



Antenna Plus TAIP @ 9600 BAUD Configuration Instructions

Instructions for Configuring the TAIP @ 9600 BAUD

1. Plug AP-Navigator into USB port.
2. Open Antenna Plus Configuration Tool. (Configuration Tool is located in folder \Config Program\ on driver CD)
3. Click the drop-down box labeled Port. Choose the listed COM_ port from the menu. (The Configuration Tool will now scan the AP-Navigator and display which protocol it is programmed to at the bottom) Default: NMEA 4800-8-N-1
4. Now click the TAIP protocol and click the Program button. It will now program the antenna to TAIP 4800-8-N-1 (4800 baud)
5. Next you must open Hyper Terminal. Start>All Programs>Accessories>Communication> and then click Hyper Terminal. (Alternate way to start Hyper terminal: Start>Run> and type hypertrm.exe)
6. With Hyper Terminal open, you will have a dialogue box "Connection Description" In the NAME box type anything and click OK.
7. Now a dialogue box titled "Connect To" will pop up. The Connect Using drop-down box should already have the COM_ port for the AP-Navigator there, so click OK.
8. A "COM_ Properties" dialogue box will now pop up. There is five drop-down boxes. You will need to change the Bits Per Second to 4800. Now jump to the bottom to the Flow Control drop-down and change it to NONE. Do not change any of the other options. Click OK.
9. Hyper Terminal will now be connected and ready to accept commands. From this document, right-click and copy this command: >SPT9600,8,1,N< (Make sure to copy the entire command string, including the > at the beginning and end)
10. Back in Hyper Terminal, click EDIT in the top left and choose "Paste to Host"
11. Now click the second telephone icon to disconnect. Do not close out the program yet.
12. Up in the top left, click FILE and choose PROPERTIES. A dialogue box will pop up. Click the CONFIGURE button.
13. The "COM_ PROPERTIES" dialogue box comes up again. On the first option "Bits Per Second" drop down and choose 9600. Do not change anything else and click OK. Click OK on the other dialogue box still open.
14. Next click the first telephone icon to connect Hyper Terminal again.
15. Now we have to enter another command string. Do this just as last time, right-click and copy the command: >SRTSAVE_CONFIG< Then go to EDIT in Hyper Terminal and click "Paste to Host". It should now say RRTSAVE_CONFIG;*2F< in Hyper Terminal.
16. The AP-Navigator is now programmed to TAIP 9600 baud and ready to use. You can close out Hyper Terminal.
17. A good way to check to make sure the antenna is indeed correctly programmed is to use a program such as Trimble GPS Monitor and choose Initialize>Detect Receiver and check the TAIP box and start scan. If done right, it will find 9600-8-N-1 TAIP
18. Since the AP-Navigator is now changed to a non-default protocol, it will no longer be able to be changed via the Antenna Plus Configuration Tool and will need to be factory reset via IQ Reset Tool for future protocol changes.

For more information, please contact:

Preferred Communications
410 Central Avenue
Butner, NC 27509
Phone: 1-919-575-4600
Tollfree: 1-800-300-6020
Fax: 1-919-575-4633
www.satstar.com