

CR8500 CR8501 Electronic Timer Instructions

Standard ON/OFF Cycling:

1. The CR8500 and CR8501 Timers will start with the factory default timer schedule of 30 seconds ON and 30 minutes OFF when power is first applied. The display will start counting down the ON time (3, 2, 1) and the SEC LED will be flashing. When the ON time reaches 0 seconds, the display will change to OFF time and start counting down the 30 minutes OFF time setting with the MIN LED flashing. The preset times can be changed to any values ranging from 0.1 seconds to 99 hours.
2. To change the ON time, press the right "On/Up Arrow" button and "ON" will flash briefly on the display. The previously set ON time will next appear on the display and the Second LED will be on. You can now press the left "Off/Down Arrow" for decreasing the time or the right "On/Up Arrow" for increasing the time. The second, minute, hours LED will light the time bracket as the times are changed. When you finish setting the ON time desired, wait a few seconds and the display will start flashing indicating that the new ON time is saved.
3. The OFF time is factory set to 30 minutes. To change the OFF time, press the left "Off/Down Arrow" button and "OFF" briefly appears in the display. Change the time with the same procedure as above using the Up and Down arrow buttons. When finished, wait a few seconds and the display will start flashing indicating that the new OFF time is saved.
4. The timer is now programmed and will work automatically with the new cycle when power is applied.
5. The TEST button may be pushed and held at any time to produce an ON condition.

Additional Cycle Patterns:

1. The CR8500 Timer is capable of performing the following functions:
 - Function A: Start with ON time and then OFF time, continuing.
 - Function C: Start with OFF time and then ON time, continuing.
 - Function B: Single cycle, starting with ON time and then remaining OFF.
 - Function D: Single cycle, starting with OFF time and then remaining ON.
2. The factory default setting is Function A, and can easily be changed with the following steps:
 - Press and hold the TEST button as power is applied.
 - Release TEST after "A" appears on the display. Use the Up and Down Arrow buttons to scroll through the Functions A, B, C, D, stopping at the desired function.
 - When finished, wait a few seconds and the display will start flashing indicating that the new cycle is saved.

Returning to Factory Default Settings:

1. The CR8500 Timer can be returned to factory the default settings of Function A with 3 seconds ON time and 30 minutes OFF time with the following steps:
 - Press and hold both the OFF/Down Arrow and TEST buttons as power is applied.
 - Release the buttons after "P" appears in the display. The display will show "A" steady and then flashing after a few seconds confirming the factory default settings are saved.