FIRMWARE UPLOAD INSTRUCTIONS

- How to check the current firmware version number on a MOJO

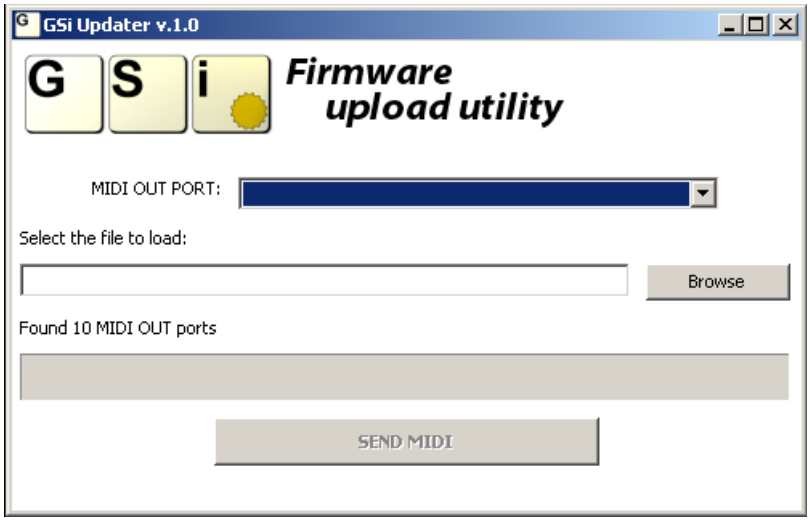
When the instrument is turned on, pay attention to the 14 preset LEDs: the leftmost row (upper presets) will tell you the integer part of the version number (ex. 1.*), and the rightmost row tells you the decimal part of the version number (*.4). So, for example, if you have version 1.4 installed, the LEDs that will turn on and off for a second will be: UPPER 1 and LOWER 4.

- Uploading a new firmware

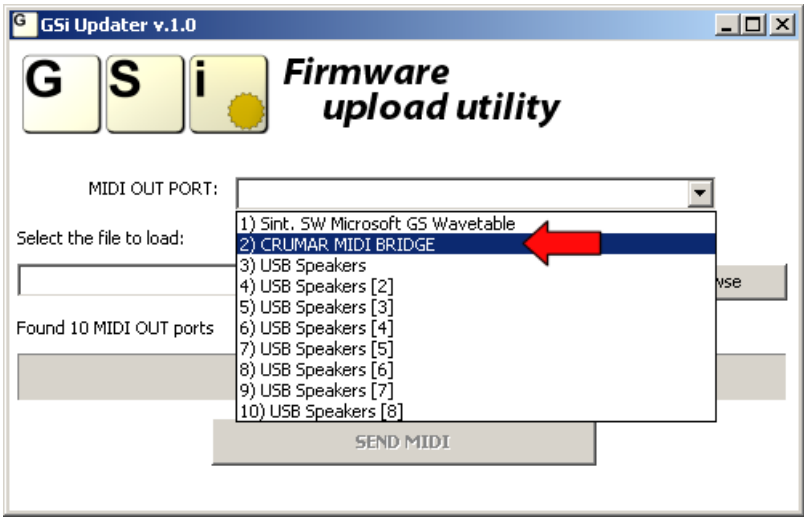
Step one. Download the latest firmware update from **www.Crumar.it** (find it in the Support page).

Step two. Connect the MIDI OUTPUT from your MIDI interface to the MIDI INPUT of the MOJO.

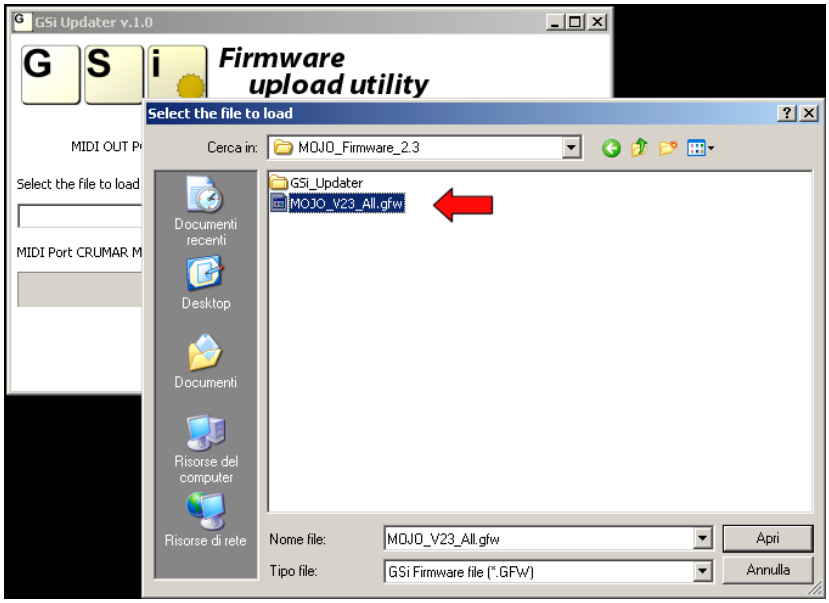
Step three. Start the program called "GSi Updater" that you find in the zip file you've just downloaded. There are both the Windows and the Mac versions, each in its own directory, you can't go wrong. It's just an executable, double click on its icon to run it. You can copy this program onto your computer for future uses.



