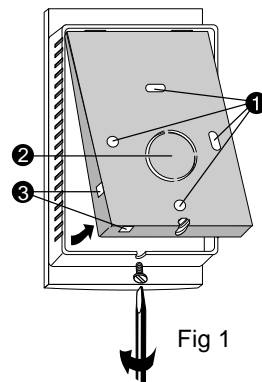
The unit can be installed anywhere in your home and enables the remote control of all heaters connected to the system from the central programmer.

3.2 Fixing

To wall-mount the unit, it is necessary to remove the base. To do this, remove the single screw from underneath the unit as shown in Fig.1.

Once separated from the unit, the base should be fixed to the wall using screws/plugs or to a connection box (60mm fixing centres) using the holes ❶ provided.

Recessed gaps are provided to let the connection wires through ❷ for the connection box, ❸ for surface mounting.



3.3 Connection

The electrical installation must be carried out by a competent electrician and be in strict accordance with the current IEE regulations for Electrical Equipment in Buildings.

Before doing anything, switch off the power supply.

Pull off the terminal block ❶ (Fig 2) from the pins on the board. Connect the two supply wires to the terminals and replace the block on the pins.

Position the unit on the base, first hooking the two recesses in the inside top over the hooks on the base, then swing the unit down into position. Ensure the wires are not trapped behind transformer ❸. Secure with the fixing screw as shown in Fig 1.

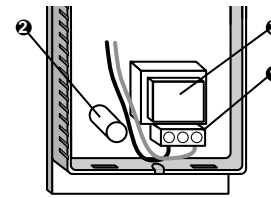


Fig 2

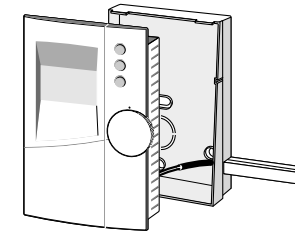
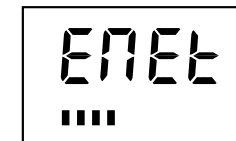
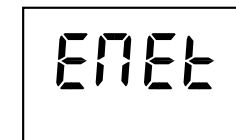
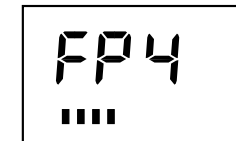


Fig 3

5. START-UP

This procedure sets up the communication between the programmer and the heaters in the system.

1. Go into the service mode by turning the switch to . The display will show "PA-A".
2. Press and hold down the + and - buttons together for approx. 5 seconds. The display will show FP4 and markings for zone 1. Press OK twice. If display shows FP6, press the + or - key to reset the display to FP4.
3. Press OK. The display will show "ENET". Press OK again.
4. Display shows "ENET" and markings next to zone 1. The code for zone 1 is now being transmitted.
5. Insert a receiver cassette into each heater, as per the cassette instructions. Ensure heater is set to the position.
6. On each heater for zone 1, press and hold down the button on the receiver cassette for approx. 10 seconds until the LED indicator starts to flash. Release the button, then press again to confirm; the LED will light continuously.
7. Press OK on the programmer and repeat steps 2-5 for all the heaters in zone 2.
8. Press OK when completed and before changing the switch position - see over.



Your product is guaranteed for one year from the date of purchase. We undertake to repair or exchange free of charge within the guarantee period any part found to be defective. Your rights under the guarantee are additional to your statutory rights, which in turn are unaffected by this guarantee. If the programmer is not working correctly, please contact our Customer Helpline on 0870 727 0101. This guarantee only applies in the United Kingdom.

Appliance conforms to the requirements of directives CEE 89/336 (Electromagnetic Compatibility) and CEE 73/23 modified (CEE 93/68 (Low tension safety)).

Customer Helpline
Tel: 0870 727 0101 8am-6pm Mon-Fri
8:30am-1pm Sat
Fax: 0870 727 0102
Republic of Ireland: 01 842 4833
Glen Dimplex UK Ltd
Millbrook House, Grange Drive
Hedge End, Southampton
SO30 2DF

Dimplex

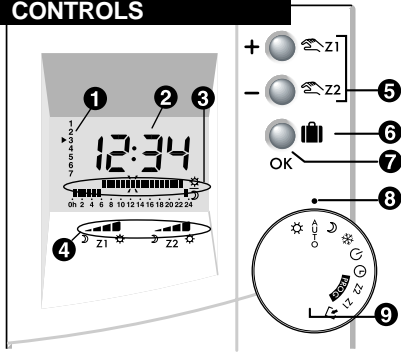
Installation and Operating Instructions

RX010007

Two-Zone Wall Mounted Programmer
– Mains Borne Signalling



6. CONTROLS



- 1 Day of the week
- 2 Time (24hr)
- 3 Current mode: ☀ Comfort ☾ Setback
Daily program profile (☀ Comfort, ☾ Setback)
- 4 Heating zones reference points
- 5 Modification/Override buttons
- 6 Timed absence function
- 7 Validation button (program mode)
- 8 Selector switch index mark
- 9 Mode selector switch

6.1 Heating programming

- One customisable program per day and per zone

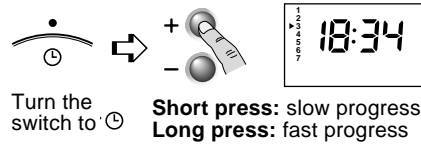
• Program override:

Possible to temporarily override a program (e.g. from Comfort to Setback), in either zone, until the next automatic program change.

