How to update your G-Major OS

This is what you need to make it work:

A PC with Windows XP

This is not a deliberate choice on the side of TC Electronic - we know that a lot of studios and musicians are Mac-users. The problems with the Mac are caused by the hardware-design of the G-Major coupled with the MIDI-implementation of the Mac Operating System, in which MIDI Sysex data is handled in a different way than in Windows.

A midi-interface that works

We have tested a number of midi-interfaces and found that the following interfaces can be used to upgrade the G-Major:

- Midiman USB Midisport 1x1, 2x2 AND 8x8
- Midiman Uno
- Steinberg USB2
- Creative Soundblaster PCI-128
- Oxygen 8
- Terratec EWS88
- MPU-401 compatible soundcards

We also found that these do not work:

- Creamware Luna II
- Emagic MT4 & Unitor8
- Edirol UM-1
- Edirol UM1S
- Steinberg MIDEX3
- Steinberg MIDEX8

Please note, this does not mean that they're bad midi-interfaces - they just don't work in this particular case.

We have the long technical explanation of why this doesn't work - but...

A midi cable to connect your G-Major to your computer.

Update procedure

The update procedure contains the following 5 steps:

- Backup your settings and presets
- Connect the G-Major to your computer
- Set the G-Major so it's ready to receive
- Start the update program and send the update to G-Major
- Reset the G-Major

Make sure to backup your settings and presets.
Before you update your G-Major, you'll have to make sure to back up you presets and settings, as they will get lost during the procedure. You can find info on how to back up your presets in your G-Major manual, or you can use the "How to backup your presets"-document found in together with the update program. It is not possible to back up your settings (f.ex. input selector), so you'll have to write your settings down - sorry, but this is the only way to do it: pen and paper.

Connect the G-Major with the computer.
Connect the MIDI OUT port from your computers midi-interface to the MIDI IN of G-Major.

Set the G-Major in receive mode

- Press and hold the ROUTING and RECALL buttons, while powering on the G-Major from the front.

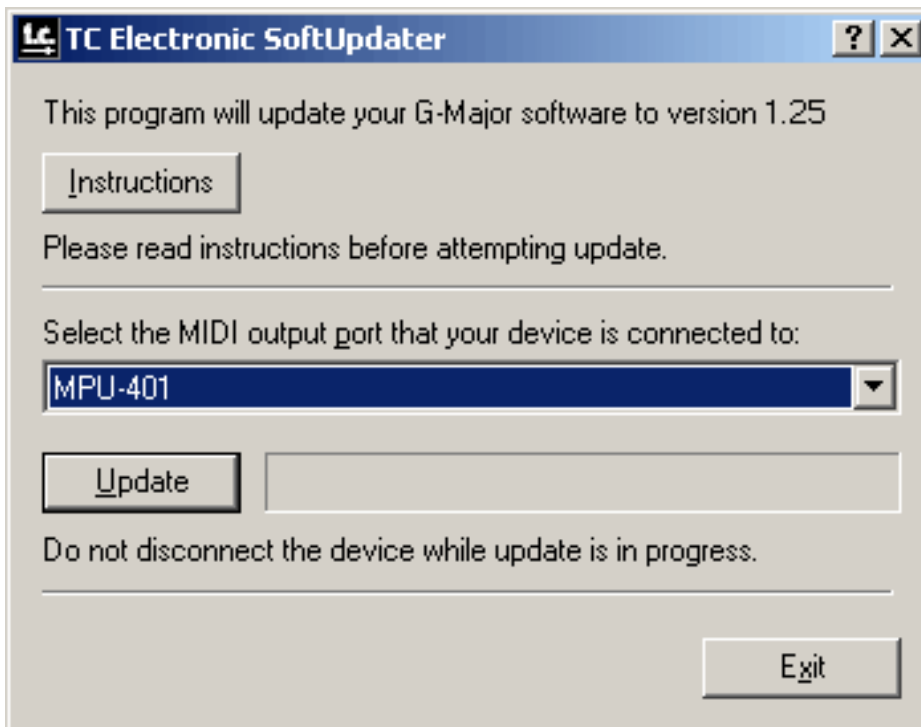- The display now reads "M-FOUR 2.02 API 1.9".

