

G-System 4.02 Software Update

This is a firmware update for all G-System users and includes support for TC Electronic's [Nova Drive](#) pedal, the new Univibe and Doubler FX, retuned Reverbs , Kill dry feature and several bugfixes.

Users with an earlier G-system software version need to update to 3.0 prior to using this firmware updater. (software version 3.0 can be found [here](#))

In order to upgrade your G-System to the latest software you need the following:

- a G-System with software version 3.0 installed
- a PC with USB port running Windows XP or Vista (32 or 64 bit)
- a Mac with USB port running OSX 10.4.1 ; 10.5 or 10.6 (Snow Leopard)
- a standard USB cable

IMPORTANT: Before starting the upload procedure, quit any MIDI related application on your PC and Mac.

For security reasons we recommend to backup your user presets prior to updating your G-System firmware.

Updating the G-System software won't delete nor alter your user presets, but to play a safe game rather backup all your older user presets. Either with the new Vyzor editor for G-System 3.0 firmware or MIDI dump for 1.x and 2.x firmware.

For more information on how to back up your presets via Midi dump, refer to the [G-System manual](#)

List of changes

- Integration of TC Electronic's [Nova Drive](#) pedal (parameters can be remote controlled via the G-System menus and modifiers, Nova Drive presets can be saved and recalled as part of G-system's user presets)
- new Univibe FX (2 types: Vintage and Modern Univibe)
- retuned Reverbs
- new Doubler FX
- new "Kill Dry" feature (utility menu)
- MAC firmware installer

Bugfixes

- Added error check and rejection feature for corrupted presets send from early editor beta

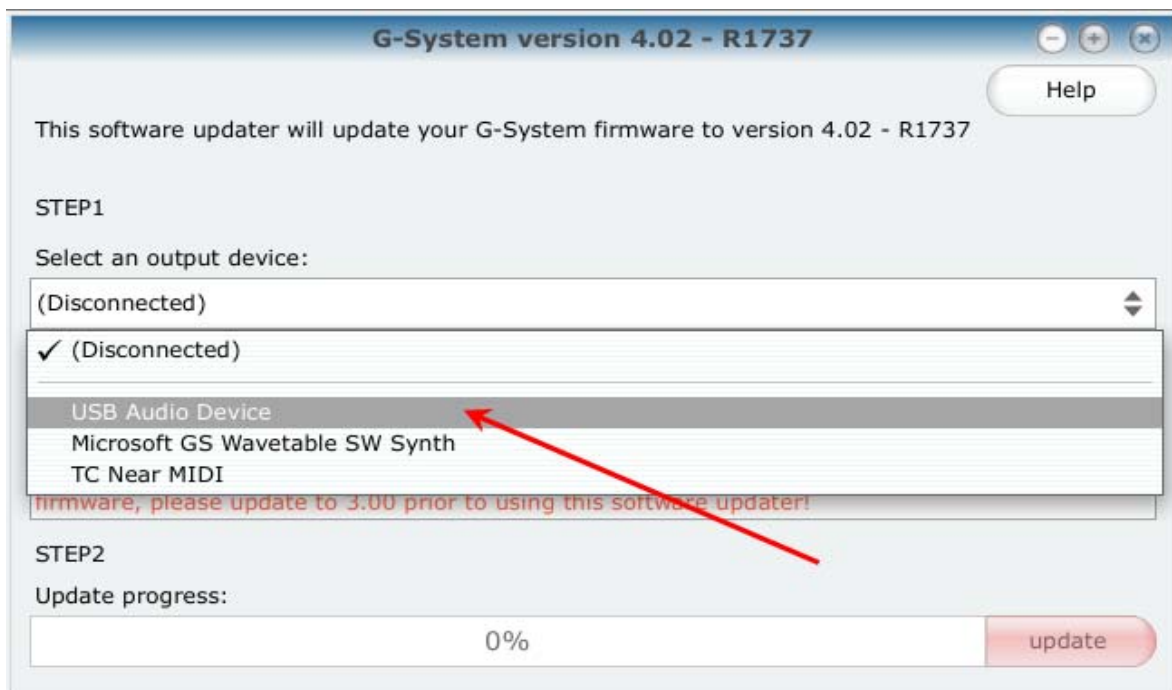
- copying a compressor setting from one preset to another didn't work (TT659) –fixed
- When synced to Midi clock changing values with encoders and toggling FX blocks works intermittent (TT306) -fixed
- Adjusting loop headroom level could cause audible clicks (TT447) -fixed
- EQ settings do not apply immediately at preset change (TT 280) - fixed
- Relay combination A wasn't stored correctly (TT311) -fixed
- Key shortcut to modifier targets in modifier menu not working correctly (mod and pitch reversed) (TT475) -fixed
- Input select parameter resets to default after powercycle (TT 405) -fixed
- ND integration: default modifier curve displays wrong values (TT326) -fixed
- Random pitch warble could occur at preset change to a Vibrato preset (TT279) – fixed