• Absence:

All heaters in both zones can be set at frost protection temperature permanently, or for up to 99 days (e.g. while on holiday) after which the program is resumed automatically.

7. SETTING THE TIME



Each time you pass 0h00, the day will change to the next day
 Note: In the event of a power failure, the clock will continue to run for approx. 4 hours

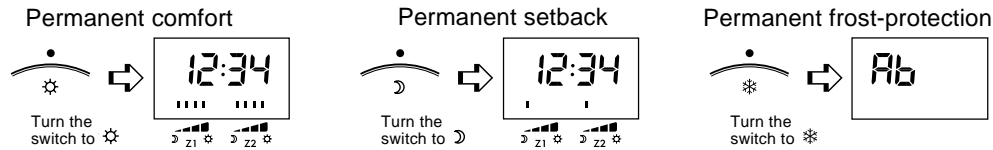
8. CHOICE OF FUNCTION MODE

The mains borne signalling system enables the function mode of the heaters connected to the system to be controlled from the central programmer.

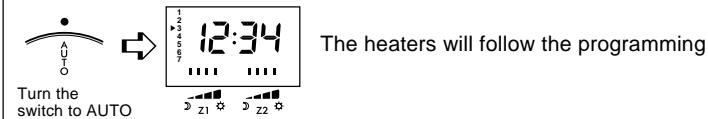
Room temperatures are controlled by the thermostats on the individual heaters.

Central control signal	Corresponding heater room temperature setting
Comfort ☀	Comfort setting (thermostat dial)
Setback ☾	Setback - adjustable on heater (according to model)
Frost-protect ❄ or 🛡	Temperature fixed at 5°C (according to model)
OFF ⏻	No heating

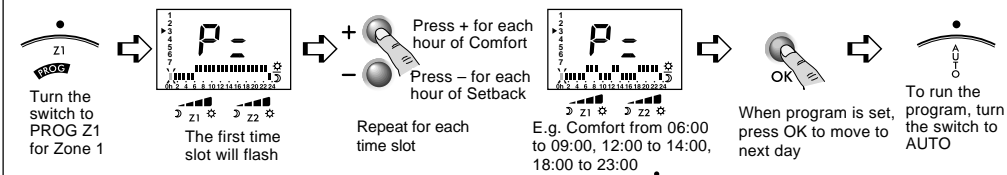
8.1 Permanent comfort, setback or frost-protection



8.2 Automatic mode



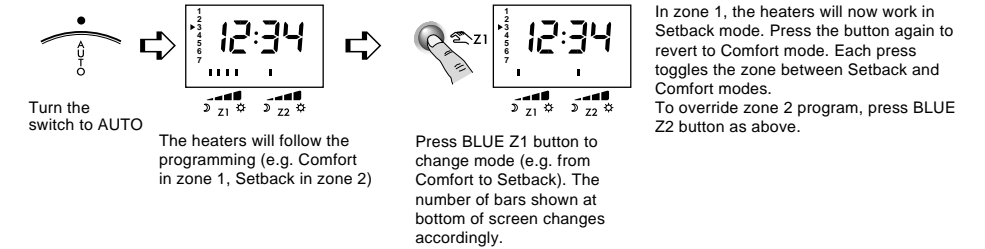
8.3 Setting the daily program



To alter the programming for zone 2, turn the switch to PROG Z2 and follow the steps above.

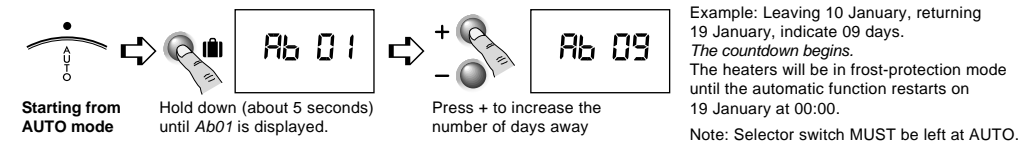
8.4 Overriding the daily program

The program for either zone can be temporarily overridden. The number of bars in the display denotes the current mode, ie ████ = Comfort and █ = Setback.

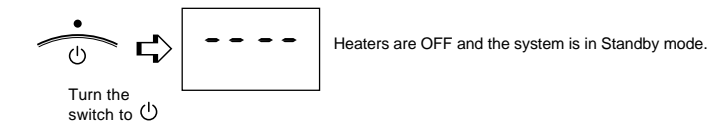


8.5 Holiday (Timed Absence) mode

Holiday mode operates all heaters in both zones at frost protection temperature for up to 99 days, after which the program is resumed automatically.



8.6 Stopping the heat



? Diagnostic / Solutions	
Nothing appears on the control panel screen	There is no power supply Check your circuit breaker
The programmer displays "PARA"	The switch is in position ⚡ Change the switch position to AUTO
A heater is not responding to the programmer	The receiver cassette is not functioning correctly Reprogram the receiver cassette - see 5. START -UP Replace the receiver cassette