BZ179 (TH-838C) ELECTRONIC TIMER

Combined Daily/Weekly Timer

Before using your timer, please read the following instructions carefully.

IMPORTANT

This electronic timer has a maximum loading printed on the rating label, and under no circumstances should this be exceeded. Read the section on IMPORTANT SAFETY PRECAUTIONS.

FEATURES

- Up to 8 ON and OFF switches a day/56 ON and OFF switches per week
- Option to programme individual days or 8 different weekday groups
- Minimum switching period one minute
- Summer timer/Winter time changeover
- Easy to read LCD display
- Random automatic On/Off security features
- Countdown facility
- Manual override button
- Battery back-up (If there is no LCD display, plug the timer into a socket and switch on, this will re-charge the battery)

SETTING THE TIME

Press and hold the CLOCK button. With this button held, the day (DAY), hours (HOURS) and minutes (MIN) buttons can be pressed to select the correct day and time (based on 24 hour clock). The days, hours and minutes can be advanced by either holding down or repeatedly pressing the appropriate button.

PROGRAMMING OF SWITCHING TIMES

Your Electronic Timer has the capacity for 8 On/Off switches. By using the blocks of days available you can save programme capacity. The blocks of days are:

Mon, Tues, Wed, Thurs, Fri, Sat, Sun
Individual days of the week
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 Min must be set.
Press the PROG button once to set the first ON time – you will see "ON" and the 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 blocks 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" appear on the display. Now enter the first OFF time by using the DAY, HOURS and MIN buttons ensuring you enter the same day or block of days for the ON time. Press the PROG button to validate this entry.
Repeat for the remaining On/Off settings as required. Press CLOCK to return to the display of the time. The timer is now ready to operate.
Note that you can check the settings you have programmed by pressing the PROG button repeatedly – each setting will appear on the screen, one at a time.

MANUAL OVERIDE

You can choose permanent Manual ON, permanent Manual OFF, Auto ON and Auto OFF by pressing the Manual button. Each mode will be displayed on the screen. When you choose Auto ON, the timer turns on until the next OFF time you have programmed. The programmed settings will only work on the Auto mode. When Auto mode OFF is chosen, the timer is off until the next programme activates.

COUNT DOWN FEATURE

To enter into Countdown facility, press CLOCK and PROG buttons simultaneously. Using the HOURS and MIN buttons set the countdown time. (The maximum selection is 9 hours and 59 minutes and the minimum is 1 minute.) Press the MANUAL button to start the countdown. The output will turn on until the end of the countdown.

You can pause the countdown anytime during the period by pressing the MANUAL button, to re-start press the MANUAL button again. To review the time during the countdown period, press and hold the CLOCK button, release the button to return to the countdown display.
To return to the timer mode, press the CLOCK and PROG buttons simultaneously.

RANDOM AUTOMATIC ON/OFF SECURITY FEATURE

With this option selected, the timer will switch ON and OFF in a random pattern at least once in every 8 hours. (This may mean the timer will switch OFF within a set ON period, or vice versa.) This is ideal for use with a light, switching it On and Off automatically when you are out, to make your home look occupied, but not at exactly the same time every day.
To enter the Random mode press the DAY and HOURS buttons simultaneously. An "R" will appear on the display and the unit will start the random switching.
If no programmed times are set, the timer will switch ON or OFF approximately 1 minute after you enter Random mode, then continue randomly.
To turn the Random mode Off, press the DAY and HOURS buttons together again.

SWITCHOVER SUMMERTIME/WINTERTIME, TIME ZONE CHANGE

To change from wintertime to summertime, press the HOURS and MIN buttons simultaneously. The clock will be set forward one hour and an "S" will appear on the display. Repeat the same procedure to return to wintertime.
Note that if you purchased this unit during the summer, when setting the clock, set the time for one hour less than the correct time, then press the HOURS and MIN buttons as above. The unit will then adjust to "summer" time and the "S" will appear on the display.

RESET BUTTON

To reset the unit, both the time and the programmed On/Off settings, press the RESET button using a ballpoint pen.

DISPLAY
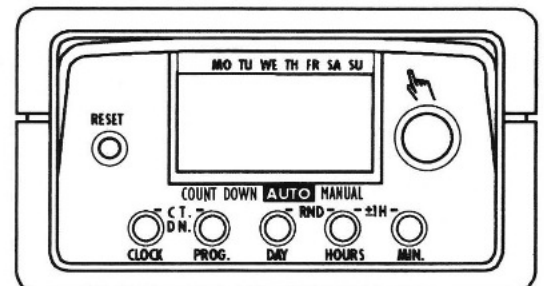
IMPORTANT SAFETY PRECAUTIONS

- Do not use on a extension lead.
- Do not plug into another timer switch
- Do not plug any device performing mechanical movement directly into the timer.
- Do not exceed the maximum loading (shown on the rating label on the product)
- 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 any metal objects into the mains outlet.
- Avoid moisture, extreme temperatures, shock and vibration.
- Use indoors only.
- Do not open the timer. Repairs must be performed by a qualified electrician.
- To clean casing and display use a soft cloth. Do not use chemical or scouring agents.
- Do not submerge in water.
- Keep device out of reach of children

SPECIFICATION

Input – AC 220-240v 50Hz
Output – 13A resistive load
Operating temperature – 10 degrees C to 40 degrees C.
Min setting time : 1 minute
Battery back up : NiMH 1.2 VDC