Known issues

- Transferring a saved Midi dump to G-System doesn't work . Use latest G-System editor for backup instead.
- If auto-on feature of Wha Wha is used in combination with pedal control while “Kill dry”mode is used, signal is muted

Update Procedure

- Connect the G-System directly to your computer's USB port
- PC: Start the firmware updater by double clicking the “g-system_win_swupdater-4.02-r1737.exe” file
- MAC: Double click the “g-system_mac_swupdater-4.02-r1737.dmg”
- Follow the instructions on screen

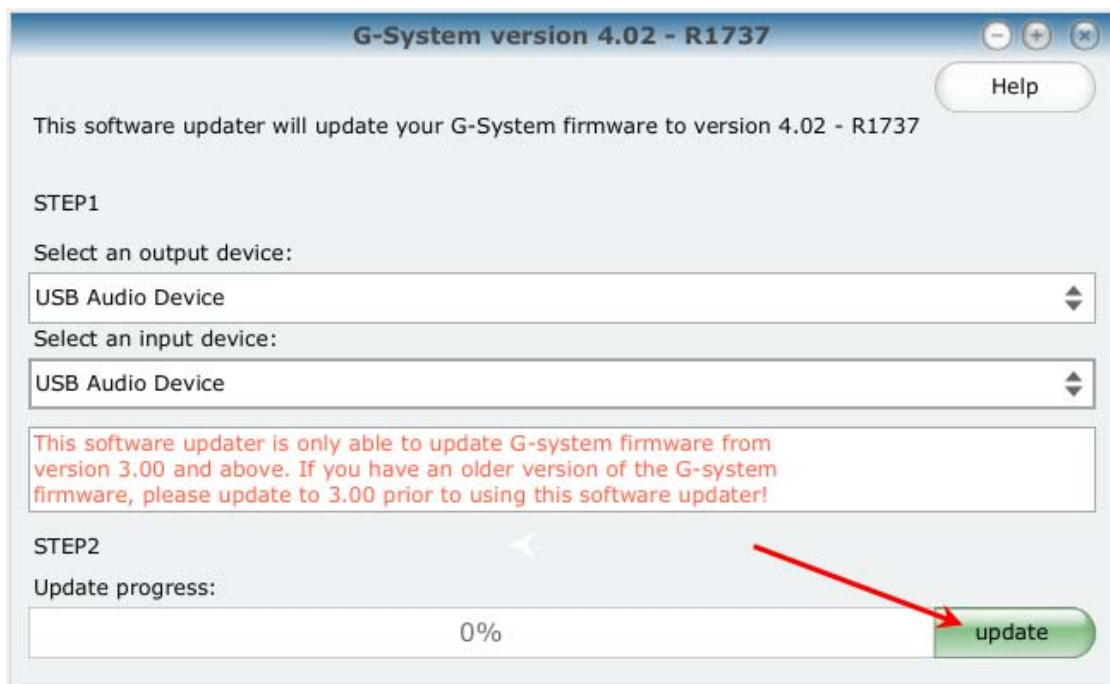


- Select “G-System” in the two drop down menus for input and output device

Note: under Windows XP your G-System will pop up as “USB Audio Device”

