ARLEC

Compact Digital Time Switch

PC697

Operating Instructions

Introduction

The PC697 Time Switch has a built in, rechargeable battery. If a power failure occurs or the unit is removed from the mains outlet, the rechargeable battery will power the time switch avoiding the loss of any preset programs. NOTE: The rechargeable battery is a non replaceable type. the battery will not provide power to any appliance during a power failure.

Initial Set-up

1) Plug the timer into a mains outlet and switch on.

2) All segments of the display should flash on momentarily if the screen was blank prior to power up.

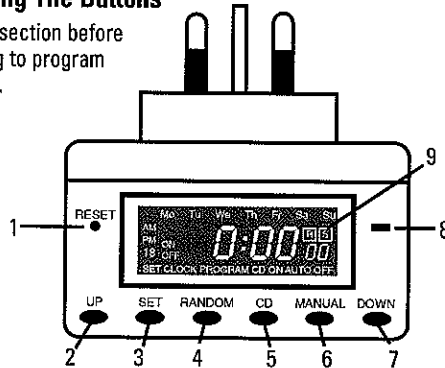NOTE: If screen remains blank after connection to mains supply, leave unit for approx 14 hours to fully charge the battery before operation.

3) If unit was already operational before connection to mains outlet, reset unit by pressing small "RESET" button using a paperclip or pen. The display segments should all illuminate and the unit will reset to *0:00*

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

Explaining The Buttons

Read this section before attempting to program your timer.

1)"RESET" Button
Clears all data in memory and resets the unit

2)"UP" Button
Moves time up or moves screen up through programs when setting

3)"SET" Button
Sets current time, programs and countdown timer

4)"RANDOM" Button
Selects random mode

5)"CD" Button
Set or cancel countdown function

6)"MANUAL" Button
Shows mode "OFF - ON - AUTO" as selected by pressing the manual button

7)"Down" Button
Moves time or program down when setting

8)"LED Indicator"
Indicates if unit is "ON" or "OFF" when connected to mains power
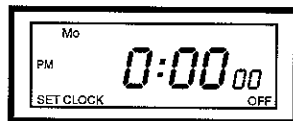
9)"LCD Display"
Shows current time normally, program and function when programming

To Set Present Time and Day

NOTE: The clock automatically operates in 24 hour mode. to change between 12 and 24 hour modes, hold "SET" and "CD" buttons together.

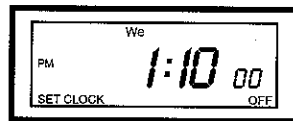The example diagrams are set out in 12 hour mode.

Example: To set day to Wednesday at 1.10pm

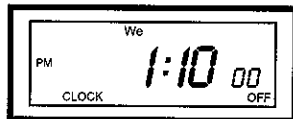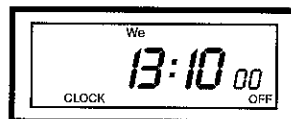|	
Mo PM `0:00` 00 SET CLOCK · · · OFF	Press the set button "SET" and the "Day of the week" display will flash. Set correct day of the week by using "UP" or "DOWN" buttons. press "SET" button to store selection.
We PM `1:00` 00 SET CLOCK · · · OFF	The hours digits on the clock display will now flash. Select the hour using the "UP" and "DOWN" buttons. Press the "SET" button to store selection.
We PM `1:10` 00 SET CLOCK · · · OFF	The minute digits will now flash. Select the minutes using the "UP" and "DOWN" buttons. Press the "SET" button to store selection. The current day and time is now set.

NOTE: To reset or change time, repeat steps listed above

We PM `1:10` 00 CLOCK · · · OFF	**We** `13:10` 00 CLOCK · · · OFF
Clock appearance if set as 12 hour clock.	Clock appearance if set as 24 hour clock.

3

To Program Timer

By pressing the "UP" button you can scroll through all the timer setting displays and the countdown function display. There are a total of 20 timer settings displayed 10 "ON" and 10 "OFF" settings.

This diagram will help to explain how to set the timer function.

Press the "UP" button, the display should appear as above.
NOTE: One of the "ON - OFF - AUTO" settings will also appear at the lower right of the display.

Press the "SET" button, "MO" and "SET" will flash on the LCD display, select the day/s required by scrolling with the "UP" button.

Pressing the "SET" button again will start the "HOUR" digit to flash, select the hour required by using the "UP" or "DOWN" buttons, press "SET". Repeat this step to set the minute setting.

Press the "SET" button to complete the timer "ON" programming. The display should look similar to the diagram opposite.
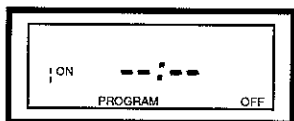
Press the "UP" button once the minutes have been set, the display will now scroll through to the "OFF" setting display. Repeat the steps as per the "ON" setting to set the "OFF" day and time. To program more timer settings, press "UP" and follow the previous step.

4

Mo		
PM	$6:00_{30}$	
CLOCK		AUTO

Use the "MANUAL" button to set the timer to "AUTO" mode when back in the clock display mode.

NOTE: Time display shown is in 12 hour time display, default display is 24 hour time. Use the "SET" and "CD" buttons together to alternate between 24 and 12 hour time display.

To Disable Timer Programs

ON	-- : --	
	PROGRAM	OFF

Timer programs may be disabled/enabled by pressing the "MANUAL" button whilst the relevant timer program is displayed. The display should look similar to this when disabled.

If re-enabled by pressing the "MANUAL button the timer display will revert back to the original day and time program.

Preset Day Setting

The timer has been programmed with several day/week groupings. When programming the day of the week, this function can be used, follow the steps below.

When the day of the week is flashing in program mode, press the "UP" button to select one of the following scenarios.

