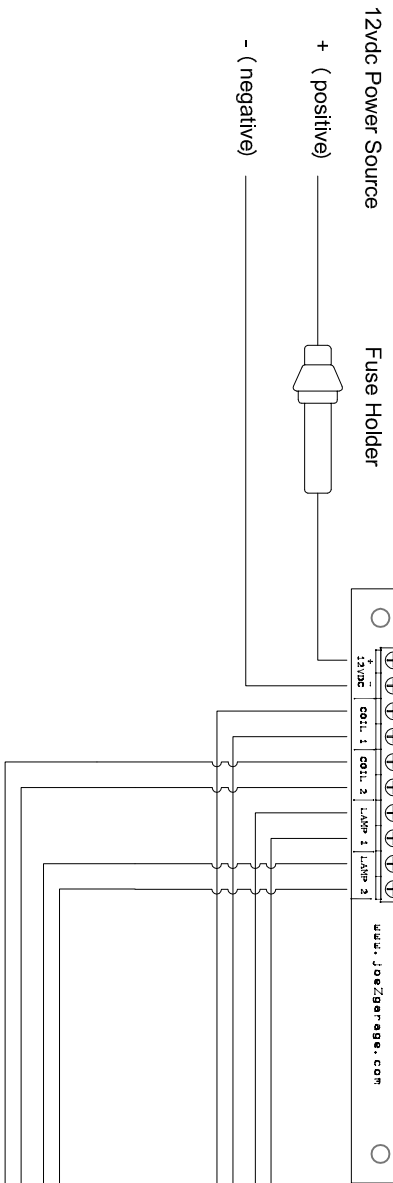## Time Setting Procedure

Press and hold the TIME-SET button until the time-set LED light comes on (about 5 seconds) .

Press and release the TIME-SET button when you want the controller to advance to the next step in the sequence. The time durations between button-presses will be recorded by the controller. Once the controller has been addvanced through all the steps in the sequence, the time-set LED light will turn off and the time-durations between button presses will be stored in non-volitile memory (retained even if power is removed) .

The controller will then begin to cycle at the new preset time durations.

Sequence Select Button: Steps through multiple sequences on controllers with more than one sequence.

Sequence steps (standard Dual sequence) :

1 off
2 yellow/yellow
3 red/red
4 yellow/red
5 flashing yellow/red
6 red/red (brief, fixed)
7 green/red
8 off
9 green/red
10 red/red
11 yellow/red
12 flash yellow/red
13 red/red (brief fixed)
14 greed/red
15 off
16 red/green
17 red/red
18 off
19 red/yel
20 red/red
21 off
22 flashing red/red
23 red/red
24 off

12vdc Power Source
+ (positive)
- (negative)

Fuse Holder

Mounting The board

The board should be mounted via the four holes located in the corners of the board using stand-off's or similar mounting procedure. There should be a minimum clearance of $\frac{1}{4}$" from the bottom solder side of the board and mounting surface.

Wire insulation should be stripped no more than $\frac{1}{4}$".

$\frac{1}{4}$" Clearance

Mounting Surface

Side View

Strip Length
(18awg recommended)

$\frac{1}{4}$"

SC-100 Searchlight Controller

www.joeZgarage.com

Time-Set LED

Time-Set Button

Sequence Select Button

SEQUENCE SELECT

TIME SET

LED1

1.5K Iso.

Lamp #1

Lamp #2

Lens Motor #1

Lens Motor #2