

Updating MobileMapper Pro receiver firmware from version 5.00 to the latest version

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Note: if you are MobileMapper Pro receiver has version 5.00 in it, you cannot upgrade directly from this version to the latest version. You must first upgrade from version 5.00 to version 6.00. Then you must upgrade from version 6.00 to the latest version.

A. Upgrade from version 5.00 to version 6.00

1. Attach the MobileMapper receiver to the PC's COM1 (serial) port using the data cable. Do not attempt to upload MobileMapper receiver firmware to a Meridian receiver. MobileMapper software is incompatible with the Meridian receiver and attempting to upload it will render the Meridian inoperable.
2. *If you have already transferred files between the MobileMapper receiver and the PC, you may ignore this step.* Turn off all applications on your PC that may have reserved COM1 for their exclusive use. ActiveSync and other PDA communications software will 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 (bottom right of screen). For ActiveSync, select "Communication Settings" on the pop-up window and make sure that the box labeled "Allow serial cable..." is unchecked. Similar synchronization applications for Palm and Handspring products have similar options. Turn them all off.
3. Turn on the MobileMapper receiver, press the MENU button Menu>Setup and select the Clear Memory option.
4. Select "All" and press the Enter button.
5. Highlight "Yes" on the "Clear All?" warning message and press ENTER. The receiver will turn off.
6. Turn the receiver on again and press enter until you see the Language Selection screen. Select the language you wish to use and press Enter. Then press Enter again to accept the agreement on the agreement screen.
7. You should now see the "Receiver is not initialized" message. Press ESC. (You still do not need to initialize.)
8. *The following step is optional, but it will speed the process.* Press Menu>Setup>Baud Rate and change the Baud rate from the default value (4800) to 19,200 bps. This is the maximum Baud rate at which MAGUP will operate.
9. Make sure that the MAGUP.EXE, magup.ini and MAPPER.hex files are in the same directory on your PC. All of these files are available from the file called "updating_from_MM500-to-MM600.zip" found on ftp.thalesnavigation.com in the \Mobile Mapping\MM Pro\Firmware\ folder. **Note: you must use of the version of MAGUP found in this zip file. This version is dated December 17, 2002. MobileMapper Pro firmware version 6.00 is dated 3/26/2002.**
10. Launch MAGUP.EXE and answer "Yes" to the first question.

11. You will then see a warning message saying: “mapper.hex does not appear to contain code for the Color Meridian. THIS COULD RENDER THE UNIT INOPERABLE!” Ignore this warning, click on “Continue” and wait approximately 5 minutes for the updated receiver firmware to load. It is important that you do NOT press the Cancel button once the uploading has begun.
12. When the software has finished loading, you will see on your PC the message “Upload of CODE Complete.” Click the OK button and close MAGUP.EXE. MobileMapper Office will not be able to communicate with the receiver via the data cable if MAGUP.exe is left running.

B. Upgrade from version 6.00 to the latest version

1. Go to ftp.thalesnavigation.com and download “MM656.zip” (or a higher version) from the \Mobile Mapping\MM Pro\Firmware\ folder.
2. Follow the instructions found in the document titled "Updating MM Pro Firmware.pdf." Note: you must now use the newer version of MAGUP.exe that is found in the latest zip file, e.g. MM656.zip.

C. Upgrade to the latest version of MobileMapper Office

1. If you have not done so already, please uninstall any earlier version of MobileMapper Office and install the latest version available on ftp.thalesnavigation.com in the \Mobile Mapping\MM Office\Software\ folder.