

# CALC-AN-ACRE® II

## Speed, Area, Distance & RPM Monitor

**The Calc-An-Acre II** adds even more value to the original low-cost acre counter. In addition to providing accurate speed, area and distance measurement; the Calc-An-Acre II will now independently monitor the rpm of a shaft. It includes three independent area counters, two independent hour counters, an area per hour function and a width reduction feature to measure the effective coverage area in spraying applications. The Calc-An-Acre II offers new features while remaining compatible with existing Calc-An-Acre harness installations.

**Typical Applications:** The Calc-An-Acre II can be installed on most types of equipment including sprayers, swathers, tractors, ATV's, trucks, combines and floaters. It can be used in a wide variety of work and home situations to increase efficiency, productivity and track progress.

**Chemical/Fertilizer Applications:** 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 THE CALC-AN-ACRE II MAKES IT A TOOL FOR ALL SEASONS THAT QUICKLY PAYS FOR ITSELF!



**MICRO-TRAK**  
SYSTEMS, INC.

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**Accurate and Affordable Electronics from Micro-Trak**

# CALC-AN-ACRE® II

**OPERATING THE CONSOLE:** The Calc-An-Acre II features a large readout with lighted liquid crystal display and easy-to-use rotary switch. When the console is powered up and turned on, Total Hours will appear for about three seconds (non-resettable). To initiate any operation, turn the knob so the dial points to the chosen function.

## Built for your needs:

- Lighted readout for night use
- High-contrast Liquid Crystal Display with large, easy-to-read numbers
- Heavy-duty rotary switch for easy function change
- Push-button run/hold, counter reset and calibration keys
- Hall-effect speed sensor with no internal moving parts for longer life and greater reliability
- Weatherproof cable connectors
- Heavy-duty composite case; impact and weather resistant - compact design requires minimal space

**AREA (1) (2) (3):** Keeps a running count of the total acres (hectares) (thousands of square feet) worked in 3 independent counters. May be reset.

**SPEED:** Displays ground speed in miles per hour (kilometers per hour).

**AREA / HOUR:** Displays current work rate in acres per hour or hectares per hour or thousands of square feet per hour.

**TOTAL HOURS:** Shows hours of operation (can be reset).

**RPM:** Displays shaft RPM (requires optional Shaft Sensor Kit P/N 01539).

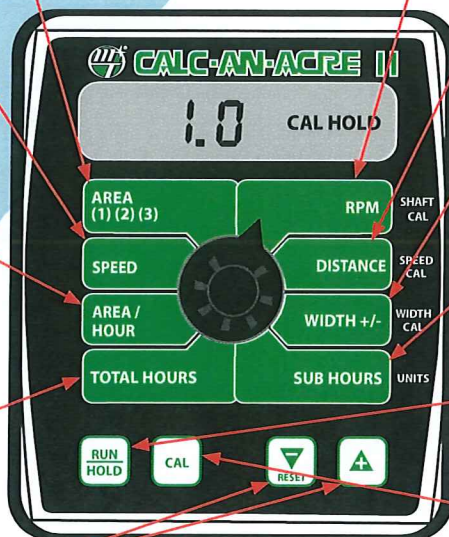
**DISTANCE:** Displays distance traveled in feet (meters). May be reset.

**WIDTH +/-:** Changes effective working width on-the-go, in 25% increments.

**SUB HOURS:** Shows sub hours of operation (can be reset).

**RUN/HOLD:** This key changes status between RUN and HOLD.

**CAL:** This key is used to enter and exit the calibration mode.



**PROGRAM KEYS:** These keys are used to calibrate the system:

- The "+" key increases the figure displayed in readout, while "-" decreases the figure.
- **RESET** clears the selected counter when you hold for three seconds.
- The "+" or "-" keys also change the effective working width, on-the-go, when the dial is set to that position.

## CALIBRATION POSITIONS

**SHAFT CAL:** Used in calibration mode to enter shaft pulses per revolution (for RPM readout).

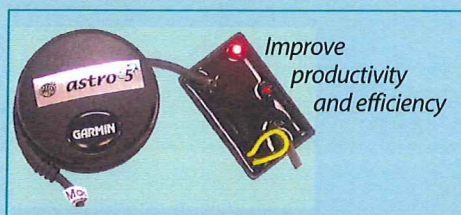
**SPEED CAL:** Used in calibration mode to enter the speed calibration number in inches (cm) per pulse.

**WIDTH CAL:** Used in calibration mode to enter the working width of your sprayer booms or other equipment.

**UNITS:** Used in calibration mode to select between English, Metric and Turf.

## Optional Equipment:

The **Astro GPS Speed Sensors** are a direct replacement for magnetic wheel speed sensors or radars and can interface to most brands of monitors and controllers.



The magnet mount bracket is standard and allows for quick installation and easy transfer from one vehicle to another.

Not affected by crop canopies or adverse ground conditions.

- **ASTRO II:** 1 HZ GPS RECEIVER
- **ASTRO 5:** 5 HZ GPS RECEIVER

The **Vansco** radar speed sensor combines state-of-the-art electronic design and manufacturing to deliver a reliable and accurate speed signal for mobile equipment, like the Calc-An-Acre II.

Adapter cables are available for all Micro-Trak monitors and control systems.



See the Calc-An-Acre II at a distributor/dealer near you!



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