

# CN101A timer manual

Before starting, clear any test programming, or stray code from chip by pressing **C** button for 2 seconds.



## Set current time:

Press and hold **C** clock button.

Then press **D+** button to select current day of week as displayed on LCD

Press **H+** and **M+** buttons to select current Hour and Minute

Release **D+** button and current time displays on LCD

## Program timer:

Press **P** button until 1 and ON display. Release button.

This is Program 1 ON time

Then press **D+** button to select day(s) of week for program 1 ON

Press **H+** and **M+** buttons to select Hour and Minute for Program 1 ON

Press **P** button until 1 and OFF display. Release button.

This is Program 1 OFF time

Then press **D+** button to select day(s) of week for program 1 OFF

Press **H+** and **M+** buttons to select Hour and Minute for Program 1 OFF

Repeat sequence to set more programs.

Each ON requires OFF.

Be careful that programs do not overlap or conflict with each other, or timer will not perform as expected.

## When programming is completed:

Press **C** clock button, and current time will display.

Timer is operational.

## Manual override:

This button might be used to select mode, such as Auto, Timer, ON, OFF.

Select Auto or Timer for timer functions.

Or manual might be simple override switch. Use manual override button to reverse current programming.

Programming will resume at next set point.

## Countdown and Random functions:

Press **C/R** button to select either countdown or random mode.

## Wiring CN101A timer:

Timer has 4 terminals. 2 terminals for Clock (or Power) terminals, and 2 terminals for switch.

Connect rated voltage to Clock (or Power) terminals on back of timer.

When clock terminals have power, the switch terminals receive NO power.

Switch terminals are dry. This simple on-off switch can control any voltage, 120V, 240V, 277V, 24V

Connect one Hot wire to either switch terminal, and then connect wire going to Load to other switch terminal. Do not exceed rated maximum 16 amps. Volts x Amps = Watts