



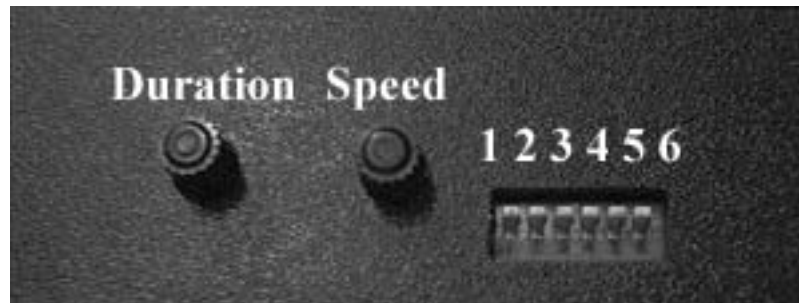
Users Manual  
for the  
Impala, Caprice and Eclipse

## Users Operation Manual

Start out by setting the speed and duration controls to their approximate center positions, then make small adjustments while allowing the turn signals to cycle a couple times before readjusting.

**Adjusting the Speed** – The speed control changes the delay time between the bulb illuminations, for instance: bulb #1 turns on, delay, bulb #2 turns on, delay, bulb #3 turns on. The speed control adjusts the delay time, CW rotation increases the speed by decreasing the delay time and CCW rotation decreases the speed by increasing the delay time. The range of the speed control adjusts from extremely slow to way too fast and only changes at the beginning of a new cycle, therefore again I suggest you make small changes and watch for your desired effect.

**Adjusting the Duration** – The duration control adjusts how long each bulb stay illuminated. For instance: bulb #1 turns on, delay, bulb #1 turns off. The duration control adjusts this delay time, CW rotation decreases the delay time and CCW increases the delay time. The bulb delay times can over lap, for instance: bulb #1 turns on, delay, bulb #2 turns on, delay, bulb #1 turns off, delay, bulb #2 turns off, etc. The range of the duration control is large, and you are able to adjust the duration from the bulbs barely illuminating to the bulbs never quite going out.



### **Switch Settings**

**Switch #1** - UP – up during programming.  
DOWN – preferences are read from your programmed settings.

**Switch #2** – Function varies.

**Switch #3** – Function varies.

**Switch #4** – Function varies.

**Switch #5** – Function varies.

**Switch #6** – UP position – normal mode (leave in this position).  
DOWN position – used for storing your personal setting.

**Installation** – Full installation instructions and test plug instructions are available on-line at [www.jerryselectronics.com](http://www.jerryselectronics.com)

**Turn Signal Operation** – The Motion Signals controls your 6 tail, 2 dash and 4 front signal lamps, the dash and front lamps are controlled together – therefore your dash lamps mimic your front lamps, and the turn signal reminder noise follows the dash lamps, (Note: this reminder noise feature may be eliminated in future versions).

Start by selecting your desired rear pattern, adjust speed and duration to your liking, and then adjust the front signal pattern using the switches only. (Note: The front signal speed is controlled by the rear signal speed, you cannot adjust front speed independently). When selecting your turn signal pattern be sure to try all patterns with different speed and duration setting, the mixing of the speed and duration produces some interesting effects, be sure to try the full adjustment range of each and remember there are thousands of different settings.

**Special Show/Hazard Mode** – This mode was created for a little fun, can be used at car shows, autocross or road rally events. It alternates the front turn signals and does a few interesting things to the taillights. Please do not use this feature when traveling on public roads.

Note: applying your brakes while in hazard mode has no effect on taillights.

- 1) Install the supplied jumper in place of the hazards flasher (Impala/Caprice only).
- 2) You must have previously programmed your desired pattern.
- 3) Your ignition must be on (Impala/Caprice only).
- 4) Turn on your hazards.

Your brake lights will work normally when hazards are switched off.

**Programming Your Personal Turn Signal Settings** – To store your turn signal pattern, speed and duration settings follow these steps:

- 1) Switch 1 and 6 must be in the up position.
- 2) Turn your ignition on
- 3) Turn on your left or right turn signal.
- 4) Adjust switch 4 and 5 to select rear signal pattern.

