

### Tripod Top-mount Setup

For best performance, or in situations where side-mounting is not recommended, the Tripod Mount System also includes a top-mount configuration.

To setup the top-mount, extend the legs of the tripod with 5/8-11 mounting screw (user supplied). Screw the PDL LPB with antenna onto the top segment of the pole. Plug in the PLD LPB data/power cable. Insert the middle segment between the PDL LPB and the bottom segment of the pole. Place the supplied washer on the top of a tripod. Place the assembled mast on the washer, and tighten the tripod thumb screw until secure.

### **ANTENNA MOUNTING NOTES AND TIPS**

System performance and range is highly dependent on antenna location. The Tripod Mount System provides flexibility in mounting the antenna in a convenient, single-tripod system for shorter range applications. To get the most out of your system, we recommend using a separate tripod and the tripod-top mount configuration.

### **SAFETY INFORMATION**

Take care in setting up the tripod to make sure that the legs are firmly planted in the ground.

In extreme weather conditions, do not use the top-mount masts. Rather, mount the PDL LPB directly on top of the tripod.

The Tripod Mount System is not designed for permanent installation. Contact an antenna specialist for installation and equipment recommendations for permanent installations.

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# **TRIPOD MOUNTING SYSTEM**

## **USER'S MANUAL FOR A01291**



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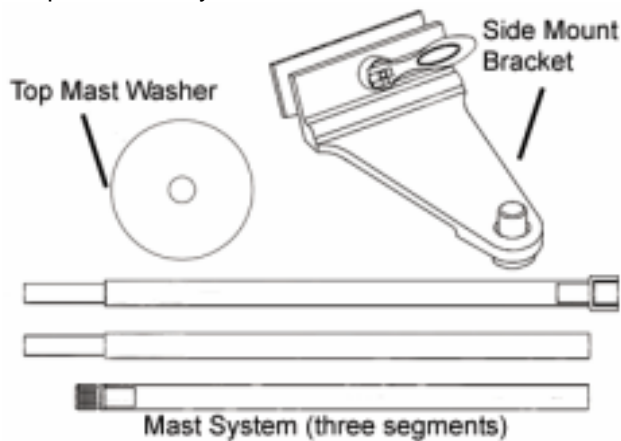
## GENERAL DESCRIPTION

The Tripod Mount System is designed to work with the PDL LPB radio modem used in GPS RTK and machine control applications. The kit provides a variety of configurations that are commonly used to get the best performance from your PDL LPB system. Please take a few moments to familiarize yourself with the Tripod Mount System by reading this guide completely.

## KIT CONTENTS

Tripod side-mount bracket  
Tripod mast system (three segments)  
Tripod top-mast washer

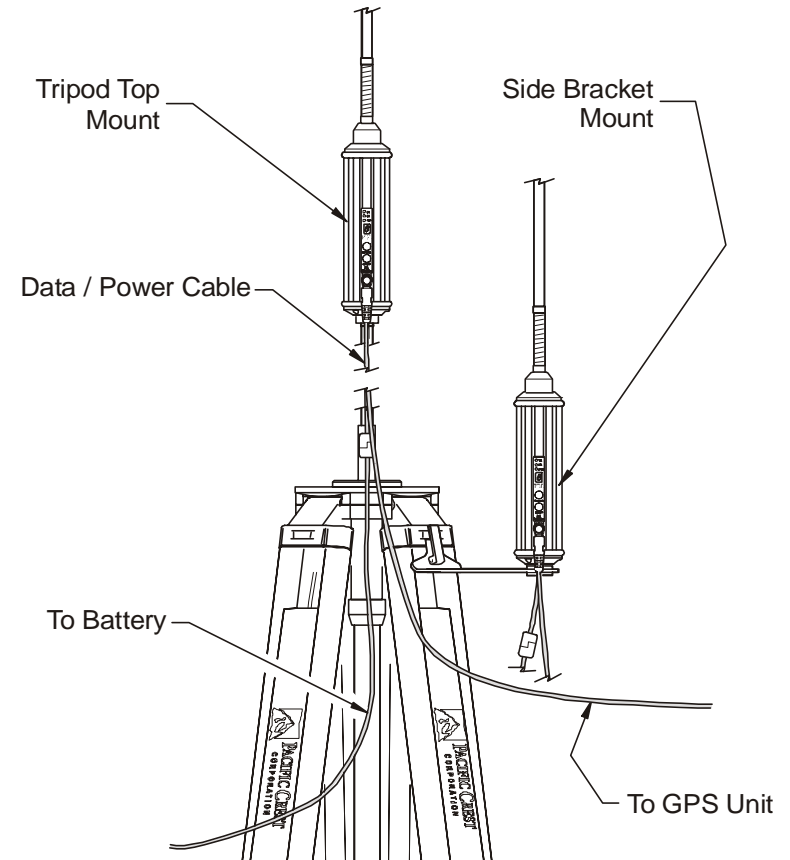
**Figure 1** – Tripod Mount System



## SETUP

### Tripod Side-mount Setup

The Tripod Mount System can be used to locate the PDL LPB on the same tripod that is used for the GPS antenna. Please contact your GPS RTK system manufacturer for information concerning the suitability of mounting the radio link on the same tripod as the GPS antenna. If this configuration is not supported, the side-mount can be used on a separate tripod as described below.



**Figure 2** – Tripod Mount System Configuration

To setup the side-mount bracket, extend the legs of the tripod (user supplied). Place the mounting flange through one of the legs of the tripod, and rotate it to be parallel with the ground. With the clamp handle pointing out, tighten the back-nut on the clamp until snug. Use the clamp handle to tightly secure the bracket to the tripod leg.

Next, fasten the PDL LPB to the bracket by tightening the thumb screw.