

Powersaver PSW 'Weekly' Timer



Benefits

The Powersaver Weekly is a simple to use, multi application time switch. Although primarily used for the control of water heating, the PSW can also be used for a multitude of applications including the control of panel heaters, security lighting or combi boilers.

An electronic 5 day/2 day controller with the advantages of the Daily model in addition to 3 alternative operations on SAT/SUN.

One of the main benefits of the Powersaver Weekly product is its standard size. This is common to all models, which fit directly onto a single gang patress box. This allows installation or upgrading from one model to another, quick and simple.

The Powersaver family saves on fuel expenditure and energy wastage by automatically switching off when the user may forget.

Features

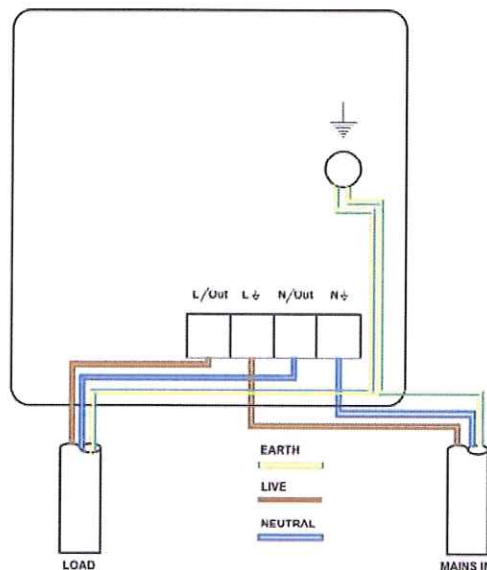
- 5/2 day electronic timer
- Up to 3 program operations per day
- 30 mins, 1 hour and 2 hour boost function
- Fits directly onto a single gang patress box

Technical Data

Contact Rating:	16A Resistive 240V a.c.
Supply:	230V 50/60 Hz a.c.
Fixing:	Single Patress - Surface and Flush Mounting
Resolution of Programs:	10 Minutes
Power Consumption:	10VA Maximum
Live Parts Protection:	This unit is totally protected by the enclosure
Dirt and Moisture Protection:	IP00
Shock Protection:	Class 1 (this unit must be connected to earth)
Case Material:	Polycarbonate
Type of Action:	Type 1B
Temperature Rating:	T35
Operation Temperature:	0°C to 35°C
Memory Reserve:	4 Hours - when on power for previous 12 hours
Display:	LCD
Program Settings:	Max 3 On/Off operations repeating Mon-Fri and Max 3 alternative On/Off operations Sat & Sun
Boost Settings:	User selectable - 1/2, 1 or 2 hours
Control Pollution Category:	Normal

Electrical Connections

Internal Wiring Diagram



Contact Us: 01475 745131

CUSTOMER CARE POLICY

As part of Sangamo's continuous improvement program, the Company operates a Customer Care Policy. This means that we welcome your comments and complaints, as it can only help us to improve our services to you, our customer.

SANGAMO

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24 Hour Timer

IMPORTANT: THESE INSTRUCTIONS SHOULD BE READ CAREFULLY AND RETAINED FOR FUTURE REFERENCE

Installation

Switch the heater off and remove the plug-in protective cover from the right hand side of the thermostat unit at the back of the heater. Remove the 24-hour plug in timer from its box and plug it into the slide in compartment now exposed. Switch the heater on at the mains supply.

Mode Selection

There are three different operating modes. Press **MODE** to cycle through these:

MAN OFF - heating is permanently Off – see Fig. 1.

This is also the default screen.

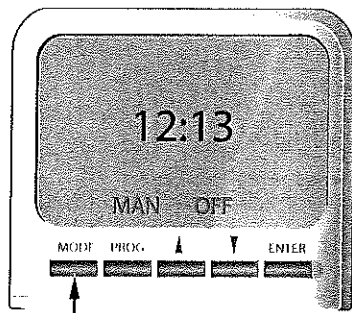


Fig. 1

MAN ON - heating is permanently On - see Fig. 2.

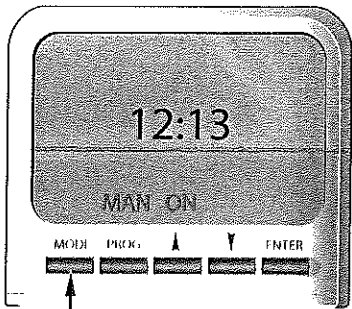


Fig. 2

AUTO - runs the programmed times - see Fig. 3.

