

Addendum

LandMark GPS Manual

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▲ Information for Allegro Field PC and GPS Expansion Pod Users

Currently, the Allegro Field Computer™ and the GPS expansion pod are not mentioned in the LandMark GPS™ manual. The manual was written with the assumption that you are using one of our LandMark GPS packages along with a Pro4000 or Pro2000 Field Computer™ or FieldBook™.



Allegro Field PC with GPS Expansion Pod

If you are using LandMark GPS software with an Allegro Field Computer and GPS expansion pod, please note the following information regarding the manual:

- Some of the information in Sections 1: Introduction, 2: Hardware Overview, and the Appendix does not apply
- Most of the information in Sections 3: LandMark GPS Software, 4: LandMark PC, and 5: Post-Processing does apply

Refer to the instructions that came with the antenna for the GPS expansion pod for details on how to set up the pod and use it with the Allegro Field PC.

▲ User Setup Screen Changes

The User Setup screen shown on page 3-10 and the Receiver Configuration screen shown on page 3-14 have changed. The new screens that match the most current version of the LandMark GPS software are shown below and on the following page. Refer to the User's Manual for a complete description of how to set up these screens.

User Setup Screen

```

User Setup
Units
  Altitude: meters
  Distance: meters
  Speed: meters/sec
  Coordinates: Lat/Lon

      Port  Prot  Baud  P
GPS    COM1  TSIP  9600  0
SENSOR COM2   NMEA  9600  N

Time Offset: -7

Data Path: C:\LM

HLP▼  MAP  INFO  DGPS  RECV

```

Most of the parameters on this screen have not changed. The following new options are available:

- 1) There are now three communication ports available for a GPS receiver: COM1, COM2, and COM3. The COM3 port is reserved for the Allegro GPS expansion pod.
- 2) There is now a parity setting (P) for the GPS and Sensor settings that can be set to none (N), even (E), or odd (O).
- 3) When you are setting up the Sensor parameters, disregard the protocol setting (Prot).

Receiver Configuration Screen

```

Receiver Configuration
Accuracy of Fix
Frequency of Fix
Low High
Fix Mode: Auto
Elevation Mask: 10
SNR Mask: 4
PDOP Mask: 8
PDOP Switch: 6
DGPS Mode: Auto
Altitude Ref: HAE
Rcvr Exit Status: Off
HLP MAP INFO USRS DGPS

```

The Receiver Configuration screen has a new setting: Altitude Reference. You can select from: height above ellipsoid (HAE) or mean sea level (MSL).

▲ For More Information

If you have any questions regarding LandMark GPS or the changes made to the software, contact our Customer Service Department.



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Rugged Field Computers and Mobile GIS/GPS

HarvestMaster Products for Agriculture 

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