

New From JAMAR

RAC Geo II

GPS-based Distance Measuring



The new RAC Geo II represents a revolutionary leap forward in distance measuring instruments. This new device, available exclusively from JAMAR Technologies and its distributors, has an internal GPS receiver that allows it to provide distance measurements without the need of any external distance sensor. Simply plug the device into your vehicle's 12 volt power outlet (cigarette lighter) and you are ready to go. No calibration, no under hood wiring or splicing, no hassle.

In addition, since the Geo II is using a GPS receiver to track distance traveled, it can also provide GPS coordinates for highway & sign inventory, mapping and much more. The coordinates can be read directly off the display of the Geo II, or stored in memory and downloaded to a computer.



Simplify Your DMI Installations

- Installs in seconds
- No under hood wiring
- Portable from vehicle to vehicle
- No calibration required
- Extremely accurate measurements
- Provides GPS Coordinates



JAMAR
Technologies, Inc.



Making Data Collection Easier

JAMAR Distance Measuring Instruments ...Simply The Best

For 20 years, JAMAR has set the standard in vehicle installed Distance Measuring Instruments. These cost effective DMIs allow your field personnel to measure distance as they drive, accurate up to 1 foot per mile. Much safer and more cost effective than using the old 'Hand-Wheel', users of JAMAR DMIs have come to appreciate their accuracy and reliability across a wide range of applications. Applications include: Safety Zone Layout – Estimating Material Requirements – Documenting Quantities – Pre-Bid Measurements – Highway Inventory – and many more.

Tight budgets and smaller staffs demand greater productivity. With only so many hours in a day, better equipment is one of the few ways to get more done in less time. Justifying specific equipment depends on cost vs. payback in man-hours saved. Our DMIs provide an economical tool to increase productivity with a payback often in a matter of days.

Our large display can be read from any angle with four brightness levels to allow for ambient light conditions, whether it be bright sunlight, cloudy, or at dusk/night. Dual display windows simplify and separate distance data from vehicle speed, interval distance, status and menu information. All this in a small package (7.8" x 2.3" x 1.2") for mounting to the vehicle dashboard or, with optional bracket, to the windshield.

Our newest model, the RAC Geo II, shows the commitment we have to continually improving our products with the latest technology. The Geo II uses a high-performance, on-board GPS receiver that allows you to do distance measuring without the need of any external sensor, saving you time and money.

Virtually everyone who uses JAMAR DMIs prefer them over what they have used in the past, and only JAMAR instruments have a 5-year instrument warranty. Our quality and reliability are unequaled. Simply put, the JAMAR instrument is THE BEST DMI on the market.

RAC Geo II Specifications

Power: 9 to 16 VDC, negative ground.

Display: Dual 6 digit window, high intensity LED. Separate LED indicators for unit of measurement & interval distance. Four brightness levels.

Accuracy: +/- 1 foot per mile. **Resolution:** 1 foot.

Keyboard: 20 sealed keys, 5 million operation with click & tone feedback. ON/OFF slide switch.

Speed Display: Three digit 0-999 (mph & kph) displayed simultaneous with distance.

Time: Elapsed/Real Time (hh,mm,ss).

Count: Bi-Directional (Up/Down).

Calibration: Automatic & manual w/four vehicle calibration and vehicle number ability. Non-Volatile EEPROM Memory.

Test: System check on power up, display of calibration and vehicle number.

Automatic Distance Conversion: Miles (thousandths) to Total Feet to Meters (kilometers).

Count Hold: Stops accumulation of distance.

Display Hold: Freezes display without loss of distance.

Pre-distance: Can start at known distance or Add/Subtract desired distance value from current distance display.

Interval Distance: Display of distance between selected events & total distance.

Distance Pulse Output: 0-5 VDC, low going high, user selectable interval and duration.

Memory Retention: Non-Volatile EEPROM for calibration & vehicle numbers — 50+ years retention.

Circuitry: Solid state, surface mount, modular, EEPROM, micro-computer.

GPS: Built-in GPS receiver capable of being used for distance measuring without the need for any other sensor, with accuracy of within 1 foot per 1000 feet.

Memory: 4 MB memory, 400,000 Event locations, 0-9999 Event code identifiers, Distance, Time & Speed, up to 30 hours of GPS data.

Data Output: Serial RS-232.

GPS Compatibility: Receive and store GPS coordinates. WAAS enabled, 66-channel GPS receiver capability allows GPS accuracy of less than 1 meter.

Case: ABS plastic. **Weight:** 6.5 oz.

Dimensions: 7.8"W x 2.3"H x 1.2" D.

Operating Temperature: 32°F (0°C) to 167°F (75°C).

Warranty: 5-year instrument warranty.



JAMAR
Technologies, Inc.



sales@jamartech.com • www.jamartech.com

1-800-776-0940 • 1-215-361-2244

1500 Industry Road, Suite C

Hatfield, PA, USA 19440

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