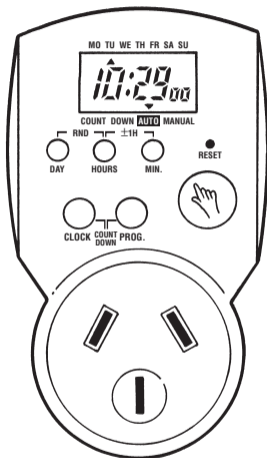


# KAMBROOK



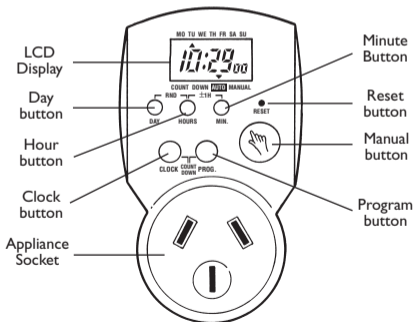
## Electronic Timer



Before using your timer, please read the following instructions carefully. This quality product has been tested and certified to meet applicable Australian and New Zealand electrical and safety standards.

## Specifications

Input:	AC 220-240v 50Hz
Output	10A resistive load.
Operating temperature:	-10° C to 40° C.
Min setting time:	1 minute.
Battery back up:	Alkaline button cell battery LI 131



## Features

Up to 8 ON and OFF switches a day / 56 On and Off switches a week.

Option to program individual days or 8 different weekday groups.

Minimum switching period is one minute.

Summer time / Winter time change over.

Easy to read LCD display.

Random automatic ON / OFF security feature.

Manual override button.

Battery back up.

Countdown Feature for timing down from 9hrs 59mins

## Important Safety Precautions

Do not use on an extension lead.

Do not plug this timer into another time switch.

Do not plug any device performing mechanical movement directly into the timer.

Fan heaters and heaters with exposed elements should not be left unattended and it is recommended that these types of appliances are not connected to timers.

Do not insert needles or any other metal objects into mains outlet.

Avoid moisture, extreme temperature, shock and vibration.

Use indoors only. Recommended ambient temperature -10 degrees C to 40 degrees C.

Do not open the timer. There are no user serviceable parts inside. Authorised service personnel must perform repairs only.

Use a soft cloth to clean casing and display.

Do not use chemical or scouring agents.

Do not submerge in water.

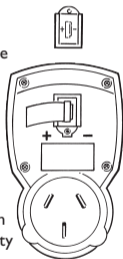
Keep device out of reach of children.

Do not use near flammable gases or liquids.

## Important

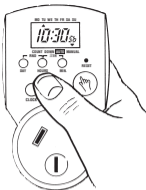
Before using the timer, the tag needs to be removed from the battery back-up compartment. Loosen screw securing the battery cover and gently slide the tag out from between the contact and the battery. Retighten the screw to secure the battery cover. This is a similar procedure for replacing the battery, remove the cover and lift the battery from within the contacts. Insert a new battery of the same type (alkaline button cell LI131), observing the correct polarity (+/-) as shown on the battery cover.

After installing the battery the unit may be programmed before plugging into the power source



## Setting The Time

Press and hold the CLOCK button. With this held pressed, the Day button can be used to select the correct day, or the HOURS button used to select the correct hour and the MIN button to select the correct minutes. When the MIN button is released the time will be set with the seconds starting from 0. Either holding down or repeatedly pressing the appropriate button can advance the days, hours and minutes.



## Programming of switching times

The Kambrook Electronic Time Switch has the capacity for 8 ON / OFF switches. By using the blocks of days available for repetitive programs you can save program capacity. The blocks of days are:

Individual days of the week.

Mon, Tues, Wed, Thurs, Fri, Sat, Sun.

Day blocks

Mon, Tues, Wed, Thurs, Fri.

Sat, Sun.

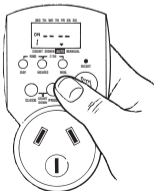
Mon, Tues, Wed, Thurs, Fri, Sat.

Mon, Wed, Fri.

Tues, Thurs, Sat.

Mon, Tues, Wed.

Thurs, Fri, Sat.



For each ON time and each OFF time, the day, hours and minutes must be set.

Press the PROG Button once to set the first ON time – you will see ON and number “1” appear on the left of the LCD display.

This indicates that you can now enter the first ON time. Press the DAY button to choose the required day, or block of days and then set the hour and minutes using the HOURS and MIN buttons.

When you have completed setting the required ON time press the PROG button to validate the entry and move onto the first OFF time – you will see OFF and the number “1” appears on the left of the LCD display.