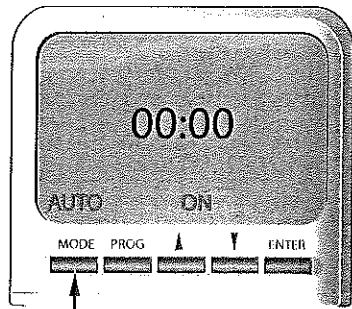



Fig. 3

Set Time

Press the **PROG** key once to set time. The  appears on the screen (see Fig. 4) and the hours can be set using the **▲▼** keys. Press **ENTER** when finished setting the hours. Set minutes using the **▲▼** keys and press **ENTER**.

Time is now set.

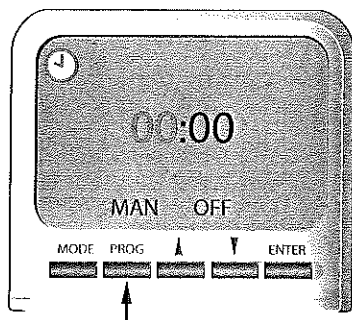


Fig. 4

Set Program

A maximum of four program periods can be set as follows;

Press **PROG** twice (see Fig. 5). The program settings can now be entered (starting with **P1 ON**, where **P1 ON** is the first ON time setting).

a) set **P1 ON** time:

Set the hours using **▲▼** and press **ENTER**. Then set the minutes using **▲▼** and press **ENTER**.

NOTE: Time is set in 10 minute blocks.

Then set **P1 OFF** time:

Set the hours using **▲▼** and press **ENTER**.

Then set the minutes using **▲▼** and press **ENTER**. If only one program is required, press **PROG** now to return to default display **OR**

b) set **P2 ON** and OFF times: repeat procedure as 'a)' above.

c) set **P3 ON** and OFF times: repeat procedure as 'a)' above.

d) set **P4 ON** and OFF times: repeat procedure as 'a)' above.

After programming **P4** the default screen is automatically displayed. To leave program settings unchanged press **ENTER** continually. At any time during programming, pressing **PROG** will exit to the default display.

Timer must be in **AUTO** mode to run Set Programs.

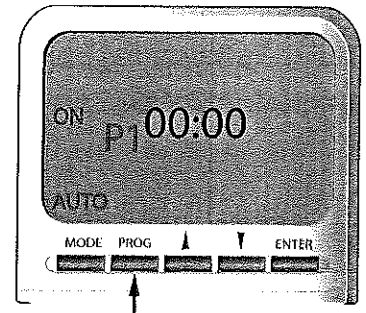



Fig. 5

Key Lock

To lock the keypad press **ENTER** and release, then press **MODE** within 1 second (see Fig. 6). The key symbol  will appear on the screen when the keypad is locked.

To unlock the keypad repeat the action above. If any of the buttons on the keypad are pressed when it is locked, the light will automatically come on.

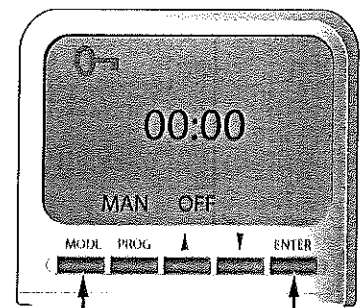


Fig. 6

The Advance Function

When in **AUTO** mode, if **▲** is pressed for longer than 2 seconds the program will advance to the next programmed setting. When the **ADVANCE** function is active **ADVANCE** will be displayed on the screen (see Fig. 7).

To cancel advance press **▼** for longer than 2 seconds e.g. If present time is 14:00 and **P1 ON** is at 17:00 and **P1 OFF** is 19:00, if **▲** is held for 2 seconds then **ADVANCE** appears on the screen. The heater comes on and remains on until 19:00. **ADVANCE** disappears from the screen at 17:00 as set program is then running.

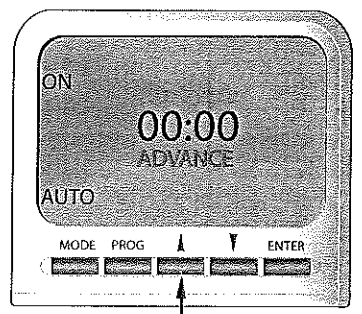


Fig. 7