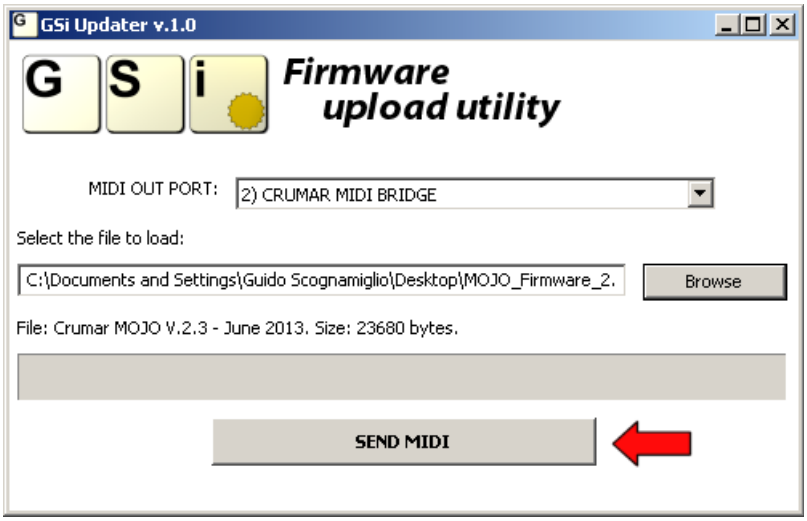
Step four. Select the MIDI OUTPUT port that you've connected to the MOJO.



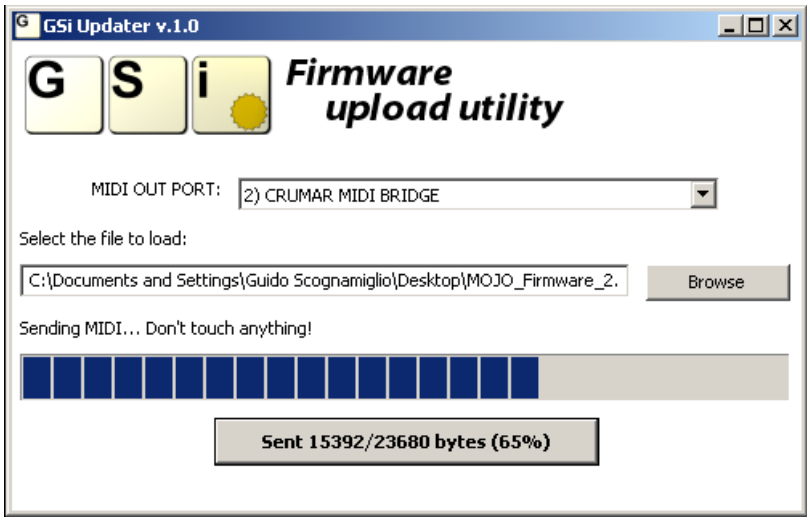
Step five. Load the firmware file. The file has the extension *.GFW (GSi FirmWare) but you can also use this utility for sending normal MIDI SysEx files (.syx) to any MIDI device.



Step six. Double check that everything is OK, that the MOJO is on and working, the MIDI connections are correct and reliable. Now click the button "SEND MIDI", this will start the upload.



The progress bar will indicate the status of the upload. Wait until the end. It should take no more than 15 – 20 seconds, according to the actual file size.



After the data have been completely sent to the instrument, its interface will automatically turn off and on again. Please check that everything is working properly. Should you experience strange behaviors, you can try sending the firmware again. After the updating process is completed, you should check that the new firmware version displayed by the LEDs matches the one you've just uploaded.