

2 June 2005

SD-33 CARD INSTRUCTIONS

(These instructions are also found as a .txt file on the SD-33 card, in the "2577" folder)

1. Prepare the SD-33 Card for Use

Unpack the card by removing it from the plastic envelope and the plastic clamshell "card saver". That's it. The card is ready!

2. Prepare the IE-33 for the SD Card

Remove the iPAQ from the IE-33 Jacket. Just slide the iPAQ (the silver part of the package) up and out of the Jacket (the black part of the package).

3. Remove the SD Plastic Insert from the Top of the iPAQ

Push down on the black plastic "place holder" insert and a spring will then pop it partway up. Just pull it out the rest of the way.

4. Do a "Soft Reset" of your iPAQ

This is the "hard" part. Find the little hole in the bottom of the iPAQ to the right of the charging/Active Sync port. It's just the right size to accept the tip of the iPAQ stylus. Insert the tip of the stylus in the hole and press it lightly but firmly into the hole for about a second. The reset will start and be done in about ten seconds. (Don't worry, you will not lose any data by performing a soft reset!)

5. Use the SD-33 to Update / Install the Software

Make sure the iPAQ is turned on. Insert the SD-33 (it will only go in one way) and press it down all the way. It will latch in place. In a few seconds the auto-install function will start.

That's it. Your done!

Background and Detail (stuff you don't have to know, but might find interesting):

Your SD-33 contains a file folder called "2577". In that folder are two files. The "autorun.exe" file simply starts the process and keeps track of things during the install. The "Autorun_IE33.CAB" file actually does the "work" of installing the software. All you have to do is insert the SD-33 into your iPAQ and you can then re-install your IE-33 software.

The rest of the SD-33 is empty and ready for storage of .ivi data files (measurements you've saved from the IE-33) or any other files. The SD-33 is "non-volatile" storage, which means that a) it is safe from battery failure or other system problems on your iPAQ, and b) it is "transportable." You can remove it from your iPAQ and put it away for safe-keeping, transport it to another PDA, copy the files to your PC, or whatever you'd like.

Keeping your SD-33 inserted in the iPAQ is just fine. If you keep the SD-33 inserted in your iPAQ it will just act as a storage card. It will only auto-install the IE-33 software if you remove it and re-insert it into the iPAQ.

If you insert the SD-33 into an iPAQ that already has the IE-33 software installed, you'll be given a choice to either install the software from the SD-33 or "Cancel" and not install the software. If you insert the SD-33 into an iPAQ that does not have IE-33 software, the IE-33 software will be automatically installed.

You can use the SD-33 to restore the IE-33 software to a unit that has dead batteries, OR you can use the SD-33 to update your SD-33 software.

Note: If you are installing the IE-33 software onto an iPAQ that has never had the software installed, or updating an IE-33 software version on your iPAQ earlier than v. 5.9, you will have re-insert the Calibration Constant in the software. This is easily done by consulting the paperwork that came with your IE-33, or follow instructions 6, 7, and 8 in the document at: <http://www.ivie.com/pdf/CAB%20Security%20Instructions.pdf>

When a new release version of the IE-33 software is announced an update with instructions on how to install it become available on Ivie's web site. Just copy it into the "2577" folder on your SD card. That's all you'll have to do. Then, just insert the card again and your software will be upgraded.

Troubleshooting Tip # 1: If you repeatedly insert the SD-33 into your iPAQ (with the iPAQ turned on) and the auto-install will not start up, check the sliding "Lock" tab on the side of the SD card. If it is in the "Lock" position the auto-install will not start. Just slide the tab down to the "Unlock" position and insert the card again.

Troubleshooting Tip # 2: If you try to load a spectrum file directly from an SD card into an IE-33 memory and you get an "invalid spectrum" error message, you can copy the file in question via the IE-33's "File Explorer" application from your SD card to your iPAQ main memory and the IE-33 should read it correctly. Some iPAQ/SD card combinations have a timing issue which makes reading a file directly from the card into the IE-33 occasionally unreliable.

As always, if you have any question or need help, a friendly voice can be found at the number below.