

Myomonitor IV Software Update Procedure

This document describes the procedures for updating the software image of the Myomonitor IV. Image updates may occasionally be needed to install new features, to improved functionality and/or performance, and to resolve software bugs. The design of the Myomonitor IV allows the software image to be upgraded in the field. In order to do this, the device must be partially disassembled, and new image must be available on a compact flash medium. The process takes about 30 minutes to complete.



Delsys recommends that the software image update be performed by authorized technicians. Do not perform this procedure unless you have fully understood the instructions in this document, and you are confident in your abilities to perform them. By electing to perform this procedure you accept responsibility for any ensuing damage to the device and for any modification of its performance, efficiency or function.



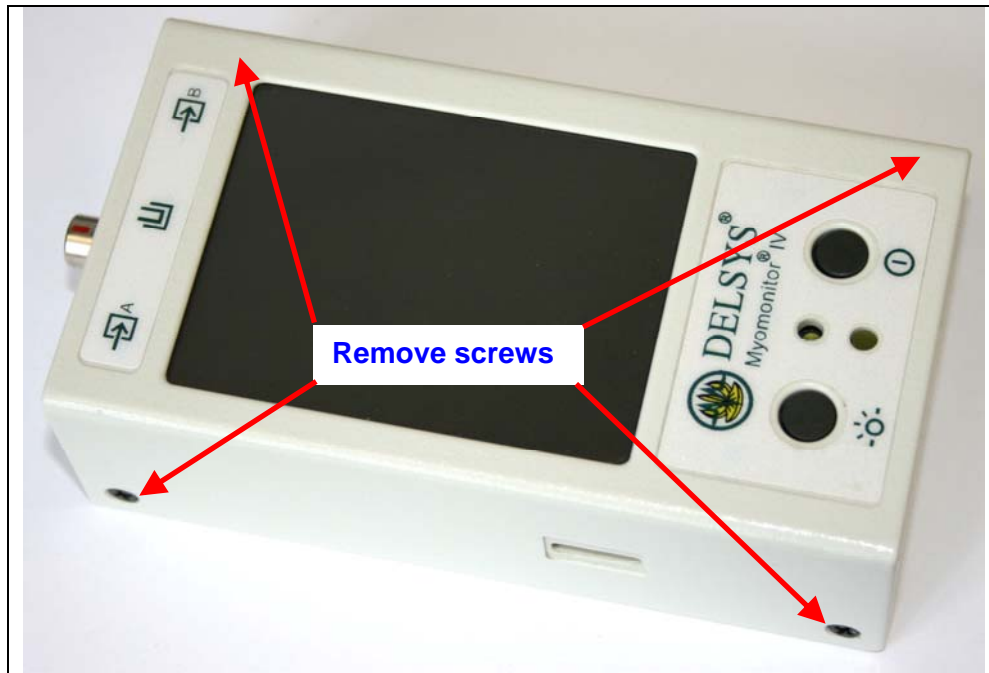
Electronic devices are very sensitive to static electricity. Even small static discharges can permanently damage some devices. Be sure to discharge yourself by touching a grounded enclosure or structure prior to proceeding. The use of a ground strap, if available, is advised.

Tools Needed:

