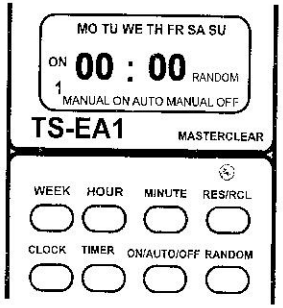
Random Function

This is an ideal security feature to activate a device in the home eg. a lamp or radio. This might give a would be inturder the perception that somebody might be home. Pressing the RANDOM key in the Auto mode will turn this function on or off.
This function will vary the ON/OFF program times by 0-32 Minutes between 6.00AM and 6.00PM
The Random Indicator will be on the LCD screen to indicate that the function is active.



Random key

Daylight Savings Function

In some time zones during summer the clocks are put forward by 1 hour for daylight savings..
Press the CLOCK and ON/AUTO/OFF key together to switch between summer on and off on the LCD screen.

Specifications:

Voltage	240VAC 50Hz
Max Load	10 Amps
Min Time increment	1 Minute
Operating Temperature	-10 to +40°C
Accuracy	+/- 1 Minute per Month

Warranty

JB Lighting Pty. Ltd. ACN 097 054 816 promises the purchaser a conditional warranty for a period of 12 months (3 months commercial use) starting from date of purchase.

JB Lighting Pty. Ltd. reserves the right to replace or repair the product only within the warranty period.

Warranty applies to workmanship and material defects only. Warranty does not apply to loss, injury, damage, defect or deterioration occasioned by or as a result of the misuse or abuse, negligent handling or if the product has not been used in accordance of the instructions herewith. There will be no warranty claim if there is evidence that the product has been tampered with, opened or repaired by unauthorised persons. If the product is replaced then the warranty period remains in force from the date the original product was purchased.

The above warranty is in addition to the mandatory requirements outlined by the Trade Practises Act 1974 and state and territory legislation.

If you timer requires service it should be sent by post to:-

JB Lighting Pty. Ltd.
500 Neerim Road
Murrumbeena Vic 3163

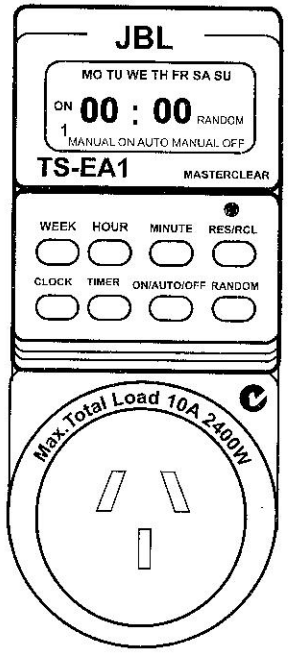
Please ensure that:

1) Freight is prepaid.
2) Timer is well packed to avoid damage.
3) Include your name address and phone no.
4) Reason for return with proof of purchase.

Proof of purchase must be a "Tax Invoice" with the stores ABN number clearly legible on it.

JBL TS-EA1

OPERATING INSTRUCTIONS

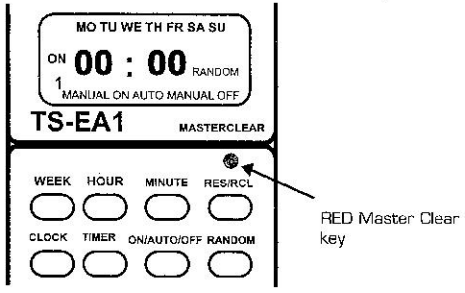


Safety Warning Precaution

Although the ***JBL*** TS-EA1 has a 30A Super Relay built in, the legal permissible load on domestic appliances is 10A (2400W). Always ensure that your appliance does not exceed these limits. Warranty will not cover timer failure due to overload.
To avoid plug and socket burn out, always make sure that the plug is inserted into the timer fully and do not use power boards.
To clean remove timer from power point and use a dry cloth. Keep timer away from water or liquid splash areas.
This is an ELECTRICAL device and caution should be taken to avoid electric shock.
Heaters and similar appliances should never be left unattended during operation.
The manufacturer recommends that such appliances not be connected to timers.
Keep away from children or incapable persons.

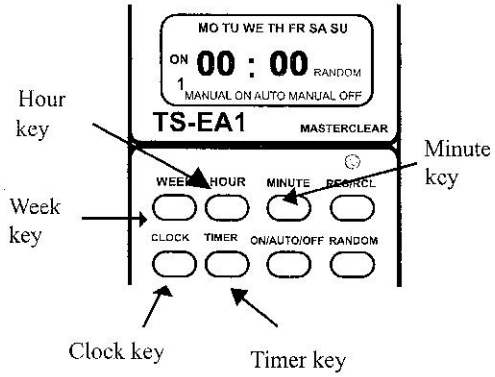
Initial Setup

If the LCD is blank, plug timer into the mains power for a few minutes. This will charge the built in Ni-Cad backup up battery.
When the screen is visible, reset the unit by pressing the RED Master Clear key on the front of the unit with an object such as a pencil or toothpick.



Setting the Current Time

Press and hold the CLOCK key and then press the TIMER key to change between 24/12 hours modes.
Now, whilst still holding down the CLOCK key, press the HOUR and MINUTE keys to adjust current time to the real time as said on the radio or another reliable clock in the house.
To cycle through the digits faster hold the HOUR and MINUTE key down for longer than 1 Sec.
If using 12 hour mode, cycle through the time so that AM/PM is on the correct setting.
Failure to do this may turn on or off the time at the wrong time of day, Finally whilst still pressing and holding the CLOCK key, press the WEEK key to set the timer to the current day of the week.
Note: If you are in a daylight savings time zone see over for the Daylight Savings Function instruction.



Setting the ON / OFF Programs

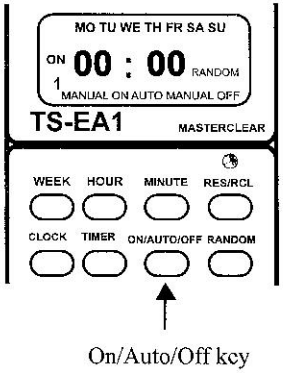
The timer has a total of 8 on and 8 off programs.
Setting it is easy. Simply press and release the TIMER key to display the first "ON" setting.
Use the HOUR and MINUTE keys to adjust to the projected "ON" time.
Then press WEEK key repeatedly to choose between the days you want the timer to work.
E.g.Weekends only, Monday only, Tue Wed Fri etc...There are 16-Day blocks to choose from.
This makes the versatility of this timer enormous.

Remember: If you have chosen 12 hour mode to take note of the AM/PM symbols. Failure to do this may turn on or off the timer at the wrong time of day.

When you are happy with the first "ON" setting, you may press the TIMER key again to set the first "OFF" setting using the same procedure as just explained.

Press and release the TIMER key to cycle through the other 7 "ON" and "OFF" program settings and adjust accordingly.
If you only want 1 On/Off program press and release the clock key to return normal display mode.

Finally, and very importantly, press the ON/OFF/AUTO key until AUTO is showing on the LCD.



Manual Override Function

Press the ON/OFF/AUTO key to cycle through the 3 modes. "Manual On" means that the timer will manually turn your appliance on and stay on."Manual Off" means that the timer will manually turn your appliance off and stay off. "Auto" means that the 8 On and 8 Off programs settings will excute.