

Knowledge Base Article

Product Group: Microlog

Product: Microlog AX (CMXA 80)

Version: N/A

Abstract

This article gives instructions on how to load the SKF Microlog AX 80 firmware from a SD card when a connection via USB is not possible.

Overview

The procedure to load AX firmware from a SD card is as follows:

1. From a computer, run the file **Microlog_OS_Loader_vX.XX.XXXX.msi** contained in the AX Firmware download file to install the Microlog OS Loader program.
2. Once the Microlog OS Loader has been installed, locate the following files in C:\Program Files\SKF\Microlog OS Loader\
 - MOBM_BC.NBO
 - EBOOT.NBO
 - NK.BIN
3. Copy the three files above onto the SD card.
4. With the Microlog powered OFF, unscrew the battery cover on the back of the unit by turning the four quick-release screws a quarter-turn, counter-clockwise. Carefully move the battery out of the way, however, do not disconnect the battery. The reset button is located in the lower right corner inside the battery compartment.
5. Press and hold the left and right arrow keys on the AX. While continuing to hold both arrow keys, press and then release the reset button with a paper clip or similar tool. [Figure 5] Do not release the arrow keys until the Utilities menu appears on the Microlog screen.

SDHC cards will not work with the Engineering Menu Bootloader program. A standard SD card must be used.

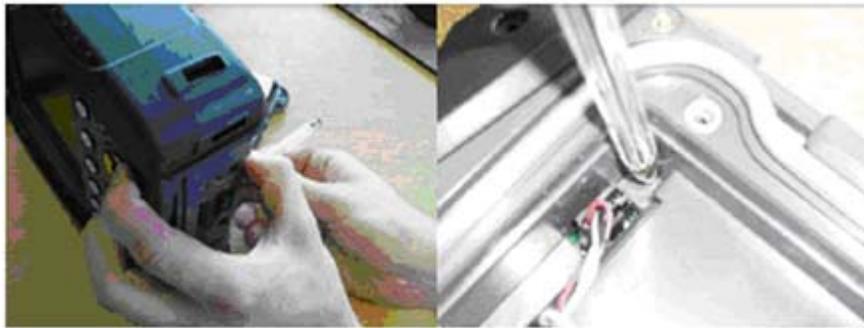


Figure 1. Resetting the unit

6. After the unit reboots, the **ENGINEERING MENU** (Utilities Menu) will appear. [Figure 2]



Figure 2. Utilities Menu

7. Select option **2. Upgrade from SD Card**.
8. Now, **Update Eboot**. This process will be very fast.
9. Boot up the AX Microlog again (reference steps 4 and 5). In the **ENGINEERING MENU**, choose option **2. Upgrade from SD Card** once again.
10. Next, **Update MOB**. This process will also be very fast.
11. Boot up the AX Microlog again (reference steps 4 and 5). In the **ENGINEERING MENU**, choose the option **2. Upgrade from SD Card** once again.
12. Finally, **Update OS**. This process will take more time to complete than the previous updates completed in steps 8 and 10.

13. Once complete, boot up the AX Microlog again one last time (reference steps 4 and 5). Finally, in the ENGINEERING MENU, choose the option **1. Force Clean Reboot.**

The procedure is now complete. The Microlog firmware version can be verified by selecting **[About]** from the main menu.

For further assistance, please contact the Technical Support Group by phone at 1-800-523-7514 option 8, or by email at tsg-americas@skf.com.