- Phillips screwdriver
- Compact Flash card with image update

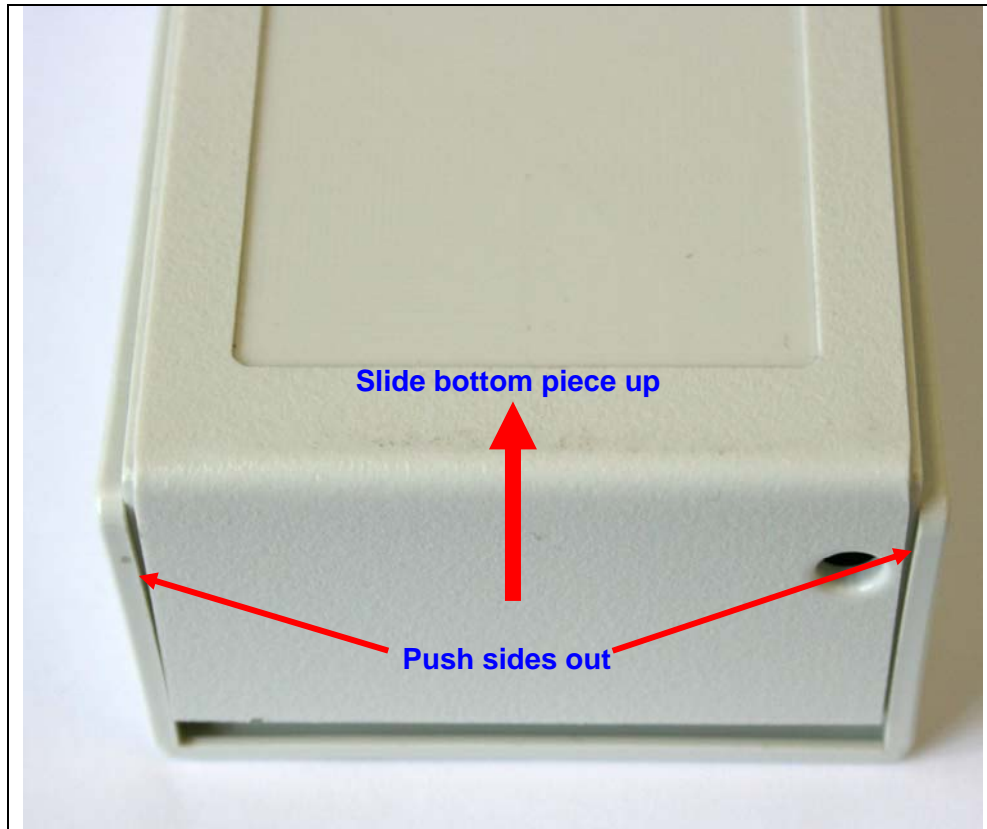
Step 1: Make sure the docking module is disconnected from the main unit and remove the stylus from its slot.

Step 2: Use a Phillips screwdriver to remove the fasteners from the four corners of the device.



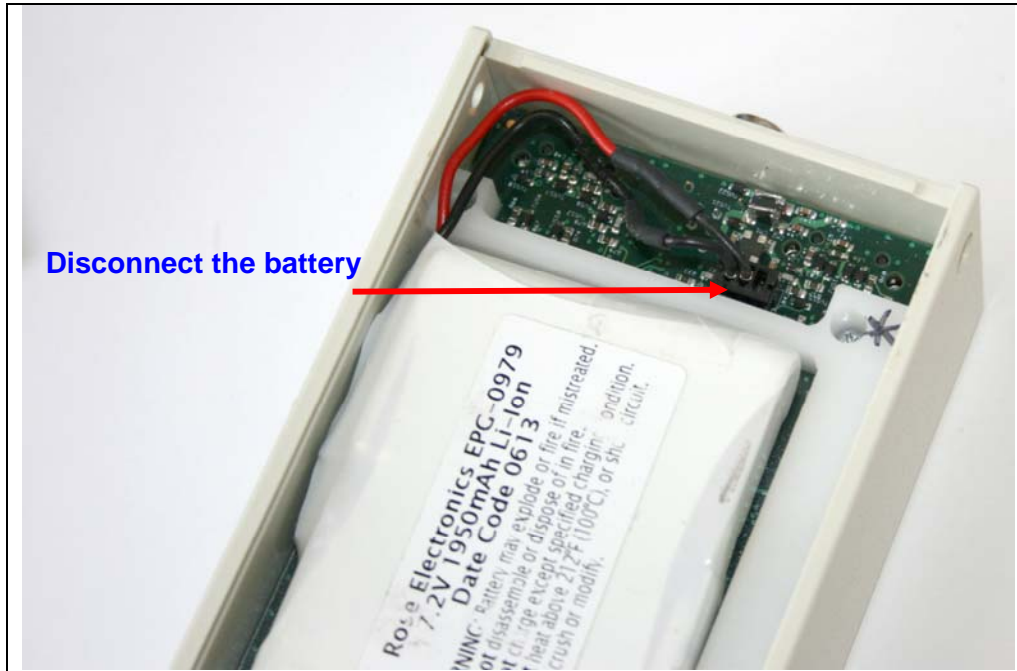
Step 2: Remove the screws from the four corners of the device.

Step 3: Remove the enclosure bottom. Gently push the enclosure sides apart while removing bottom piece.



Step 3: Remove enclosure bottom piece. Slide bottom piece up while gently pushing the enclosure sides apart.

Step 4: Disconnect and remove Battery from the device.



Step 4: Disconnect and remove the battery.

Step 5: Remove the WiFi card.



Step 5: Remove the WiFi card by gently pulling the tab as indicated in the figure.

Step 6: Insert the compact flash memory card. **Note** if you didn't receive the compact flash card from Delsys please refer to the appendix for instructions on how to prepare the card.



