

AG-NAV® *Guía* DGPS Guidance System for Ground Application



The *AG-NAV®Guía* by *AG-NAV Inc.* is a DGPS navigation system designed to meet and exceed specific requirements for guidance in Aerial or Ground applications.

The *AG-NAV®Guía* provides the operator with the latest computer technology and GPS navigation. State-of-the-art software and hardware provide clear and fast visual information on the color Moving Map Display. Features such as the USB port allow for fast file uploading and downloading, saving you time and money. One USB stick can store data for a whole season, making this system very safe and reliable.

The *AG-NAV® Guía* is packaged in a sealed housing to prevent external contamination. Brightness and color selection make it easy for day time or night time operation. The compact size makes the unit lightweight and easy to install in most confined enclosures where space is limited. The user-friendly software makes it easy to navigate through the menus for setup and real-time application.



The built-in light bar is useful, convenient and sufficient for ground applications. In most cases there is no need for an external light bar.

The *AG-NAV®Guía* consists of a compact intelligent Moving Map Display with a six-key keypad and a stand-alone DGPS receiver system. An optional light bar can be added to suit the application and type of machine. The *AG-NAV®Guía* can interface with a variety of DGPS receivers making the unit versatile and custom made for your specific needs.

The *AG-NAV®2Guía* uses the popular *AG-NAV* software with full data logging that has proven user-friendly and successful in agriculture, forestry and mosquito application.

MAIN FEATURES



AGNAV®Guía Moving Map Display

- LIGHTWEIGHT DISPLAY WITH COLOR SCREEN AND KEYPAD CONTROLS
- FAST AND EASY PRE-CABLED INSTALLATION
- 5-10 Hz SUB-METER GPS RECEIVER
- WAAS - L BAND SATELLITE DIFFERENTIAL - COAST GUARD BEACON DIFFERENTIAL – RTK OPTION
- TRAINING & PLANNING SOFTWARE
- REAL-TIME VIEW OF OPERATIONS ON MOVING MAP
- SOLID STATE DATA STORAGE
- SIMPLE DATA UPLOAD/DOWNLOAD USING USB DEVICE
- POST-FLIGHT DATA REVIEW AND PRINT-OUT
- ALL PATTERN SELECTIONS
- MULTIPLE AREA GENERATION PLANNING OR “ON THE GO”
- AUTOMATIC MAP ROTATION
- FREE SOFTWARE UPDATES
- COMPREHENSIVE ONE-YEAR WARRANTY
- RELIABLE FACTORY SERVICE AND SUPPORT
- FIVE BOOM SECTION CONTROL
- AUTO STEERING
- GPS POSITION OFFSET
- MANUAL GPS POSITION CORRECTION
- PRODUCT LIST EDITING AND LOGIN



AG-NAV[®] Guía system on-board a ground machine

TECHNICAL SPECIFICATIONS

AG-NAV[®] Guía Moving Map Display (Computer Unit)

Processor:	VIA Eden ESP 300 MHz Power Processor
Data Storage:	Solid State hard drive 512MB (upgradeable to 2 GB)
Media Storage:	USB Drive for memory stick and USB 1.44MB FDD
I/O ports:	Serial RS 232(2), USB (2), Remote booms Switch – upgradeable 2 Serial ports and 2 USB ports
Display:	Full colour, sunlight readable, 6.5" diagonal LCD (165 mm)
Keypad:	Electrometric Tactile Keypad, 6 soft keys for direct program navigation, 3 control keys: On/Off, Brightness up/down
Power Supply:	10-30V DC
Operating Temp:	32F to 122F (0C to +50C)
Humidity:	5-95% (non-condensing)
Storage Temp:	-4F to 156F (-20C to 70C)
Dimensions:	7"W x 5.25" H x 1.5"D (17.90 W x 13.4 H x 3.8455 D cm)
Weight:	3.3 lb (1.5kg)

DIFFERENTIAL SIGNAL SOURCES

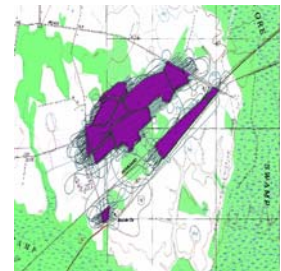
- Omnistar - World-wide L-Band satellite differential signal coverage
- Coast Guard beacon (where available)
- WAAS/EGNOS–Wide Area Augmentation System

SOFTWARE

- Real-time spray navigation program
- Pre-flight simulator and planning program
- Post-flight playback and print-out program
- File conversion programs for SHP & DXF
- Navvieww GIS compatible



Shape or DXF File



Spray Data

OPTIONAL LIGHT BARS

The Ag-Nav Guía Ground Navigation system has a built-in steering indicator or light bar, but it can be implemented to an external device such as the large Bright bar, small Bright bar, large Nav-bar, small Nav-bar, medium Nav-bar and Pilot Indicator.

Please see the Optional Steering Indicators brochure for more information.

NOTES: