

How to update the firmware on Faderfox EC4

!!! For an easy and safe update to version 2.x please also use the Editor 2.x (recommended) !!!

Preparations

- to load a new firmware into the controller you need a sysex dump software like Bome 'Send SX' for Windows (<http://www.bome.com/products/sendsx>) or Snoize 'SysEx Librarian' for Mac (<http://www.snoize.com/SysExLibrarian/>)
- please download one of these tools and install it on your computer first
- before update we recommend to backup all setup data from your device (see manual)
- download the firmware file (EC4 Vxxxx.SYX) from the EC4 product site to your computer (<http://faderfox.de/ec4.html> section 'Updates')
(xxxx in filename stands for version number, for instance 0100 means version 01.00)

Firmware update procedure

- hold down the red SHIFT key on EC4 while you plugging the USB cable
- the display shows the current firmware version for a short while
- release the SHIFT key when the display lights up
- after 3 seconds the display shows 'Ready to receive' so the device is ready to receive firmware data
- open the sysex dumper on your computer
- select the midi out port 'Faderfox EC4' (Bome menu 'Midi Out' or Snoize dropdown 'Destination')
- load the sysex file 'EC4 Vxxxx.SYX' (Bome menu 'File/Open' or Snoize 'Add' button)
- start sending the data (Bome 'Send' button or Snoize 'Play' button)
- the display on EC4 shows 'Work in progress' and counts up to '99%'
- after that the new firmware starts automatically or you can start manually by the red SHIFT key
- if you get 'Receive error' you should cancel/stop the download by pressing the red SHIFT key
- after the device is ready again (display 'Ready to receive') you can repeat the download
- after successfully download reconnect the device by the USB cable and check the display for the new firmware version

(to speed up the download in Bomes 'Send SX' please open the settings (menu 'Options/Settings'), take the speed slider to the rightmost position (very fast) and close the settings window)