

## Installation Instructions



### Real Time Satellite Tracking System

Before you start your installation, there are a few things to think about.

First, think about where it makes sense to place the IriTrack® unit. Because its first role is to serve as a safety device, it makes sense to place the unit where it is easily within reach of the occupants while they are seated and secured in the seat belt system.

Second, the IriTrack® unit should be placed in a location where it will be least affected if the race vehicle crashes. The best place is centered on top of the dash panel, between the driver and co-driver.

Third, it should be visible to each occupant, with the front of the unit facing them. Keep in mind that there are a speaker and voice activated microphone contained in the unit. If you place the unit in a location that is too far away, the speaker may be difficult to hear or the microphone may not pick up voices.

#### Fixation Kit

The kit contains the following items:



*IriTrack® Mounting Bracket*



*Power Cables  
(Connectors, 3 Amp Fuse)*



*Thumb Screws & Heat Shrink Tube*

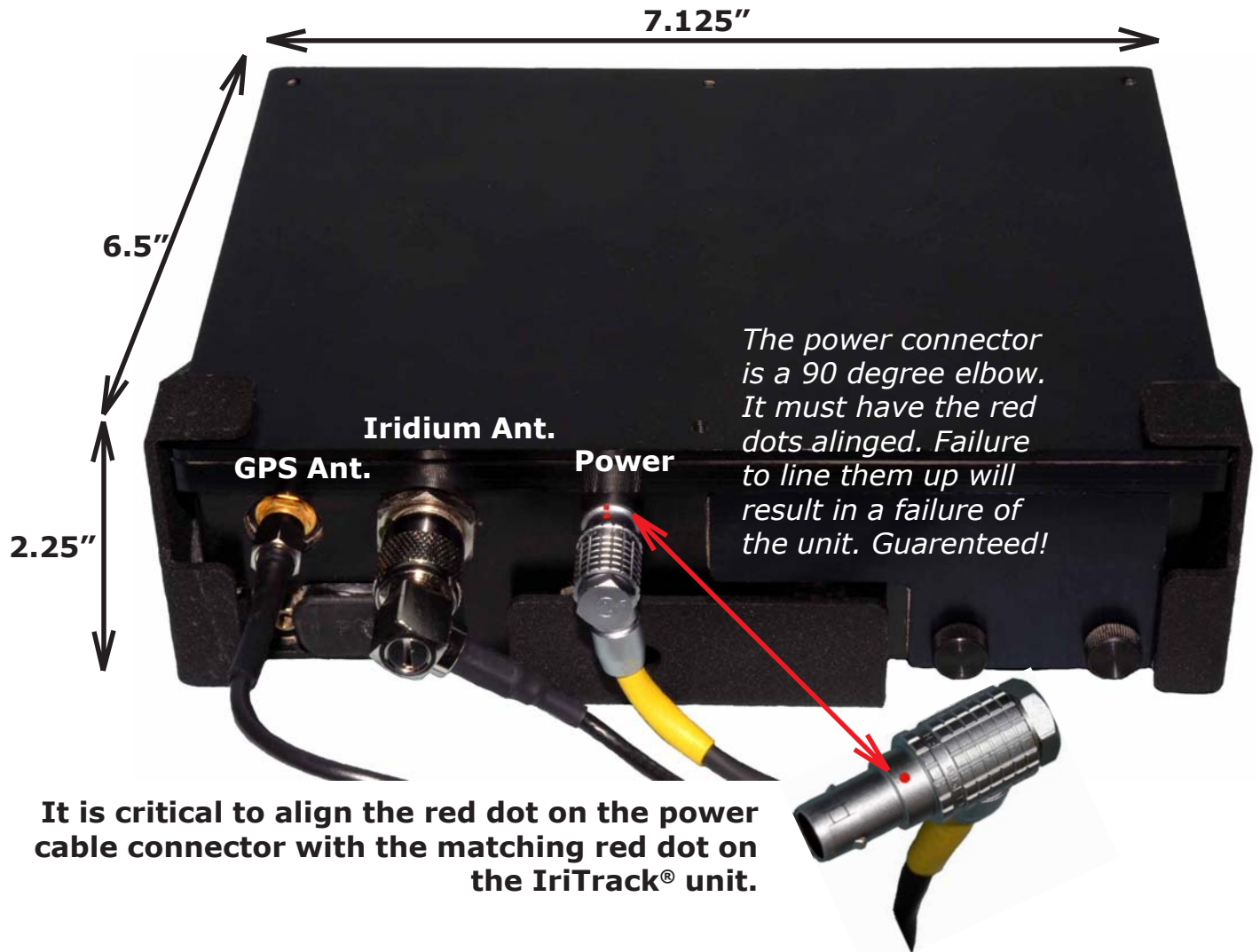


*Iridium Antenna*



*GPS Antenna*

**The Fixation Kit is a one time installation. These items are replaceable as needed.**



The IriTrack® unit is properly powered up and running when the "Power" light is glowing red, and the "Lock GPS" and "Lock Iridium" lights are glowing amber. If the lights are not on, 1st. check all power connections from the power source to the back of the unit. 2nd. check all of the antenna connections. 3rd. check to make certain the location of each of the antenna modules are clear of obstructions. They must have clear access to the sky.

The Iridium Antenna cable connects to the antenna module via a snap lock joint. It slides in by hand. Prior to making this connection, place the heat shrink tube over the two leads as shown. Connect the two leads. Apply moderate heat to the shrink tube until it is firmly clasping the two leads. The heat shrink tubing prevents the two leads from vibrating apart and forms a seal to block out silt and grit.



*Iridium Module Leads  
and Heat Shrink Tube*



*Iridium Module Leads connected  
with Heat Shrink Tube in place*



*GPS Module Leads  
Screw Fit Connection*



*Optimal Antenna  
Location Is A "No Crush Zone"*



*Placing The Antennas Next To  
Each Other Is Normal And  
Acceptable. It Will Not Affect  
The Performance Of The Unit*

If you follow these instructions and guidelines your IriTrack® installation should be simple and effective. We encourage you to give us a call if you run into a problem. In most cases, the fix for getting it in and connecting it correctly will come from using common sense and thinking how to do things with logic.