



Updating ProMark2 Receiver Firmware

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1. With your ProMark2 receiver turned off, press the NAV/SURV button and the power button simultaneously for a full second. You will see a small box with two zeroes .
2. Press the up arrow twice to increment the zero on the right to "2." Press the left arrow and then increment the zero on the left to "3." With "32" in the box, press the ENTER button. You will see a warning message asking you if you want to "Clear All Memory?" With the Yes option highlighted, press ENTER. The receiver will turn off.
3. Turn on the receiver and select the language you wish to use.
4. On the Mode screen, select "Navigate" and press ENTER.
5. Press ENTER to accept the agreement screen.
6. Press ESC when you see the Initialization screen. You will do this later.
7. Press the MENU button and select the Setup option.
8. Select the Baud Rate option and set the rate to 19200.
9. Press the NAV button a number of times until you see the GPS Status screen. If the Power display shows less than one-third charge, turn off the receiver and put in fresh batteries and turn the receiver on. As before, you do not need to initialize the receiver just yet.
10. Attach the ProMark2 receiver to your PC's 9-pin serial port using the receiver's data cable. If your PC does not have a serial port, attach a serial-to-USB adaptor (for which you have installed the proper driver) to the data cable.
11. Turn off all applications on your PC that reserve COM1 for their exclusive use. Some PDA data communications software such as Microsoft ActiveSync can prevent communication on COM1 even if they are not running. To make sure COM1 is open, right-click on the communications software's icon on Window's menu bar and turn off any communication settings that allow serial communications.
12. Make sure that the MAGUP.EXE, magup.ini and the firmware hex files are all in the same directory on your PC. The latest versions of all of these files are available free of charge from <ftp.thalesnavigation.com> in the /firmware/ProMark2/ folder. The name of the hex file MUST match the name of the code in the magup.ini file. Therefore, do not use an old version of magup.ini with a new firmware hex file.
13. Launch MAGUP.EXE, answer "Yes" to the first question and wait about 5 minutes for the updated receiver software to load. It is important that you do NOT press the Cancel button or loosen the data cable once the uploading has begun.
14. When the software has finished loading, MAGUP will tell you "Upload of CODE Complete." Click the OK button and then close MAGUP.EXE by clicking on the cross in the corner of the window.
15. Turn off MAGUP.EXE.
16. On your receiver, press the MENU button, select the Setup option and then the Initialization option. Initialize the receiver.