

Follow this procedure to load new software to PKT's:

- 1: Connect the PKT to the battery, 1s lipo.
- 2: Connect miniusb>USB cable between PKT and PC
- 3: Open the device manager on your PC and see which com-port that pops up when turning ON the PKT. (This Comport number shall be put after -Pcom in paragraph 10. Eg: -Pcom1 )
- 4: Copy the folder with avrdude to the root of any harddrive to simplify the process. Eg. C:
- 5: Copy the .hex file you will load to your PKT to the folder with the avrdude.exe file you just placed on c: -To simplify the writing in paragraph 11, you can also give a shorter name to this .hex file
- 6: Open CMD in windows. (start menu-> type cmd> press enter)
- 7: Type d: and press enter
- 8: Type cd avrdude and press enter (if the folder that contains avrdude.exe is called avrdude).
- 9: Now it should look like this in the CMD window D:/avrdude>
- 10: Type avrdude -pm1284p -cavr109 -Pcom -b115200 -V  
-Uflash:w:gpl\_pkt\_v3\_5\_5\_fc086\_hw3\_9\_at1284P.hex:a

This "gpl\_pkt\_v3\_5\_5\_fc086\_hw3\_9\_at1284P.hex" is the file to be loaded into the PKT. It should match the .hex file you placed in the folder where avrstudio is located (in paragraph 5)

- 12: Press and hold the right button on PKT, then press the left button. (now the bootloader is ready for 20 seconds / as long as the red led in the left lights)
- 13: Press enter in CMD window on the computer to load the new .hex file to your PKT.

You should now see that PKT loads the new software a few seconds and then it says done in the CMD window.

cd = change directory (write cd  
dir = display / show the files or folders in the directory