

INSTALLATION INSTRUCTIONS

3 CHANNEL PROGRAMMER

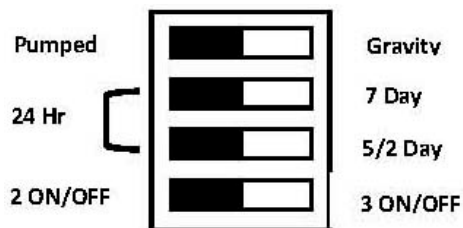
Technical Data

Power Supply:	230V AC, 50Hz
Ambient Temperature:	Operating 0°C to 35°C
Total Input:	6A
Switch Rating:	230V AC, 6(2)A
Battery Type:	Lithium CR2032
Battery Life:	Unlimited
Wiring:	For fixed wiring only
Maintenance:	No user maintenance required
Disconnection Class:	1B

This unit must be installed by a competent person in accordance with the latest appropriate Wiring Regulations.

Pre-Installation Set Up:

Before installing, set the bank of 4 DIP Switches on the back to configure the unit according to the chart below:



DIP Switches: Shown in Factory Default Positions.

PUMPED – allows independent control of CH and HW.

GRAVITY – does not allow CH 1 without HW and CH 2 but can provide CH 2 or HW without CH 1.

24 Hr – runs same programme every day.

5/2 Day – allows different on/off times at weekend.

7 day – allows different on/off times every day.

Installation

Be sure to switch off the mains supply before starting. Please read all installation instructions before proceeding.

Ensure that the fixed wiring connections to the mains supply is via a fuse rated at not more than 6 amps and a class 'A' switch having a contact separation of a minimum of 3mm in all poles

DIRECT UPGRADE FOR EXISTING PROGRAMMERS

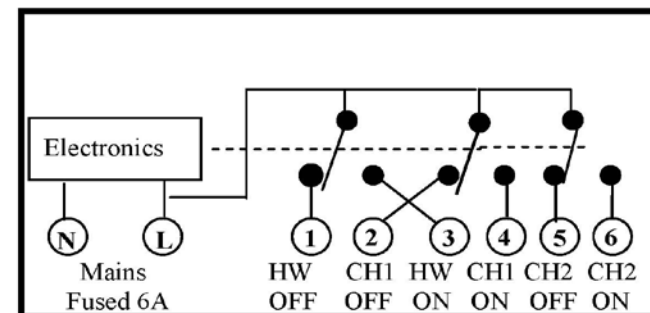
1. Switch off all mains. Loosen 2 securing screws on old programmer and unplug it.
2. Check existing wall-plate has been correctly fitted. (See section, Fitting wall plate)
3. Plug the programmer into wall-plate and re-tighten screws. Switch on at mains.
4. Set timing and programme as detailed in user guide.

Fitting Wall-Plate

1. Position the wall-plate (terminals along top edge) with 60mm (min) clearance to its right, 25mm (min) above, 90mm (min) below. Ensure that the supporting surface will fully cover the back of the programmer.
2. The ideal location would be 1.4M above floor level, easily accessible, reasonably lit and free from condensation or temperature extremes.
3. Fix the wall-plate to a flush mounting single conduit box type UA1 (BS4662) using M3.5 x 14 bolts. If flush mounting take care to ensure the opening is adequate and will allow mounting of the unit onto the base plate. Also, the use of glue, mastic, or other sealants should not be required to secure the unit to the wall if the correct fitting instructions are followed.
4. Ensure that the wiring to the wall-plate terminals leads directly away from the terminals and is completely enclosed within the wall-plate aperture. Wire ends must be stripped and screwed to the terminals so that minimal bare wire is showing.

5. If the unit is fitted to a metal surface, IT IS ESSENTIAL that the metal be earthed. DO NOT use a surface mounting box.
6. Ensure the mains supply is switched off then make wiring connections. No earth connection is required but ensure continuity of earth throughout system. After wiring, plug unit into wall-plate and tighten the securing screws. Switch on at mains.
7. Set timing and programme as detailed in user guide.
8. NEVER fit or remove the unit to a live wall-plate.

Programmer Internal Wiring Diagram



This product complies with the essential requirements of the following EC Directives:

**Electro-Magnetic Compatibility Directive
2004/108/EC**

**and
Low Voltage Directive 2006/95/EC**

In the interests of continuous product improvement we reserve the right to alter designs, specifications and materials without prior notice and cannot accept liability for errors