

How to update the firmware on Faderfox EC4

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
- 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

Tips

- 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
you can do that also while the download runs.