

# Upgrading the Mountbatten Boot Loader

This process works for all MB25 Mountbattens with USB port and a D revision mainboard. It works for Writer+, Pro and LS.

## Requirements:

1. The latest version of the file UserBootLoad.hex
2. MB with USB cable
3. The latest version of MB-Comm

The latest versions of both MB-Comm and the Boot Loader can be found here:

<http://www.mountbattenbraille.com/support/mbfirmware.htm>

Please don't pass this link to your users, as we might not be able to support any of your users who unfortunately render their MB unusable from faulty software loads.

## Procedure:

1. Make sure both MB-Comm and the MB USB drivers are installed and working.
2. Switch on the MB in normal mode – DON'T change the program switch underneath.
3. Connect the USB cable; the LS should say "USB Connected".
4. On the MB enter the following command: BLOAD: Press the Command key, then type b l o a d and then press the Enter key.
5. Start MB-Comm. Select the USB COM port and just check the settings first to make sure the bit rate is 115000.
6. Click connect on MB-Comm to connect.
7. Select the blue disk icon (or use the MB-Comm file menu) and select the UserBootLoad.hex file. This will download and update the bootloader. The erase takes about 90 seconds, so be patient.
8. When finished, disconnect MB-Comm, remove the USB cable and close MB-Comm.
9. Switch the MB off and then start with a hard reset to start with the new bootloader

You can now go ahead with software updates.