

## FIRMWARE UPDATE PROCEDURE

MFJ will provide access to firmware updates as they become available. Your MFJ-226 may be updated via the USB interface with the following procedure:

- ◆ Install fresh batteries before attempting the download. It is important to maintain operating power during the transfer.
- ◆ Do not turn power off or remove the batteries at any time during the firmware update.

Your PC must be running a reasonably current version of Windows to perform the update. Note the DOS version of the update.exe only uses COM ports 1-9.

To initiate:

- ◆ Download the Firmware update and the Firmware Update Program. Put them in a directory that will be easy to get to.
- ◆ Extract the update.exe from the zip file and put it in this directory. When finished there should be the firmware.enc and update.exe in this directory along with the zip file.
- ◆ On the PC, Click on the RUN command and type CMD in the command line.
- ◆ In the Command Line Box using the DOS commands change the directory to the directory where the files were saved.
- ◆ Put the MFJ-226 into update mode by pressing and holding the analyzer's *Mode* key and press the boot key to turn on the analyzer. A "Firmware Update" message will appear on the LCD screen.
- ◆ Plug in the USB cable to link up with the PC.
- ◆ Find out which USB emulated COM port is connected by checking:  
Control Panel/System/Hardware/Device Manage
- ◆ Confirm that the MFJ-226 LCD screen is displaying "Firmware Update"
- ◆ Set up the following command:  
update firmware.ENC -COMx -115200  
where firmware.ENC is the actual name of the firmware file and  
x is the actual COM port in use.

For example if the firmware update file is "MFJ-226V01R02.ENC" and the MFJ-226 is connected to COM3 then enter

"update MFJ-226V01R02.ENC -COM3 -115200"

- ◆ The program will start, indicate the progress, then tell you when it is finished.
- ◆ The MFJ-226 will power off and you can disconnect the cable and close the DOS box.
- ◆ The firmware version can be checked in the SETTINGS INFO section.