<u>Switch #4</u>	<u>Switch #5</u>	<u>Pattern</u>
Up	Up	Stock
Down	Up	Sequential
Up	Down	Explode Out
Down	Down	Rotating

- 5) Adjust the speed and duration to your liking.
- 6) Adjust switch 2 and 3 to select front signal pattern.

<u>Switch #2</u>	<u>Switch #3</u>	<u>Pattern</u>
Up	Up	Stock
Down	Up	Double Rate
Up	Down	Double Flash
Down	Down	not used

- 7) Without bumping controls flip switch #6 down.
- 8) Your turn signal should stop working indicating that the operation was successful.
- 9) Turn off your turn signals.
- 10) Flip switch #6 to the up position.
- 11) Flip switch #1 to the down position (reads programmed settings).
- 12) Turn on your turn signal, the speed and duration controls should have no effect.

**Programming Your Personal Hazard Signal Settings** – To store your hazard signal pattern and speed settings you must install the supplied jumper in place of your factory hazard flasher and follow these steps:

- 1) Switch 1 and 6 must be in the up position.
- 2) Turn your ignition on.
- 3) Turn on your hazards signal.
- 4) Adjust switch 4 and 5 to select hazards pattern.

<u>Switch #4</u>	<u>Switch #5</u>	<u>Pattern</u>
Up	Up	* Stock
Down	Up	Dual Chaser
Up	Down	Ping Pong
Down	Down	Wigwag

- 5) Adjust the speed.
- 6) Adjust switch 2 and 3 to select front signal pattern.

<u>Switch #2</u>	<u>Switch #3</u>	<u>Pattern</u>
Up	Up	Stock
Down	Up	Double Rate
Up	Down	Double Flash
Down	Down	not used

- 7) Without bumping controls flip switch #6 down.
- 8) Your hazards should stop working indicating the operation was successful.
- 9) Turn off your hazards.
- 10) Flip switch #6 to the up position.
- 11) Flip switch #1 to the down position (reads programmed settings).
- 12) Turn on your hazards signal; the speed control should have no effect.

\* - (Impala/Caprice only) if you turn on your hazards with stock mode selected, you cannot change to other patterns by flipping the switches, you must select other than stock pattern and restart the hazards, if you prefer stock hazards you must have the factory hazard flasher installed – the Motion Signals controller assumes you have the factory flasher installed and will simply turn on all lamps when in this setting.

Note: (Impala/Caprice only) if you select other than stock hazards – your hazards will not work with the ignition off.

**Setting Your Brake Light Pattern** – Once you have programmed your desired turn signal and hazard patterns, you can set your brake pattern:

- 1) Switch #1 must remain in the down position.

<u>Switch #2</u>	<u>Pattern</u>
Up	Stock
Down	All 3

**Note:** this setting also adjusts the factory hazards mode (Impala/Caprice – only with ignition on).

**Trailer Towing** – The Motion Signals are designed to be returned to stock operation quickly therefore when towing a trailer, the recommended method is to return the turn signals to factory operation, with the number, types of lamps and the condition of the wiring on the trailer unknown it would be safest to return to factory operation.

**Returning to Factory Operation Impala / Caprice** – To return your vehicle to factory operation follow these steps:

- 1) Turn off ignition.
- 2) Unplug the red jumper wire where the hazard flasher was.
- 3) Reinstall the factory hazard flasher.
- 4) Unplug the 2 red wires where the turn signal flasher was.
- 5) Reinstall the factory turn signal flasher.
- 6) Disconnect the 2 white connectors under the steering column that were part of the turn signal installation process.
- 7) Connect together the 2 white connectors under the steering column that are connected to the factory harness.
- 8) In the trunk unplug the 2 large white connectors located next to the sequential signal controller.
- 9) Install the 2 test plugs into the 2 connectors that are attached to the factory harness.

**Returning to Factory Operation Eclipse** – To return your vehicle to factory operation follow these steps:

- 1) Turn ignition off.
- 2) Remove top center dash vent trim panel
- 3) Unplug Motion Signals signal module from factory plug.
- 4) Plug factory connector back into factory flasher controller module.
- 5) Reinstall top center dash vent trim panel.
- 6) In the trunk unplug the 2 large white connectors located next to the sequential signal controller.
- 7) Install the 2 test plugs into the 2 connectors that are attached to the factory harness.