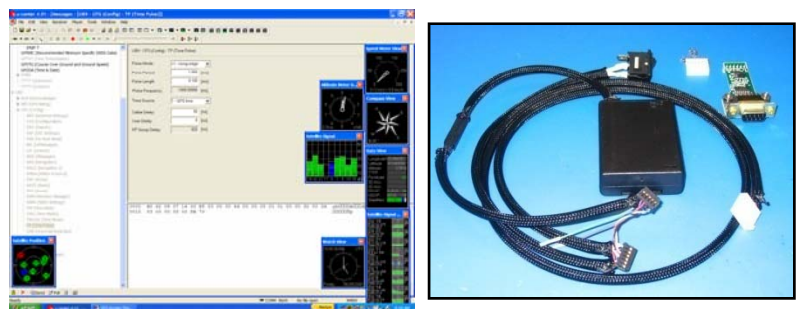
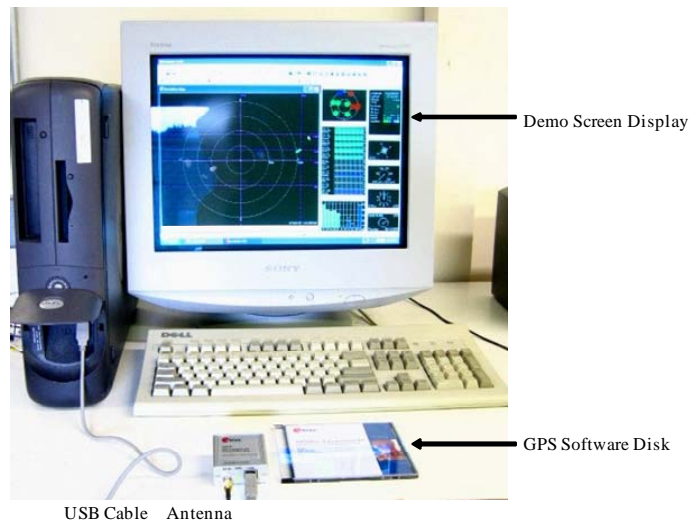


LANDMARK10 GPS/AHRS DEMO KIT



- Turn-Key Solution for LandMark10 GPS/AHRS on User's PC
- All Software, Cabling, Interface Connectors, Antenna Included and Ready for Use
- Easy Integration of Direct GPS and AHRS RS485 to PC's RS232 or USB Interface
- Extensive PC Display Software
- Data Record Capability - AHRS & GPS
- User Selectable Bandwidth Settings and Data Output Rate on AHRS
- User Selectable Units of Measure
- User Loading of Coefficients for System Optimization
- Self-Contained Power Supply with either Battery or User Supplied Power
- Battery Supply Has 12 Hours of Operating Life *Typical*
- Self-Test Capability
- Includes Active GPS Antenna, Battery Recharger and Universal Voltage Adapter



Gladiator Technologies, Inc.

Copyright © 2007 Gladiator Technologies, Inc.

Rev. Dec0107
SN: 100

LANDMARK10 GPS/AHRS DEMO KIT

LandMark10 GPS/AHRS DEMO Kit

LMRK10GPSA-DEMO-110

The LandMark 10 Demonstration Kit is an optional product to assist first time users of the LandMark10 in order to facilitate a rapid setup, test and use of the unit (P/N: LMRK10GPSA-DEMO-110). Please contact the factory or your local Gladiator Representative for in-country service and support at www.GladiatorTechnologies.com.

The LandMark 10 Demonstration Kit includes all cabling required to interface directly from the AHRS's RS485 interface to a PC's RS232 or USB interface as well as the GPS USB to a PC's USB or RS485 to PC's RS232 port. The converter cable includes battery powered power supply (there is also wiring on the cable to enable the user to supply their own +3.3V power) and a self-test switch. The battery power supply uses three 9 Volt AA batteries (included with shipment) and supplies user battery power on the GPS/AHRS for about 12 hours typical. PC display software is included which enables the user to display each channel of rate, acceleration, each axis' angle output, altitude and temperature as well as to monitor Self Test Pass parameters and magnetic calibration capability. In addition, the GPS display software has a variety of functions that are displayed and also recordable. The AHRS record data is in .CSV format and the GPS data record set is in UBX binary format (with NMEA) is also importable into Excel or other user database format. Many other features allow user selectable setting of the bandwidth filter, output data rate and units of measure.

Self Test is Active

User Defined Units of Measure

Data Record Capability and Select Data Rate

User Selectable :

- Bandwidth Filter
- Load Coefficients
- Zero Out Airspeed

Software Interface Features:

- Com Port Select
- Deviation Map
- Altitude
- Compass Heading
- Satellites in View
- UTC Clock
- Com Port Running

Parameter	Value
RollAng	-08.102 deg
PitchAng	51.623 deg
YawAng	231.50 deg
VelX	313.25 m/s
VelY	0.00000 m/s
VelZ	488.90 m/s
Altitude	457.00 m
AirSpd	0.00000 m/s
Temperature	23.643 C
Pressure	06.932 kPa
TempI	20.211 C
AccelX	5.2062 g/s
AccelY	4.8773 g/s
AccelZ	3.7916 g/s
GyroX	48.696 deg/s
GyroY	49.094 deg/s
GyroZ	47.606 deg/s
MagX	188.06 mill-gauss
MagY	6.8672 mill-gauss
MagZ	448.59 mill-gauss

Parameter	Value
RollAng	-0.20195 deg
PitchAng	1.7972 deg
YawAng	1.0145 deg
VelX	0.82031 m/s
VelY	0.00000 m/s
VelZ	30.648 m/s
Altitude	487.00 m
AirSpd	0.00000 m/s
Temperature	25.335 C

Specification subject to change without notice.



Gladiator Technologies, Inc.

Copyright © 2007 Gladiator Technologies, Inc.

Sold Through:

LKD Aerospace, Inc. Snoqualmie, WA 98065

Tel: (425) 396-0829 Fax: (425) 396-1129

Email: sales@gladiatortechnologies.com

Web: www.gladiatortechnologies.com

Rev. Dec0107

SN: 100