

## Programme Choice

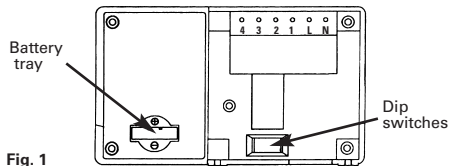
To enable you to select the programme most suitable for your needs we offer a choice of 3 programmes.

Daily; Which means the unit will come ON and go OFF at the same times each day.

Weekday/Weekend; Which means the unit can be altered for weekdays and weekends.

7 Day; Which means the unit can be set to come ON and go OFF differently on every or any day.

Please refer to the dipswitch positions on the following pages.



## Dipswitches

To change the dipswitch positions first switch off the mains supply and then remove the unit from its backplate by simply loosening the two screws and pulling towards you.

To select the dipswitch position for Daily Programming dipswitch 1 should be up and 2, 3 & 4 should be down.

To select the dipswitch position for Weekday/Weekend Programming dipswitches 1, 3 & 4 should be down and 2 should be up.

To select the dipswitch position for 7 Day Programming dipswitches 1, 2 & 4 should be down and 3 should be up.

Dipswitch 5 can be either up or down depending on your system type, down for gravity, up for fully pumped.

When you have completed the changes to the dipswitches, replace the unit onto its backplate and then refer to the booklet supplied with the unit that relates to the programme you have selected:-

Daily Programming.

Weekday/Weekend Programming.

7 Day Programming.

These booklets will help you to programme your programmer easily and quickly.

# Installation

Please take a little time to fully read these installation and user instructions so as to gain the most from your BUP2.

1. First remove the backplate from the BUP2 by undoing the two small screws at the base of the unit and lift out from the bottom so that the two lugs at the top disengage from their positions.
2. Prior to installing onto the backplate, insert the battery into the battery tray (see Fig. 1) and ensure that positive + and negative - are correctly installed. The battery is a non-rechargeable lithium cell and in the event of power failure will protect your programme instructions for up to 365 continuous days of power loss.
3. The BUP2 is factory set to provide 2 on/off switching periods per day and each day will be the same, i.e. daily operation. To select the other styles of switching you will have to alter the dip switches which are to be found at the bottom rear of the unit (see Fig. 1) into the relevant position for the style of operation you require.

**NB Press RESET after any dip switch change.**

#### 4. Your operating styles are:-

##### **DAILY**

To select the dipswitch position for Daily Programming dipswitch 1 should be up and 2, 3 & 4 should be down.



##### **5 DAY/2 DAY**

To select the dipswitch position for Weekday/Weekend Programming dipswitches 1, 3 & 4 should be down and 2 should be up.



##### **7 DAY**

To select the dipswitch position for 7 Day Programming dipswitches 1, 2 & 4 should be down and 3 should be up.



5. Once you have completed the above you are now ready to connect the BUP2 to the backplate, If the BUP2 is replacing another Landis & Gyr or Landis & Staefa product as listed below no wiring changes are required, RWB1, RWB2, RWB9, RWB20, RWB40, RWB200, RWB200cw, RWB252, RWB252cw, RWB270, RWBXP, Gloworm Mastermind, Potterton Miniminder, Sankey Sunline.

6. If the BUP2 is replacing another Landis & Gyr or Landis & Staefa product as listed below, these products are **NOT** suitable for replacement by the BUP2. Return the BUP2 to your stockist/installer and request the BUT2 which will fully interface with your old units backplate.

**with the exception of the RWB3** which will require a link inserted from L to 2 on the existing backplate RWB3, RWB7, RWB30, RWB50, RWB100, RWB152, RWB152cw, RWB170 and RWBXT.

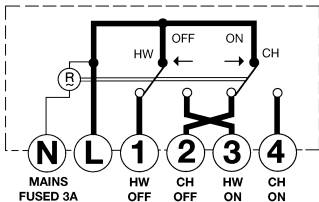
## 7. Mounting Location

To ensure convenience of use, the BUP2 should be fitted in a position which allows easy access. It is recommended that the unit is placed at a height of 1.4 metres from the floor, and should not be installed where either extremes of heat or cold exist. Care should also be taken to ensure that steam, water or oil cannot splash onto or enter either the BUP2 or its backplate.

## 8. Backplate

The BUP2 is supplied with the industry standard backplate to which the system must be wired. The backplate can be fitted directly to the wall or onto a conduit box. Only conduit boxes which comply with BS1363 or BS4662 (single gang) should be used.

## 9. BUP2 Internal Wiring Diagram



(For more information see enclosed separate wiring and interchange sheet.)

**NOTE:**

All external wiring must comply with current IEE regulations. Wiring of this unit should be carried out by a competent electrician. Whilst every effort is made to ensure accuracy of the instructions given, you will appreciate that discrepancies may occur due to a variety of reasons outside our control. If, after wiring your system, you find that it does not work properly you should:-

- Check that you have used the correct system and wired it correctly.
- Ensure no wiring links have been missed and all screws are tight.

**Technical Helpline:-**

**0870 850 0184 – Monday to Friday 9am - 5pm.**

**The mains supply must be isolated before replacing an existing Programmer, failure to do so could cause damage to the BUP2 and will invalidate all warranty claims.**

**NB:**

**This unit must not be used for control of immersion heaters.**

## 10. Fitting the Unit to the Backplate

Tilt the bottom of the case away from the wall, and locate the two slots in the top of the case over the two tabs at the top of the backplate. Push the bottom of the case towards the wall, slotting the two backplate screws into the bottom of the case, and tighten the screws. This enables the contacts in the unit to engage with those in the backplate.

### Technical Data BUP2

#### Preset Factory Settings

##### 2 on/off

##### 6.30am to 8.30am and 4.30pm to 10.30pm

Supply:	200/240V 50Hz
Power Consumption:	50mA
Contact rating:	6A (resistive) 2A (inductive)
Switching voltage:	240V
Ambient temperature range:	0 to 40°C
Environmental humidity:	80% RH
Housing:	Fire-retardant ABS material