- Start update procedure by clicking on “update” - G-System will now receive the firmware update

Note: your G-System display indicates the progress of the data transfer and will restart automatically after a successful software upload



- Wait until the software upload procedure has finished and G-System restarts automatically
- After a successful firmware upload G-System will display the software version number in the startup splash screen. If your G-System doesn't startup automatically, please wait at least 2 minutes before powercycling your unit

DO NOT disconnect your G-System while the software upload is in progress

Troubleshooting

In case of persistent errors, disconnect the power cable to G-System for 10 seconds, then reconnect and restart the software update procedure.

My G-System is not recognised via USB. What can i do?

- Make sure you connected your G-System before starting the software updaters
- Try reconnecting the USB cable
- Connect G-System directly to your computer's USB port, if you use powered USB hub
- Try connecting to another USB port of your computer
- Disconnect any other USB midi interfaces
- If you are a Mac user do not use the Mac Keyboard's USB port

If you run into issues with the software, have any questions or feedback please get in touch with our [support team](#) or write an e-mail to support@tcelectronic.com

FAQs:

- **Can i use the current Vyzor editor (1.0 or 1.02) with this software version ?**

- No, the old versions of the Vyzor G-System editor is not compatible with G-system 4.02. Please use version 2.0 available on the G-system software page

- **Will this software update erase my existing user presets ?**

*-No, your user presets and global settings will be preserved when updating to 4.02
However, we strongly recommend to backup important user presets prior to updating to be on the safe side.*

- **What do i need to do to get the Nova Drive integration features working?**

- apart from the 4.2 software you just need to connect a Nova Drive Pedal to your G-System using a Y-split Midi cable. Your connected Nova Drive Pedal will then be automatically recognised by G-System and you'll find a dedicated Nova Drive menu in G-System's EDIT EFFECT menu.

Other than remote controlling all of Nova Drive's parameters via the G-system's EDIT EFFECT menu, you can also control Overdrive + Distortion Level and Gain via G-System's modifiers.

- **Where can i get a y-split Midi cable needed for my Nova Drive?**

- A TC branded y-split MIDI cable is available via your TC electronic dealer. If you like to build one yourself, the soldering schematics are available [here](#) .

- **How do i assign a Nova Drive Preset to one of my user preset?**

- select the user preset you want, dial in your favourite Nova Drive settings and save your G-System preset. Next time you load it the right Nova Drive preset is loaded together with your G-System preset (y-split Midi cable required for full integration features)

- **Where can i find the new Kill Dry feature?**

- it is located in the G-System's utility menu.

- **What is the difference between the Modern and the Vintage Univibe FX types?**

-although it is equipped with the same parameters as the Vintage Univibe, the Modern variation sounds quite different – slightly less “swirley”, more radical and with more phasing.

- **What is the difference between the two Bypass modes of the Univibe?**

- This parameter defines how the effect behaves when the effect is bypassed and when switching between Speed 1 and Speed 2 within the same preset. When "Direct" is selected Univibe is switched off immediately. When "Delayed" is selected, you will hear that the speed slows down gradually according to the setting of the “Attack” and "Release" time parameters.

- **How can i switch bewteen the two Univibe's modulation speeds?**

- You can assign the Univibe's (speed) “Select” parameter to eg a connected Expression pedal, momentary switch or other modifier in G-System's modifier menu.

- **How does the new Doubler work ?**


- The new Doubler effect emulates a classic ADT (automatic double tracking) effect (overdubbing the same guitarline several times) to get a fat unison sound. it works by slightly detuning and delaying one channel. You can control the following 3 parameters: “Delay” (0-60ms), “Pitch” (-20 - +20 cents), “Side” (Left or Right) .

Note :you need a Stereo setup for this effect

- **I have the Limited Red edition G-system that already comes with software version 4.0.
Should i update ?**

Yes, the 4.02 firmware is needed for compatibility with the new Vyzor editor and includes a few bugfixes

With best regards from the TC people,

Mike Nickel 
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tc electronic

