

CALC-AN-ACRE[®] LR

SPEED, AREA & DISTANCE MONITOR



Calc-An-Acre was the original low-cost acre counter. Now, this easy-to-use monitor is an even greater value. In addition to providing accurate speed, area and distance measurement, the new Calc-An-Acre LR includes two independent hour counters, an area per hour function and a width reduction feature to measure the effective coverage area in spraying applications. The console, speed sensor, cabling and connectors have also been completely redesigned to improve performance and provide greater overall reliability.

TYPICAL APPLICATIONS:

The Calc-An-Acre LR can be installed on most types of equipment, including tractors, sprayers, combines, ATV's and trucks. It can be used in a wide range of work situations to help eliminate waste, increase productivity and track progress:

Chemical/Fertilizer Application— Monitor and maintain ground speed with greater ease for more consistent application. Compare chemical or fertilizer usage to an accurate measure of the coverage area to verify correct application rates.

Test Plots— Accurately set up test plots to compare the performance of different seed varieties, tillage practices, herbicides, etc.

Harvesting— Measure total area, individual fields or parts of a field for accurate yield calculations and spot checks.

Record Keeping— Know the correct area covered when leasing equipment or performing custom work.

General Management— Perform timely equipment maintenance, plan work schedules and estimate completion time.

The versatility of Calc-An-Acre makes it a tool for all seasons that quickly pays for itself.



Manufactured in U.S.A. by:

MICRO-TRAK[®]
SYSTEMS, INC.
An Electronics Company

CALC-AN-ACRE[®] LR

BUILT BETTER TO WORK BETTER

The goal of Micro-Trak in redesigning the Calc-An-Acre was to make a monitor with expanded capabilities that was still low in cost, durable and even easier to use than the original model. Features of the new system include:

- Lighted readout and exclusive BriteKnob™ for night operation
- High contrast Liquid Crystal Display with large easy-to-read numbers
- Heavy-duty rotary switch for easy function selection
- Push-button run/hold, counter reset and calibration keys
- Hall effect speed sensor – has no internal moving parts for longer life and greater reliability
- Weatherproof cable connectors
- Heavy-duty, composite case – impact and weather resistant. Low profile design also requires less space.

CONSOLE OPERATION

Calc-An-Acre may be set for either English or metric operation. Measurements are displayed with a one-tenth of a unit accuracy. The eight position rotary switch is used to select and display the following functions:

Ground Speed

Linear Distance Travelled

Total Area – Typically used to maintain a running total of all work performed

Sub Area – Allows separate area measurement of individual fields, specific work applications or amount of area worked in a period of time.

Total Hours – Maintains a running total of hours of operation

Sub Hours – Used to record the duration of specific operations.

Area Per Hour – Shows work progress

Width Reduction – This feature was specifically designed to allow accurate measurement of the effective coverage area during spraying. Used in combination with the +/- keys, it is used to match the monitor's area measurements to the number of active booms.

Distance, area and hour counters can be independently reset without affecting other stored totals.

SYSTEM COMPONENTS:

The Calc-An-Acre LR includes display console, adjustable mounting brackets and hardware, cabling, Hall effect speed sensor.

INSTALLATION:

1. Mount the display console.
2. Mount the speed sensor to a non-driven wheel on your implement or vehicle. (Sensor may also be installed on the vehicle's drive shaft).
3. Connect the power cable to the vehicle's ignition switch or ignition controlled circuit.

CALIBRATION:

Setup for operation simply requires entering two measurements into the display console.

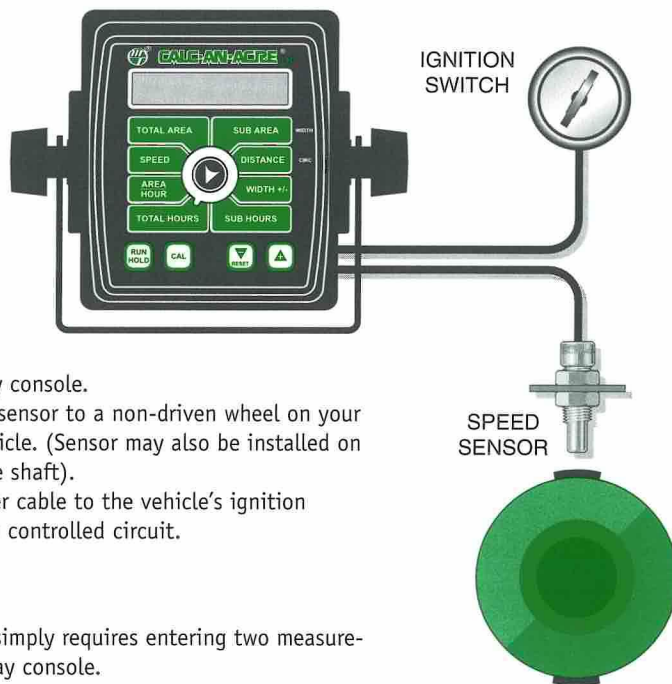
1. Circumference of the sensor-equipped wheel.
2. Width of the vehicle or implement effective work area.

OPTIONAL EQUIPMENT:

Trak-Star™ Ultrasonic Speed Sensor– Trak-Star uses high frequency sound waves to provide a true measurement of ground speed. It eliminates possible errors that can result from wheel slippage and is unaffected by factors that can degrade the accuracy of radar speed sensors.

Remote Run/Hold Kit– Automatically turns the monitor's area counting functions on when an implement is lowered into its operating position.

Relay Kit– Automatically turns electric boom solenoid valves off when the monitor is placed in "hold" with the push-button Run/Hold switch or the optional Remote Run/Hold Kit.



TRAK-STAR
ULTRASONIC
SPEED SENSOR

CUSTOMER SATISFACTION AND SUPPORT

Micro-Trak products carry a guarantee of satisfaction and are warranted against defects in materials or workmanship. Details of these policies are included with each product.

Micro-Trak also provides technical support that is among the best in the industry to answer your questions and troubleshoot problems.

FOR THE NAME OF YOUR NEAREST MICRO-TRAK DEALER OR DISTRIBUTOR, CALL:

TOLL FREE U.S. and CANADA 1-800-328-9613

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