TraxNav
Precision Navigation System

TRAX-NAV is the latest precision navigation instrument from AG-NAV. This system was designed for all types of aerial applications where DGPS sub-meter accuracy is required. TRAX-NAV is ideal for applications such as wildlife tracking and bait/trap setting.

TRAX-NAV displays precise navigational information to the pilot on an easy-to-read lightbar. TRAX-NAV displays and records flight path, drop locations and area boundaries on a compact Moving Map Display. This system also uses accurate positioning information from a DGPS receiver engine. The entire TRAX-NAV system is compact and lightweight, easily fitting into a carry-on flight bag.

TRAX-NAV allows drop area boundaries and locations to be pre-defined using a keyboard. The system can be used to navigate along grid-lines or record random drop locations. All flight path and drop location information is digitally recorded internally for recording, printing and verification purposes.

TRAX-NAV displays guidance information to the pilot on an internally or externally mounted light bar. Red and green LEDs are used to notify the Drop Master whether the aircraft is inside or outside a defined drop boundary.

Ask about the P-500 GPS Engine by AG-NAV for information regarding signals and accuracy.

SPECIFICATIONS:

Main
CPU: Intel Atom 1.6 GHZ
SATA Hard Drive: Flash 2 GB to 32 GB
RAM: 1GB
LCD Screen: 6.5” Full colour, sunlight readable, LED backlit

Communication
Serial: 4 x RS232 serial ports
USB (2.0): 2 x USB ports
Keypad: Electrometric tactile keypad, 6 soft keys for program navigation, 3 control keys: on/off, brightness, up/down

Other: Remote Boom Switch
Mechanical
Dimensions: 179 mm (W) x 134 mm (L) x 38.455 mm (H)
Material: Aluminum Alloy
Mount: Chassis mount bracket
Adjustable Ram Mount
Enclosure: Dust proof and splash proof
Weight: 1.5 kg
Power
Input Voltage: 10-30 VDC (Reverse Polarity Protected)
Operating Temp: 14 °F to 149 °F (-10 °C to +65 °C)