ARLEC

Digital Clockface Electronic Time Switch
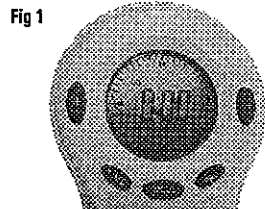
PC888

Operating Instructions

Introduction

This Time Switch has replaceable battery backup so that programs and time setting are not lost in the event of power failure or unplugging the timer and moving to another power point.

Initial Set Up

Remove the clear plastic protective film covering the circular clockface.

Remove the red plastic sheet protruding from the top of the timer. (This enables the batteries to operate the internal circuitry of the timer).

The display of the time switch will momentarily flash all segments on, to indicate reset condition, then the display will appear as in Fig. 1. (The colon between the hour and minute digits will not be flashing at this point).
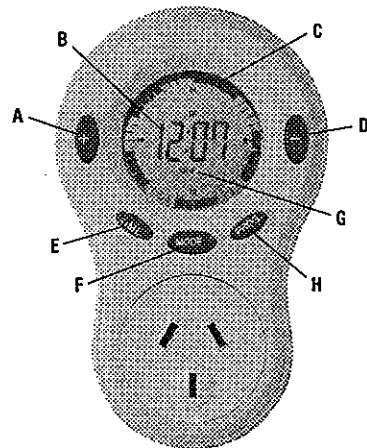
Fig 1

READ INSTRUCTIONS CAREFULLY BEFORE INITIAL USE.
Keep in a convenient place for future reference.

1

Overview of Display and Button Functions

A **+ Button** – Moves time up when setting.
B **Central Digital Clock Display** – Shows current time normally or program cursor time when programming.
C **Program Display** – Segments around the circumference of the display show the program for the current day. Darkened segments indicate the 'ON' periods.
D **– Button** – Moves time down when setting.
E **TIME Button** – Used to select time setting of current time, or return to time display after programming.
F **MODE Button** – Selects ON/OFF or AUTO modes in normal operation, and ON/OFF for programming.
G **Mode Status Display** – Shows mode ON/OFF/AUTO as selected by the MODE button
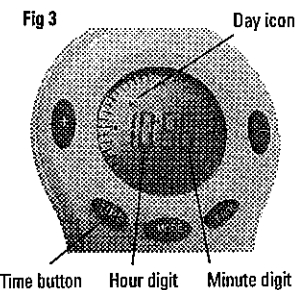H **PROG Button** – Used to select timer programs.

Fig 2

2

How to Set Present Time and Day

Press and hold the TIME button until the day icon flashes (then release TIME button). Use the + or – buttons to select the current day.

Press and hold the TIME button until the hour digit flashes (then release TIME button). Use the + or – buttons to select current hour (24 hour clock).

Press and hold the TIME button until the minute digit flashes (then release TIME button). Use the + or – buttons to select current minute.

Press and hold the TIME button until the TIME icon disappears (then release TIME button). The centre colon flashes - this indicates time has been set.

Example (Fig 3) shows present time of 10:56 AM on Monday.

Fig 3   Day icon

Time button   Hour digit   Minute digit

Programming

Programs are set by first selecting the day of the week, or day grouping.

Selecting Program Group

Press and hold the PROG button until the cursor begins flashing at the "24" (midnight) position (then release PROG button). Then by pressing the PROG button, cycle through the days of the week and groups of days. There are four modes of grouping available:

1. Each day separately MO TU WE TH FR SA SU.
   MO   Will only operate MONDAY
   TU   Will only operate TUESDAY
   WE   Will only operate WEDNESDAY
   TH   Will only operate THURSDAY
   FR   Will only operate FRIDAY
   SA   Will only operate SATURDAY
   SU   Will only operate SUNDAY.

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2. Monday to Friday grouping MO TU WE TH FR.
   Same program will operate from Monday to Friday only.

3. Weekend grouping SA SU.
   Same program will operate Saturday and Sunday only.

4. Weekly grouping MO TU WE TH FR SA SU.
   Same program will operate everyday.
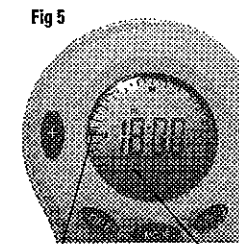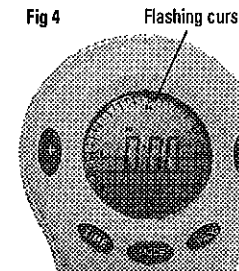
Setting Program

Press and hold the PROG button until the cursor begins flashing at the "24" (midnight) position (then release PROG button).

Press PROG button to advance to the day or day group you wish to program - refer SELECTING PROGRAM GROUP. Press + to advance the flashing cursor to the desired 'ON' time. Press MODE until the display shows 'ON'.

Example (Fig 5) shows 'ON' at 18:00 hrs (6:00PM) Tuesday only.

Using + button, move the cursor to select the period for the appliance to be ON. This period of ON time will be highlighted in black at the edge of the display.

Note: The clock display in the program mode will show the time of day corresponding to the position of the flashing cursor. Press MODE until 'OFF' is displayed. Then advance the cursor through to the period for the appliance to be OFF.

Fig 4   Flashing cursor

Fig 5

Flashing cursor   On indicator

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Example (Fig 6) shows 'ON' at 18:00 hrs (6:00PM) and 'OFF' at 23:00 hrs (11:00PM) on Tuesday only.

Fig 6   ON period of timer

Pressing MODE and + or – buttons will allow multiple selections of ON and OFF periods.

To confirm setting and advance to next program press PROG and follow above instructions.

To confirm setting and advance to clock mode momentarily press TIME button.

Example (Fig 7) shows a confirmed setting of ON at 13:00, OFF at 13:30, ON at 14:00, OFF at 14:30, ON at 15:00, OFF at 15:30 on Thursday only.

Fig 7

Changing a Program

Programs are changed by re-programming the timer.

Press and hold PROG to enter the programming mode. Press PROG to select the desired day or day group (refer SELECTING PROGRAM GROUP section). Advance the cursor around the edge of the display using + or – and select between 'ON' and 'OFF' periods using the MODE button.

Fig 8

To erase the 1st example program shown (ON 18:00 to 23:00). Move cursor to 17:30 position (Fig 8). Press MODE button until OFF is displayed. Then advance cursor to 23:30 position (Fig 9) until black highlighted section disappears.
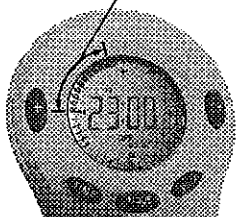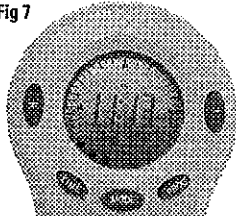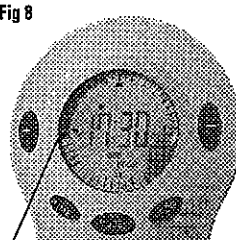
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It is possible to enter a program for a single day, and another program for multiple days. The Time Switch will overlap the two programs for any coincident day and operate for the ON period indicated by both programs.

Fig 9   Flashing cursor

Viewing Programs

Press and hold TIME button.

Use + or – buttons to view all ON and OFF periods for any day of the week. Wait 15 seconds (after pressing buttons) and timer will automatically return to clock mode.

IMPORTANT: Do not press the TIME button during this 15 second period as this will cause the timer to enter clock setting mode (clock will be reset).

Overriding the Program

During normal use there may be periods when the programmed ON and OFF times are not desired. The override function can be used in these circumstances.

When the timer is in clock mode, press MODE to select ON, OFF or AUTO.

When ON is selected the outlet will remain on and all programs will remain ON.

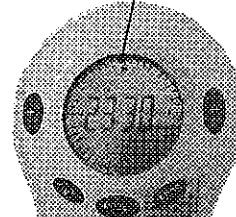When OFF is selected the outlet will remain off and all programs will not run.

When AUTO is selected the outlet will cycle as programmed.

Random Mode

The random mode turns ON and OFF randomly within 0 to 30 minutes of the programmed ON/OFF time settings. Press TIME and PROG buttons simultaneously to set timer to Random Mode. The display will show "RANDOM" above the time. To remove Random Mode press TIME and PROG buttons again.

This security feature is designed to deter would-be burglars trying to

Flashing cursor

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determine a set activity pattern in your home, as would be the case if the lamps turned ON and OFF at the same time every day. It is particularly useful during vacations and other times when the house is vacant.

Resetting the Timer

Press MODE and PROG buttons simultaneously to reset the unit and clear all programs. Alternatively, open the battery compartment for 30 seconds or so, then close again. All programs and time will be reset to zero..

To Change Batteries

The two button cell type batteries can be replaced by sliding the battery compartment upward, turning the timer face down with an open hand beneath, allowing the batteries to fall into your hand.

When replacing, ensure the polarity of the batteries aligns with the markings on the battery
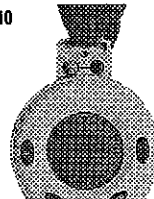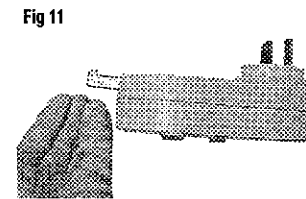
Fig 10   **Fig 11**

compartment i.e. + facing upward on left hand side and – facing upward on right hand side.

Replace batteries only with same type, Silver Oxide button cell type G3, S13, 392 or SR41W.

User Hints

- The timer can be programmed held in the hand without need for being plugged into the mains.
- To operate, ensure that the appliance plugged into the time switch is switched on.
- The timer is not waterproof, use indoors only.

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- Do not expose the timer to extremes of temperature or strong direct sunlight.
- In the normal time display, the programmed on time for the current day is shown as the darkened segments around the circumference of the face.
- To operate the timer according to the program, use the "MODE" button to set the mode status display to show "AUTO".
  When the mode status display shows "ON" the output of the timer is on irrespective of the program.
  When the mode status display shows "OFF" the output of the timer is off irrespective of the program.

Arlec Guarantee*

Arlec guarantees this product against defects of materials and workmanship for a period of 12 months from the date of purchase provided that the product is used in accordance with Arlec's recommendations and within such voltage and current limits as are specified by Arlec in relation to the product. Arlec will at its own option make good, replace with the same or similar product, or provide credit for any product manufactured or supplied by it, which proves to be defective within the limits set out above provided that no repairs, alterations or modifications to the product have been undertaken or attempted, other than by the company or its authorised agents. Should the purchaser wish to make a claim under the guarantee, the product should be returned pre-paid to the place of purchase. This guarantee is in addition to and does not take away from any rights available to the consumer under the Trade Practices Act and the State consumer protection legislation.

Proof of Purchase

Please retain your purchase receipt for all warranty claims.

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For all Sales and Service enquiries
Phone (03) 9727 8860 Fax 1300 350 650

* Excludes batteries.

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