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## TecNote 2006 – Internal / External Flasher Selection

The Chronomax time switch operates from both AC and DC power. There is no user configuration required to select either mode. The cabinet wiring determines the source of input power.

The Chronomax time switch, for some models, come equipped with both an internal DC flasher, and a relay for activating an external flasher. Again, cabinet wiring determines the source of the output. The DC flasher is always enabled, and the relay output is user selectable via a jumper.

If you are using the internal DC flasher, then the loads simply have to be connected to the appropriate harness wires.

If you are using an external flasher (DC or AC), then the relay must be enabled via K1 and K2, and the flasher input connected to the appropriate harness wires.

The following table summarize the how to configure the unit.

| Feature           | Internal Flasher     | External Flasher     |
|-------------------|----------------------|----------------------|
| Relay Output 1    | Disabled (Remove K1) | Enabled (Install K1) |
| Relay Output 2    | Disabled (Remove K2) | Enabled (Install K2) |
| Output Duty Cycle | Set from 40% to 50%  | Set at 00%           |

**NOTE** Jumper K1 and K2 are located directly under the top right corner of the keyboard, between the chip and the keyboard standoff.

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*The Technology That Moves America*

Naztec, Inc  
820 Park Two Dr.  
Sugar Land, TX 77478, USA.

(281) 240-7233 (FAX) 240-7238  
Email: [naztec@naztec.com](mailto:naztec@naztec.com)

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