

# Quick start guide for Faderfox micromodul EC4

- **connect** the controller with the included USB cable to your computer before you start your application
- the controller is **recognized** by the computer as 'Faderfox EC4' or 'USB audio device'
- use a **USB power adapter** (5V min 100mA) if you want to control only your midi gear
- you can also use any kind of **USB hub** to power the unit

## Selecting a setup

- press the **gray SETUP key** to see all available setups on the display
- select the setup by pressing one of the 16 associated encoders > display returns to the previous view
- leave setup selection without new selecting by pressing one of the green keys or the **GROUP key**

## Using as generic controller

- **setups 01 to 14** are preconfigured to use the unit as a generic controller
- all encoders **send standard CC commands** (control change) with 7 bit resolution which is mostly used
- push buttons send different **note commands** (if not please do a factory reset for the current setup)
- **MIDI channel** corresponds to setup number (setup 01 = MIDI channel 01 and so on)
- groups 1...8 are **duplicated to groups 9...16**  
(change midi channels to have groups 9...16 independently)

## Start with Ableton Live

- **download and decompress the Ableton Live control surface script** from EC4 product site [http://www.faderfox.de/settings/Faderfox\\_Universal\\_2.zip](http://www.faderfox.de/settings/Faderfox_Universal_2.zip) for Ableton Live 11.. or [http://www.faderfox.de/settings/Faderfox\\_Universal.zip](http://www.faderfox.de/settings/Faderfox_Universal.zip) for older version of Ableton Live and copy the included folder (not the zip file itself !) into Ableton's midi remote script folder
  - \* On Windows in \ProgramData\Ableton\Live x.x.x\Resources\MIDI Remote Scripts (hidden folder)
  - \* On OSX this is located in /Ableton/Live.app -> Right click -> show package contents.  
Navigate to contents/app-resources/MIDI Remote Scripts
- delete older Faderfox Universal folder from there before !
- when completed, check the content of the copied new folder.  
There should be at least 21 type PY/PYC files for Live 11 or 10 PY/PYC files for older Live versions.
- select the **control surface** 'Faderfox Universal 2' (Live 11) or 'Faderfox Universal' (older versions) in Live's preferences/midi sync and select the MIDI input & output ports 'Faderfox EC4' there.
- choose **setup Lv11** (setup 15 for Live 11..) or **setup Lv10** (setup 16 for older Live versions)
- if you don't see the setup names **Lv11 / Lv10** after firmware update please do a factory reset for these two setups
- there are **12 groups** to control various parameters over first 16 tracks (vol, pan, sends, device/rack etc.)
- last 4 groups are not used (you can freely assign them)
- **extended external display control** with Universal 2 script
- **manual mappings** of all controls are possible (override of instant mappings)
- **prioritize using absolute mode** (instead relative mode) for the encoders, so that values get displayed immediately
- use **high resolution mode** for manual mappings to sensitive parameters like resonating filters etc. to avoid any audible control noises (don't forget to select MIDI mode "Absolute (14bit)" in live's bottom row)
- In older Live version with setup 16 you can control only **Racks**. Devices are not accessible directly