Press "SET" to select day/s. When selected the timer will switch "ON" on at the time on the day/s shown in the display.

Scenarios available:

1) *MO TU WE TH FR SA SU*
   Select one of the seven week days by pressing the "UP" button repeatedly (6 presses).
2) *MO - SU*
   Select from Monday through to Sunday (7th press).
3) *MO - FR*
   Select from Monday to Friday (8th press).
4) *SA - SU*
   Select Saturday and Sunday (9th press).

5

5) *MO - SA*
   Select from Monday to Saturday (10th press).
6) *MO - WE - FR*
   Select Monday, Wednesday and Friday (11th press).
7) *TU - TH - SA*
   Select Tuesday, Thursday and Saturday (12th press).
8) *MO - TU- WE*
   Select Monday, Tuesday and Wednesday (13th press).
9) *TH - FR - SA*
   Select Thursday, Friday and Saturday (14th press).
10) *MO - WE - FR - SU*
   Select Monday, Wednesday, Friday and Sunday (15th press).
The timer "OFF" position can be set to any day or group of days also.
Example:

To set a lamp to switch on and off in the morning from Monday to Friday

Program 1	First setting	MO FR	6.00am	Switch ON
	Second setting	MO FR	7.00am	Switch OFF

To set the lamp to switch on and off overnight from Mon to Fri

Program 2	First setting	MO WE FR	7.00pm	Switch ON
	Second setting	TU TH SA	2.00am	Switch OFF

Although the timer has 10 "ON" and "OFF" settings you do not have to use all the settings.
Example:

You may choose only four switch settings

Program 1	First setting	1 ON WE	3.00pm	Switch ON
	Second setting	1 OFF TH	11.00pm	Switch OFF

Program 2	Third setting	2 ON SA	12.00am	Switch ON
	Fourth setting	2 OFF SU	2.00pm	Switch OFF

6

Daylight Savings

The Compact Digital Time Switch incorporates a daylight savings advance function. When activated this automatically advances the clock forward an hour.

To activate: Press "MANUAL" and "SET" buttons simultaneously. An S symbol will appear on the screen and the clock time will advance.

Simply repeat procedure to cancel.

Manual Operation

The Compact Digital Time Switch can be used as a manual switch if desired. To turn power on to a device connected to the time switch, simply press the "MANUAL" button until the "Manual Status Display" shows "ON". To turn off and prevent timer operation toggle the "MANUAL" button so that display shows "OFF". If the timer is set to "ON" and then switched across to "AUTO" by pressing the "MANUAL" button, the appliance will continue to remain "ON". The timer will switch "OFF" the appliance at the next programmed "OFF" time. If no "OFF" time is set then the timer will continue to stay "ON". This is also true in the "OFF" to "AUTO" position, the timer will stay "OFF" until the next set "ON" time is reached.

Random Operation

Your Compact Digital Time Switch incorporates a random mode function. When random mode is selected, all preset programs will operate randomly between the hours of 6pm - 6am (the timer will operate as per normal outside these hours). The random function will place varying times of between 10 - 30 min on the preset programs to derive the random turn on times. To operate press "RANDOM" button during normal clock operation.

7

Count Down Timer

The Compact Digital Time Switch also incorporates a countdown timer function. This is where the timer counts down from a preset time to zero and then switches an appliance on or off.

NOTE: The timer automatically resets to the present time after the countdown has completed but will not recommence until the "CD" button is pressed again

To set the countdown timer for 1 hour 30 minutes and 30 seconds. From the "CLOCK" screen press the "DOWN" button. The "CD" screen should appear on the display as shown
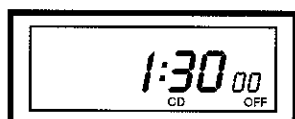
To set the countdown timer, press the "SET" button. "SET" and the Manual Status Display will flash. In this example the Manual Status Display is "OFF".

Use the "UP" and "DOWN" buttons to select the mode in which the countdown timer will commence operating in. For example. For the timer to be off and then switch on when the countdown runs out, switch the Manual Status Display to "OFF". Once selected press the "SET" button.

The hours digits will begin to flash. Use the "UP" and "DOWN" buttons to program the desired hours. Press the "SET" button to store selection.

8

The minutes digits will begin to flash. Set the desired minutes using the "UP" and "DOWN" buttons, push "SET" to store selection.

1:30 00
CD   OFF

The seconds digits will now flash. Set the desired seconds using the "UP" and "DOWN" buttons and once again press "SET" to confirm. The display should now show the programmed countdown time.

1:30 30
CD   OFF

To activate countdown timing, simply press the "CD" button from either the Count Down display or Clock display. The "CD" icon on the display will begin to flash indicating that the countdown timer is functioning.

NOTE: If the "CD" button is pressed whilst the Count Down (CD) screen is displayed, the digital countdown will be displayed.

User Hints

By holding the "UP" or "DOWN" buttons continuously whilst programming, the digits will scroll automatically, release button when required digit is reached.

The timer can be programmed whilst held in the hand without any need for being connected to mains power.

To operate always ensure that the appliance to be operated from time switch is switched on.

Time switch is not waterproof - for indoor use only.

Do not expose the timer to temperature extremes or strong direct sunlight.

Only clean unit with a damp rag. Do not use solvents or detergent.

Arlec Guarantee*

Arlec guarantees this product against defects of materials and workman-
ship 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 avail-
able to the consumer under the Trade Practices Act and the State con-
sumer protection legislation.

Proof of Purchase

Please retain your purchase receipt for all warranty claims.

ARLEC

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

© This instruction leaflet is subject to copyright and must not be reproduced,
copied or otherwise used in any way or for any purpose without the consent
in writing of the owner, Arlec Australia limited (A.C.N. 003 118 787).

* Excludes batteries.

CPIN626