

LandAirSea 3100-EXT

(External GPS Antenna)

Quick Start Guide

1. **ABOUT THE 3100-EXT WATER RESISTANCE** – Although we designed this unit to be quite water-resistant, please do not take this for granted. At all times, try to place the unit in a location that will not experience splashing water.
2. **KNOW HOW GPS WORKS.** The LandAirSea 3100 uses GPS to find its location. In order to lock onto the location, the GPS antenna must have a direct line of sight to 3 locations in the sky and these locations are changing constantly throughout the day. Make sure the antenna is attached and that no metal completely blocking this upward line of sight. GPS signals will go through plastic, glass, rubber, fiberglass, cloth material, or anything else not made of metal. The more metal obstructions that are above and around the GPS unit, the longer it will take to lock onto the location. Make sure you choose a good location to place the antenna for good results. **VERY IMPORTANT: THE BOTTOM OF THE GPS ANTENNA MUST BE MAGNETICALLY ATTACHED TO METAL FOR IT TO RECEIVE THE GPS SIGNALS.**
3. **TAKE A TEST DRIVE.** Take the unit for a test run with the GPS antenna on your vehicle's roof or hood (Always attach the magnet mount GPS antenna to metal). Whenever you flip the power switch on, it is considered a cold start. It can take 2 minutes or more for a cold start. If you leave the unit on, there will not be another cold start until you replace the batteries. **SO LEAVE THE UNIT ON.** After 3 minutes of inactivity, the unit will go into a very low power mode which will not drain the batteries.
4. For best results, use lithium AA batteries. Lithium AA batteries last 3 times longer than regular AA batteries. If you pick up the unit and the power light is off, then it is time to replace the batteries.
5. Install the software on your computer and choose the Typical Installation. This will install all of the maps on your computer. An icon will appear on your desktop called PastTrack. (Other icons may be installed which you can ignore). Run the PastTrack program.
6. Plug in the download cable from an available serial port on your computer to the tracking unit. Make sure the cable is **plugged in all the way to the unit** and the unit is powered on. Click on the button labeled with the number '3'. Click on the FIND button so the software can find the unit. Click download, type a name for the saved data and follow the on screen instructions.
7. After the data is downloaded a map will come up with the track of the vehicle. You can hit the "Play" button and watch the car move along the path. Refer to the manual for detailed software functions.

Technical support questions can be e-mailed to support@landairsea.com.

Full User's Guide and software updates can be found on the downloads page at www.landairsea.com