



## **Spatial Dual Trimble BD992 Firmware Downgrade V5.44 to V5.37**

1. Connect to your Spatial Dual unit with Spatial Dual Manager.
2. Download the special Spatial Dual GNSS Update firmware from the link below.  
[http://hq.advancednavigation.com.au/filesshare/spatial\\_dual\\_gnss\\_update.anfw](http://hq.advancednavigation.com.au/filesshare/spatial_dual_gnss_update.anfw)
3. Go into Tools → Firmware Update and update the Spatial Dual with the special firmware.
4. Go into Configuration → GPIOs and set the Auxiliary Tx and Auxiliary Rx functions to "GNSS Receiver Passthrough".
5. Go into Configuration → Baud Rates and set the Auxiliary baud rate to 115,200.
6. Disconnect and close Spatial Dual Manager.
7. Unplug the USB to RS232 cable from the primary port and connect it to the auxiliary port.
8. Download and run our Trimble utility from the link below.  
<http://hq.advancednavigation.com.au/filesshare/TrimbleUtility.jar>
9. Connect with the Trimble utility and ensure that the serial number appears in the top left of the window indicating a successful connection.
10. Download the new Trimble firmware from the link below.  
[https://hq.advancednavigation.com.au/filesshare/BD992\\_V537.timf](https://hq.advancednavigation.com.au/filesshare/BD992_V537.timf)
11. Click browse in the bottom right of the Trimble utility and select the Trimble firmware file.
12. **Once the update starts do not stop it!** Click update. The process will take around 2 hours.
13. After it is completed, reconnect to the primary port with Spatial Dual Manager and load the latest firmware available for download from the website at the link below.  
<https://www.advancednavigation.com.au/product/spatial-dual#software>