Step 6: Insert the compact flash memory card. Note the orientation of the card. The side shown in the figure is the front side of the card. Press firmly on the card to ensure that it is fully inserted.

- Step 7: Turn the device over, and connect power with the Docking Module and Power Supply. The screen will be blank but lit once the power is connected.
- Step 8: Restart the device by depressing the reset button with the stylus. The Myomonitor will begin to update the software. The screen will stay lit but blank during the update process.
The update may take up to 5 minutes.
- Step 9: When the device is finished updating, the stylus calibration screen will show. **Note:** if the calibration screen does not appear in 5 minutes, make sure the compact flash card is fully inserted and repeat Step 8.
- Step 10: Turn off the device using the power button, and unplug the device from the Docking Module.
- Step 11: Remove the compact flash memory card by pulling the tab.
- Step 12: Connect to power with the Docking Module and Power Supply, calibrate the screen and verify that the previously installed software has been replaced with the new version. Version information is displayed for a few seconds on the “splash” screen when starting the Myomonitor. The splash screen can be manually displayed by double-tapping on the “i” icon in the system tray at the bottom of the screen. If version is incorrect please go back to step 6 and repeat the programming process.
- Step 13: Turn off the device using the power button, and unplug the device from the Docking Module.
- Step 14: Reinsert the WiFi card (See step 5 figure for orientation of the card).
BE SURE THE CARD IS INSERTED AS FAR IN AS POSSIBLE.
- Step 15: Reconnect the battery. The device will turn on if the battery is charged. Slide the bottom enclosure in place and secure it with the fasteners. Take special care to make sure that the wires and the tab don't get pinched between the two enclosure parts.

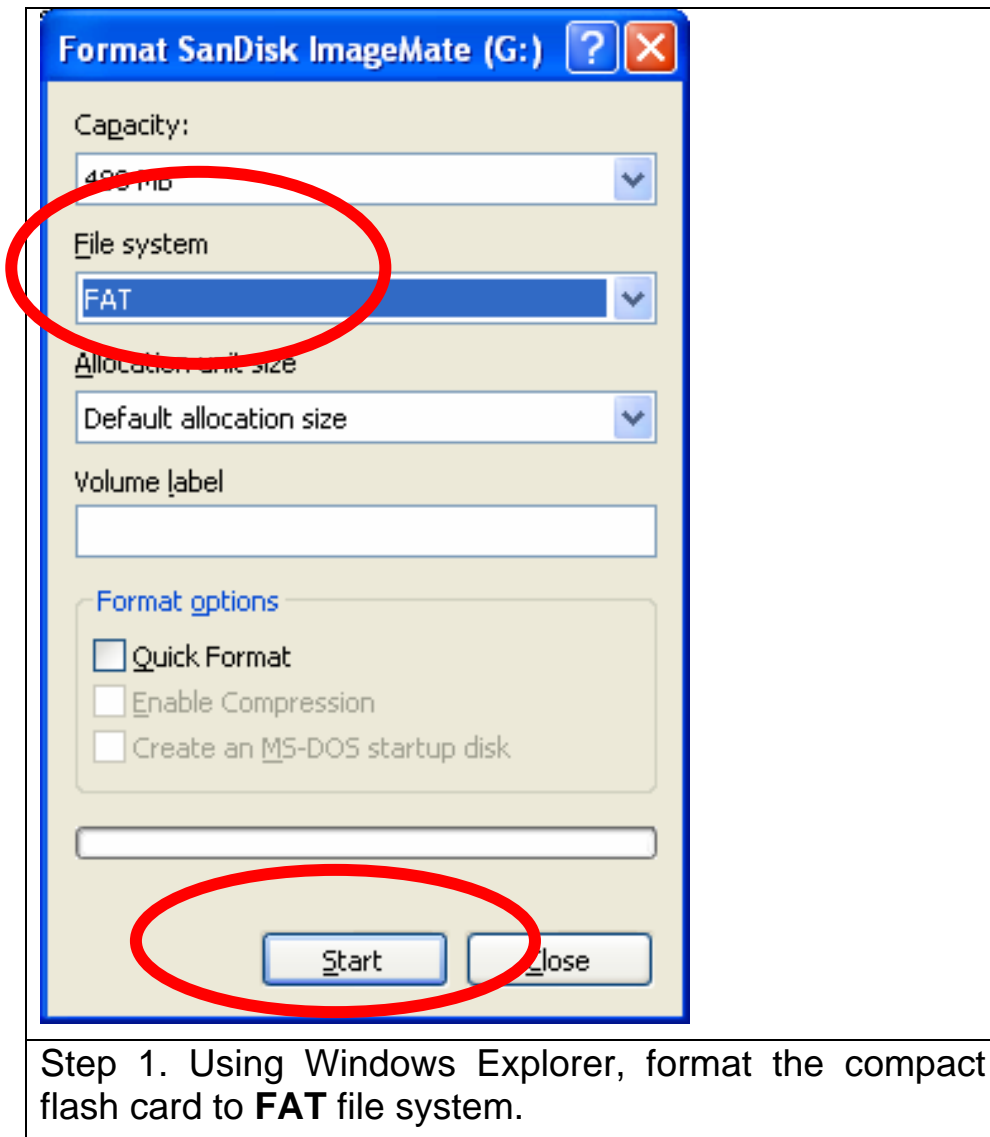
APPENDIX I: Compact Flash Card Preparation

