Trimble 4000 series - Trimble Support Notes

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Trimble 4000 series receiver support notes

The following support notes and descriptions are taken directly from the Trimble 4000 series support page.

- How to Set Up RTK with RTCM Messages on Your 4000 Series Receiver
  This TIP includes instructions on how to set up RTK using an RTCM data source on the 4000.

- Height Display Greater Than 4 Digist in Position Calculation Printouts
  The height field in the 4000 GPS receiver shows only 4 digits. How would a receiver in an airplane over 9,999 meters high be shown?

- What to Do When You Get the Message in Your 4000 Receiver: Memory or Memory Directory Is Full
  Sometimes when there seems to be plenty of memory left on the receiver to log data, the receiver refuses to start a survey. This TIP explains what to do when you try to log data with your 4000 Receiver and encounter the following message: Memory of memory directory is full.

- What to Do if You Get Error Messages When Updating Your 4000SSI Receiver Firmware Version 7.21 or Greater
  The three most common problems reported when updating the 400SSI receiver firmware version 7.21 and greater are: (1) the message, Gauss based receiver, do not attempt to upgrade, will be displayed; (2) the message, Update Not Authorized, will be displayed; and (3) your receiver will not respond to the UPDATE program, even though your serial numbers are in the Serial file. This TIP includes instructions for troubleshooting each of these problems.

- How to Do a Hard Reset on a Series 4000 Receiver
  If a Series 4000 receiver fails to acquire a new constellation, exhibits firmware anomalies, or exhibits a lockup, you will need to do a hard reset. Doing a hard reset will not affect any data that is stored in the receiver. This TIP includes instructions for doing a hard reset on a Series 4000 (DL2, DS, RL2, RS, SE, SI, SSE, SSI) receiver.

- How to Connect Your Pacific Crest Radio to Your Series 4000 Receiver and Configure the System Correctly
  If you have a Pacific Crest radio with model number RFM96W that you want to use with a Series 4000 receiver/Survey Controller, you may need instructions for connecting them and configuring the system correctly. This TIP includes a series of steps to help you troubleshoot any problems you may be having in connecting your Pacific Crest radio to your Series 4000 receiver and configuring the system correctly.

- How to Use Older and Newer Series 4000 Receivers Together

There are two different data formats that Series 4000 receivers can log data in, the Compact and Standard data formats. If data has been collected in the two different formats, you will not be able to process the data between the data in different formats. The data will have to be recollected. Note: If a mixture of both older and newer receivers are going to be used in a survey, before the survey is started, make sure the receivers will log data in the same data format, preferably the Compact format.

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