

Setting up the PDL Base radio

1. Install the program PDL Config which can be downloaded from the Stadia Instruments Web site under Software .Install the program PC-CDU which is also on the Web Site, these programs will be used to find out which Frequency your system is transmitting and change or set the new unit to the correct frequency.
2. You need to find out the frequency that you are currently using for GPS communication. Connect the charger to your existing Hiper and connect the Hiper to your PC using the cable supplied with the units (silver Hirose adaptor to 9 pin serial), turn on the Hiper.
3. Start the program PC-CDU select the com port and baud rate of 38400 and select connect. The program connects to the Hiper and displays details of settings in the unit.
4. Select - Configuration –Radio – RFM96, Select port C and connect, the software will look at the radio values in the unit and display them. Make a note of the frequency which is displayed at the top left as the RF Channel example 0 (467.0500, 467.0500)
5. After noting the channel select disconnect, exit and then file – exit to exit the program.
6. Now you need to set the frequency in the new PDL Base radio. Connect the Hiper charger to the Y cable supplied and connect the Base radio and your PC, turn on the Base radio.
7. Start PDL Config and select the PDL icon in the top left corner, select serial port and set to the correct one normally com 1, Set capture method to Soft Break, now select Load
8. When it has loaded select frequencies and in channel 0 type in the values that you noted for example “467.0500” for both TX and RX, select the Radio tab and select channel 0 from the pull down list. Select Program from the buttons on the left hand side. After it has finished select exit.
9. The unit should be set and ready to go.