This section describes how to prepare the compact flash memory card by downloading the software image from the Delsys website. Please refer to this section if you do not have a compact flash card prepared for you by Delsys Inc.

Requirements:

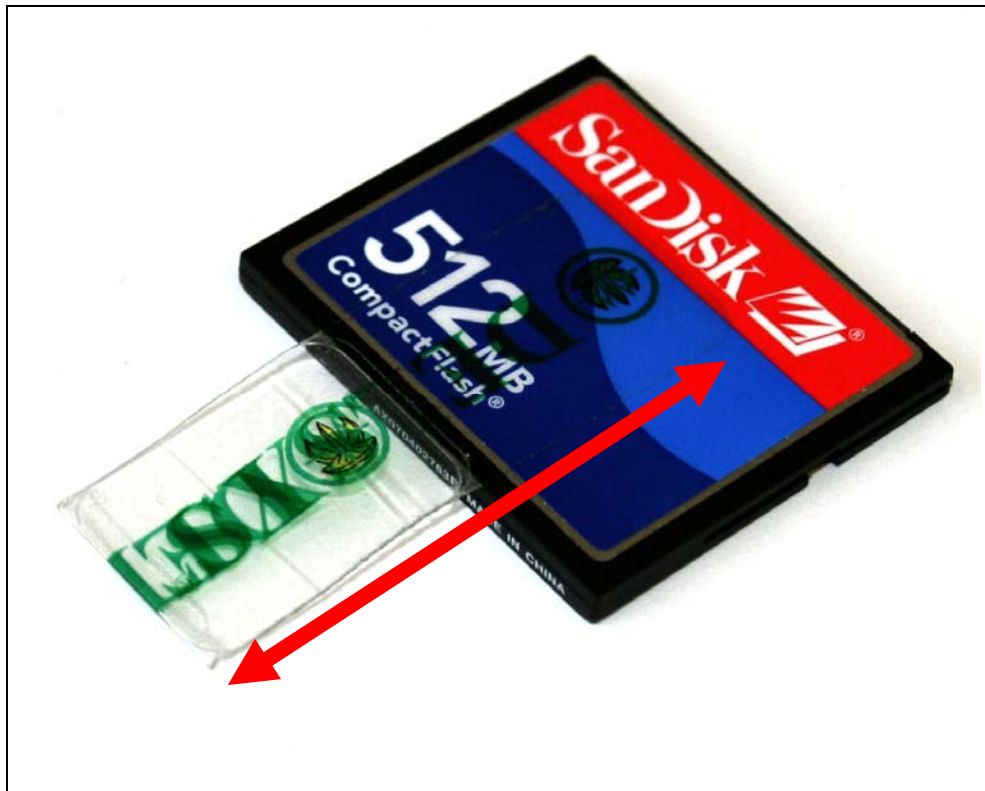
- 32 MB or larger compact flash memory card
- Software image files from Delsys

Step 1. Format the compact flash card by selecting the “Format...:” option from the “right click” menu. Select the **FAT** file format.



Step 1. Using Windows Explorer, format the compact flash card to **FAT** file system.

- Step 2. Copy the two files: **NK.nb0** and **MANIFEST.TXT** to the compact flash card.
- Step 3. To facilitate card removal when programming is complete, attach a piece of heavy-duty tape to the card. Alternatively 2 to 3 layers of light tape can be used.



Step 3. Attach a piece of tape to the card so that it extends about one inch from the card. The tape should be applied on the top side of the card