

478-544

Please keep these instructions carefully.



Ideas in Action



## 24 Hour Slimline Digital Time Controller

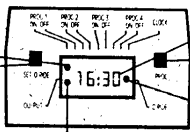
### FEATURES

- Slimline plug-in control
- 4 ON/OFF switching programmes per day
- Mains operated with integral battery power allowing programming out of mains socket. Battery supplied.

- Easy view 24 hr digital clock/timer display.
- Shortest switching time of 1 minute.
- Easily programmable with only 2 setting keys
- Programme review
- Self cancelling override for instant ON/OFF switching.

Programme status symbol. Indicates ON/OFF programme selected and/or in operation.

Set/Override button used to set the hr & minutes times on the 4 ON/OFF programmes and actual clock time. Also overrides the current programme in operation switching the unit ON or OFF.



Output status symbol indicates operating condition. Dot = ON No dot = OFF

24 hr digital clock/timer display

Programme button used to select and programme 1 to 4 ON/OFF times and clock and to review them once set.

Override status symbol shows override selected.

### Operating Instructions

#### Battery

This product has a battery back-up to ensure that the display will operate out of the mains socket or during a power cut. The 1.5v SR55 button cell battery is supplied in the pack and should be inserted into the battery holder located on the back of the unit.

Lift the battery holder with thumb nail and slide out. Insert the battery positive side up. Push holder back into position. Display will fill with its complete range of characters and then clear to show 00:00 with colon flashing. If the display does not clear to show 00:00 refer to reset instructions below. If after a long period of use the display becomes faint or blank a new battery is needed.



The time controller is now ready for programming.

#### Programming

Only two setting buttons are provided. <Set/O'ride> and <Prog>. The <Set/O'ride> button is used to set the hour and minute times for the 4 ON/OFF programmes and for the actual clock time. It is also used to override the current programme in operation switching the time controller ON or OFF. NOTE: Holding this button down achieves rapid selection of the hr and minute times.

The <Prog> button is used to select the 4 ON/OFF programmes and clock time and to review them once set. When pressed a black dot symbol will appear on the display indicating what ON/OFF programme/clock time has been selected or in operation.

**Operating Condition** - In normal operation the time controller will display the correct time of day (colon flashing ON) with the programme in operation (1-4) ON/OFF black dot symbol showing and the output status dot symbol if ON. ON OFF No dot if OFF e.g.



NOTE: Pauses of greater than 1 minute during programming will result in automatic return to the clock display.

**Reset** - To clear programmes from memory and reset the time controller press and hold down both setting buttons for a few seconds until the display goes blank. Release buttons and display will fill with its complete range of characters and then clear to show 00:00 with colon flashing.

#### To Set Programme ON/OFF Times

- i. Press <Prog> button - display shows with ON Prog dot symbol and hr digits flashing. Prog 1 ON OFF
- ii. Press <Set/O'ride> button - display shows with ON Prog dot symbol and 00 hr digits flashing. Prog 1 ON OFF
- iii. Press <Set/O'ride> button to set the ON hour times required. e.g. display shows with ON Prog dot symbol and 16 hr digits flashing. Prog 1 ON OFF
- iv. Press <Prog> button - e.g. display shows with ON Prog dot symbol and 00 minute digits flashing. Prog 1 ON OFF
- v. Press <Set/O'ride> button to set the ON minute times required e.g. display shows with ON Prog dot and 30 minute digits flashing. Prog 1 ON OFF

- vi. Press <Prog> button and time controller is now ready to accept the programme 1 OFF hour time. Display will show Prog 1 ON OFF. With OFF Prog dot symbol and hr digits flashing.

- vii. To set programme 1 OFF times simply repeat the sequence as shown from iii above. The display sequence will be the same but with the programme 1 OFF dot symbol flashing.

- viii. Repeat the same sequence for programmes 2, 3 and 4 ON/OFF times. You do not have to set all the programmes available to you.

#### Setting the Clock

- i. On completing the ON/OFF programming press the <Prog> button until the clock flashing dot symbol shows e.g. display shows with clock dot symbol and hr digits flashing. NOTE: the minute digit will probably show a number e.g. 00:04 as clock starts operating as soon as battery is inserted.

- ii. Press <Set/O'ride> button to set the hour time. with clock dot symbol and minute digits flashing.

- iii. Press <Prog> button e.g. display shows with clock dot symbol and minute digits flashing. with clock dot symbol and hr digits flashing. NOTE: the minute digit will probably show a number e.g. 00:04 as clock starts operating as soon as battery is inserted.

- iv. Press <Set/O'ride> button to set the minute time.

- v. Finally press <Prog> button to return the time controller to its operating condition with the display showing the correct time of day e.g. 16:30 with colon flashing. NOTE: The output status and ON/OFF programme dot symbols will not show until the next ON or OFF programme is activated.

**IMPORTANT:** Once you have completed setting the ON/OFF programmes/clock you must always return the time controller to its operating condition.

#### Reviewing The Programmes

Repeated pressing of the <Prog> button will display each ON/OFF programme time, clock time or unused settings in sequence.

#### Cancelling Programmes

Press the <Prog> button until the programme dot symbol flashes above the programme ON or OFF time you wish to cancel. Press the <Prog> button again and the already set hr digits will flash. Using the <Set/O'ride> button reduce the hr time set to -- digits. Now press the <Prog> button and the minute time will automatically cancel. Remember to return the time controller back to its operating condition.

#### Self Cancelling Override

To override the programme in operation switching the appliance ON or OFF simply press the <Set/O'ride> button - the display override dot symbol will show. NOTE: The output status dot symbol will also show if switched from an OFF programme to ON. The override will self cancel at the next ON or OFF programme.

#### Specification

Operating Temp: 0°C to 35°C.  
Battery: 1 x SR55 1.5v button cell (supplied with a shelf life of 4 years - operational typically 1 year). Type Duracell D391 or equivalent

Switch Rating: 13 amp resistive (3kw).

2 amp inductive.  
Switch Voltage: 240V AC.

#### IMPORTANT

This time controller is recommended for general domestic appliances up to 13 amp resistive (3kw) or 2 amp inductive rating.

**Helpline** In the event of a problem, please ring our Technical Service Department on 081-450 8944.

### 12 Month Guarantee

We shall repair or at our option replace this product if it becomes defective within 12 months of the date of purchase, provided that you return it to us with proof of purchase. A product becomes defective where it fails due to a fault in the material or workmanship, but not where the failure is caused by an accident, misuse or neglect. This guarantee does not affect your rights under statute or common law.

For a products brochure please contact

**Smiths Industries Environmental Controls Co., Ltd.,**

Apsley Way, London NW2 7UR.

Designed and Manufactured in the U.K.

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