- Turn the inner VALUE wheel on the far right until the display reads "Download DSP Code?" and Press TAP to confirm.

The display now reads "Downloading code 000" which means the G-Major is now ready to receive the update.

Start the update program and send the update to G-Major:
Start the install-program on your PC.

- **Select the right midi-out.**
- **Press "Update"**

- **Press Send**
  - ❍ **The display will read "Downloading 000" with the numbers continuously increasing.**
  - ❍ **Please note, the upgrade can take several minutes.**

If the unit stalls during the update, please retry with one of the tested MIDI-interfaces mentioned above.

Upon a successful update, the G-Major will revert back to the "M-FOUR 2.02 API 1.9" screen, power the unit off and back on from the front.
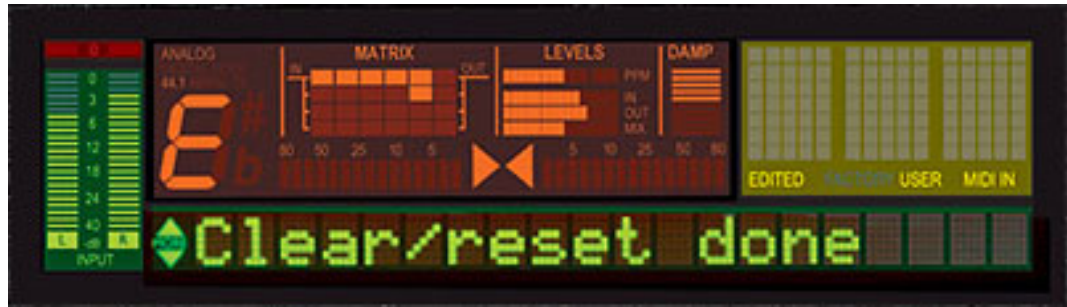
If the update does not work:

1. **Reset the System Parameters on the G-Major by doing the following, then try updating the software again.**
   - ❍ **Press and hold the TAP button, while powering on the G-Major from the front. The display now reads "M-FOUR 2.02 API 1.9".**
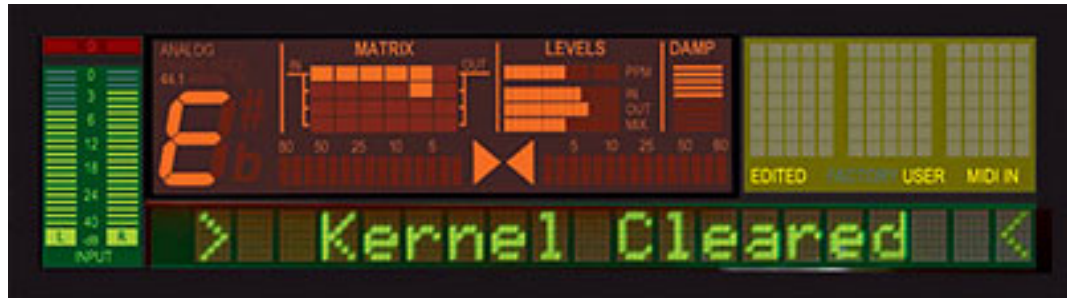

   - ❍ **Turn the VALUE wheel until the display reads "Reset sys param?"**

   - ❍ **Press TAP to confirm.**
   - ❍ **The display now reads "Clear/reset done".**

- ○ **Power the unit off and on from the front.**
- ○ **The display now reads "Kernel Cleared"**

- ○ **Power the unit off and back on again from the front.**
2. **If the update stops or hangs in the middle of the transmission, it is very likely that it has been interrupted in some way. In this case, please try one of the tested MIDI-interfaces.**
3. **If it still does not work, the unit could be defective and should be sent in for repair to either the TC Headquarters or the local Service Center (depending on the country).**
   Please either contact your dealer to arrange this, or <u>get in touch with TC Support.</u>