

## LA702 automatic spreader controller



- ❑ **Compact design**  
... easy to install
- ❑ **Field programmable**  
...front panel adjustment, no special tools required

The LA702 uses advanced digital control technology to regulate the application rate for highway sprayer vehicles equipped with liquid dispensing systems. The LA702 regulates a single liquid delivery pump output (GPM) in direct proportion to the vehicle's ground speed (MPH) to create a constant spray rate, measured in gallons per lane mile. The operator can set the application rate directly in gallons per lane mile and select any of three lanes: left, center and/or right. The LA702 uses a vacuum fluorescent display for an outstanding presentation of all operational factors, such as MPH, Gal/lane mi., GPM, and selected lanes.

### Features

- Automatic spray rate control to achieve a desired application in gallons per lane mile
- Automatic ground speed shut off when MPH = 0
- Manual spray control with direct operation of the pump output and lane selection
- Calculate, record and display accumulated gallons delivered
- Continuously display the vehicle speed (MPH), pump output (GPM) and delivery rate (GPLM)
- Control up to three lanes with up to three output flow levels per lane
- Low liquid alarm to protect the pump, uses a tank mounted low level float switch
- Ground speed sensor calibration and pump flow sensor calibration
- Electro-hydraulic proportional valve control, PWM current mode servo, adjustable PWM freq.
- Digitally adjustable minimum and maximum electro-hydraulic valve drive
- Digitally adjustable boom minimum and maximum flows
- Field printer option; accumulated gallons dispensed, total sprayed miles, date/time, calib., etc.
- Real time clock with day, date and time for data logging trip information
- Senses failed GPM sensor, failed pump valve circuit, failed boom valve relay circuit

### General Specification:

- ◆ Operating voltage: 11-15 vdc
- ◆ Outputs: (1) PWM, (1) 2.5 amp. PWM, (6) Boom valve adjustable PWM
- ◆ Inputs: MPH and low tank
- ◆ Wiring interface: Twist lock connectors, rear panel
- ◆ Comm: Printer port