

HOW-TO Upgrade Firmware

on the Midronome

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Upgrade Procedure

The firmware of your Midronome can be freely upgraded and downgraded.

To do so, you need:

- the **Firmware Updater** tool - download it on the [support page](#)
- a firmware file (*.midr) - [download it here](#)

Then close all applications on your computer (in particular your DAW), start the Firmware Updater tool and follow the steps.

When it asks for a file, select the downloaded *.midr file.

(see also [this Youtube video](#) which shows the upgrade procedure)

Troubleshooting

The device, when started in bootloader mode, will show “Err XXX” in case of errors, where “XXX” could be one of the following.

These first two are quite common, in case of a configuration mistake somewhere:

- **Err Dat (Data)**
 - this indicates the device received wrong firmware data
 - make sure to close all other softwares on your computer
 - in particular software that could send MIDI Data like DAWs
 - Someone reported [here](#) that the *Elektron Overbridge* process needed to be shut down
 - try re-downloading the ***.midr** firmware file (in case it is corrupt)
 - or try with another firmware file
 - try the upgrade procedure from scratch again
 - if you have tried all the above, please ask or search
 - the [Forums](#)
 - the [Facebook group](#)

- **Err USB**
 - this indicates the device could not connect to the computer via USB, or that it lost the connection
 - make sure the USB cable is properly inserted, in particular on the Midronome side
 - try unplugging and re-plugging the USB cable
 - try disconnecting all other cables on the Midronome
 - try disconnecting all other USB devices
 - try removing USB hubs
 - make sure your computer allows the USB connection (MacOS for example often shows a popup with an “Allow” button)
 - potentially try with a different USB cable, and a different computer/OS if possible
 - if you have tried all the above, please ask or search
 - the [Forums](#)
 - the [Facebook group](#)

Note: if one of these errors happen in the middle of an upgrade, the device will be left without a valid firmware on. In this case it will automatically (always) start in bootloader mode. Simply load a valid firmware again to be able to use your device. The device's settings will be unaffected.

These other errors should never happen, if you see them there is a chance your device is defect:

- **Err Pro (Programming)**
 - this indicates the device failed to program (=write to) its memory
 - try the upgrade procedure again
 - if it fails again, try it with another ***.midr** file
 - then please **contact support**

- **Err Cry (Crystal)**
 - this indicates the hardware crystal in your device is defect
 - if you see this, please restart your device normally (unplug and replug the USB cable)
 - it should also show an error ("**Er.1**")
 - then please **contact support**

- **Err FLt (Fault)**
 - this is also probably caused by a hardware defect
 - if you see this, please restart your device normally (unplug and replug the USB cable), it might also show an error
 - if it does not, try the upgrade procedure again
 - then please **contact support**

Feel free to search and ask on:

- The **Midronome Forums**
- The **Midronome Facebook Group**

And feel free to contact support:

- by email on **support@midronome.com**
- on **Facebook Messenger**