

## Model MC 682 *MicroCab* Controller



### *Micro-Size-it with the MC 862*

The MC 682 MicroCab controller is an extremely innovative, feature-loaded, and very affordable, all-in-one traffic controller, about the size of a shoebox. The MicroCab 682 is a fully-actuated controller assembly containing an internal enhanced conflict monitor, flasher, and solid state load switches. The MC 682 allows for six (6) combination phase, pedestrian, and/or overlap outputs with the programming capability of a fully featured Series 900 Naztec controller. The user-friendly menu driven software makes the MC 682 simple to program.



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### Features

<b>COMPACT CONSTRUCTION</b>	The MC 682 contains only three (3) printed circuit boards which include the CPU board, the conflict monitor board, and the output triac board.
<b>CONFLICT MONITOR</b>	Detects any full- or half-wave conflicts occurring on the Green, Yellow, or Walk outputs. A watchdog signal is monitored for malfunctions in the microprocessor. The conflict monitor contains a “power-on” flash timer similar to a standard NEMA monitor. It monitors Red Fail and multi-indications by channel, and is keypad programmable for permissive and multi-indications per channel.
<b>COORDINATION</b>	The MC 682 operates as a fully actuated and coordinated controller which uses state-of-the-art coordination techniques.
<b>DISPLAYS</b>	The MC 682 is equipped with a 4x40 LCD display for menu selection and status of operation. LED indicators are located on the front panel for COORDINATION ON, CONFLICTS, and POWER.
<b>FLASH OUTPUT</b>	Phases can be programmed to flash RED or YELLOW during MUTCD flash.
<b>INITIALIZATION</b>	Four starting interval options are available including Green, Yellow, Red, or ALL Red for three (3) seconds.
<b>COMMUNICATION</b>	Two high speed (up to 19.2 kbps, user programmable) RS-232 ports are provided for laptop interface and/or a systems interface.
<b>WARRANTY</b>	The MC 682 is covered by a one (1) year warranty. Optional extended warranty and/or services are available.
<b>OPERATION</b>	<b>Voltage:</b> 95 to 135 VAC <b>Output:</b> Up to 6 Phases <b>Temp:</b> -35° F to +165° F <b>Humidity:</b> 0 to 95 percent
<b>PHYSICAL</b>	<b>Height:</b> 8.25 in. <b>Width:</b> 12.5 in. <b>Depth:</b> 7.5 in. <b>Weight:</b> 11 lb.