This indicates that you can now enter the first OFF time by using the DAY, HOURS and MIN buttons as above. Press the PROG button to validate this entry.

Repeat for the remaining 7 ON /OFF settings as required.


When you have set the required ON / OFF settings, press the CLOCK button to return the display to the clock. The Timer will now be ready to operate.

To activate the timing programs, set the timer to Auto off Mode, by pressing the MANUAL button. For details, please read the MANUAL OVERRIDE section.

*Note that you can check the settings you have programmed by pressing the PROG button repeatedly – each setting will appear on the screen.*

When checking your programs, ensure that the settings do not overlap, especially when using the block option.

## Manual Override

You can choose permanent ON, Permanent OFF and AUTO mode by pressing the Manual (  ) button. Check the display for arrow indicator for Auto or Manual, then the on / off on the left-hand side of the screen. The timer programs will only work in the AUTO ON or AUTO OFF settings.

Mode	Functions
MANUAL OFF	Turns off the timer permanently
AUTO OFF	Starts the set program
MANUAL ON	Turns on the timer permanently
AUTO ON	Turns on the timer until it reaches the next Programmed off time and the set program will be continued.

## Random Automatic ON / OFF

### Security Feature

With this option selected, the timer will switch ON and OFF, at least one cycle, in a random pattern for every 1 minute to 8 hours. This is ideal for use with a light or radio, switching it ON and OFF automatically when you are out to make your home appear occupied, but not at the same times every day.

To enter the Random mode, press the DAY and HOURS buttons simultaneously and a "R" will appear on the LCD display. The Random Mode and programmes will work at the same time separately. When the Random Mode is

activating, the timer will still switch ON and OFF within the set programmes. For example, the Random Mode might switch the timer to OFF even when the timer is switched ON by the set programmes.

Please note that if the timer has no set programme, the timer will switch ON and OFF about 1 minute after you enter the Random Mode. To exit Random Mode, press DAY and HOURS buttons again.

## **Summer time / Winter time time change over**




To change from winter time to summer time press the HOURS and MIN buttons simultaneously. The clock will be set forward one hour and a "S" will appear on the display. Repeat the same procedure in order to return to winter time.

*NB. If you purchase this unit during the summer, when setting the clock set the time for one hour less than the correct time and then when the unit is in the AUTO mode press the HOURS and MIN buttons simultaneously. The unit will then adjust to the correct "Summer" time and the "S" will appear on the LCD display.*

## **Count Down Feature**

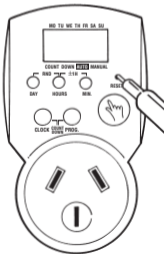
To enter into or exit from the COUNT DOWN timer mode, press CLOCK and PROG button simultaneously. To select the count down time use the HOUR / MIN buttons.



The maximum countdown time selection is 9 hrs and 59 mins and the minimum countdown time selection is 1 Min. After you have selected the countdown time, you can press the MANUAL (  ) button to start. The output will turn on until the end of the countdown period. You can pause the countdown any time during the countdown period by pressing the MANUAL (  ) button. The countdown will resume after you press the MANUAL (  ) button again. You can review the time during the countdown period by pressing and holding in the CLOCK button. After you have released the CLOCK button, it will go back to the countdown mode. You can go back to the Timer mode by pressing CLOCK and PROG button simultaneously.

## Reset Button

To reset the unit, including the time and programmed ON / OFF settings, press the RESET button using a ballpoint pen.



## **Kambrook 12 Month Guarantee**

KAMBROOK warrants the purchaser against defects in workmanship and material, for a period of 12 months from the date of purchase (3 months commercial use).

Guarantee and purchase receipt for this product are to be retained as proof of purchase and must be presented if making a claim under the terms of the KAMBROOK guarantee.

KAMBROOK reserves the right to replace or repair the appliance within the warranty period. Warranty does not apply to any defect, deterioration, loss, injury or damage occasioned by, or as a result of the misuse or abuse, negligent handling or if the product has not been used in accordance with the instructions. This warranty is void if there is evidence of the product being tampered with by unauthorised persons. If the product includes one or a number of accessories, only the defective accessory or product will be replaced.

In the event of KAMBROOK choosing to replace the appliance, the guarantee will expire at the original date, ie. 12 months from the original purchase date.

In Australia, this KAMBROOK Replacement Guarantee is additional to the conditions and guarantees which are mandatory as implied by the Trade Practices Act 1974 and State and Territory legislation.

Should your appliance require service, it should be sent by post to:

**KAMBROOK**

4 Kingston Town Close Oakleigh,  
Victoria 3166, Australia

Customer Service Line (free call) 1800 800 634

Customer Service Fax 1800 621 337

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