

# Quick start guide for Faderfox micromodul SC4

- **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 SC4' or 'USB audio device'
- use a **USB power adapter** (5V min 200mA) if you want to control only your midi gear
- you can also take any kind of **USB hub** to power the unit

## Selecting a setup

- go in **edit mode** by pressing both shift keys > display shows `EdIt`
- **select the setup** by turning encoder 1 `SE01....SE30`
- leave edit mode by pressing both shift keys again

## Using as controller

- **setups 01 to 16** are preconfigured to use the unit as controller
- all encoders **send standard CC commands** (control change) with 7bit resolution (value 0 to 127)
- all push buttons send standard CC (control change) commands with **toggle functionality** (values 0 = off, 127 = on)
- **midi channel** corresponds to setup number (setup 01 = midi channel 01 and so on)

## Using the sequencer

- **setups 17 to 27** are preconfigured to use the sequencer
- go to sequence control group by pressing both green keys 7 and 8 > display shows `SEQU`
- there **start sequencer** by pushing encoder 5 > sequencer sends note commands to USB and Midi ports on channel 1
- modify tempo, gatetime, transpose, pattern direction etc. in sequence group (see chapter sequence control)
- select group 1 (1st green button > display shows `notE`) and **edit / activate the notes** of the sequence
- select other groups and modify the sequence in various kinds (see chapter sequence mode)
- select pattern group (`PAt1`) with both group keys 6 / 7 to **change / combine patterns** (see chapter pattern control)
- group 8 (`GrP8`) as controller group let you control some instrument parameters while sequencer runs
- you can **combine controller and sequencer groups** (group modes) in each setup pressing any shift key + group key in edit mode to change the group mode

## Work with Ableton Live

- **download and decompress the Ableton Live control surface script** from SC4 product site <http://www.faderfox.de/settings/SC4.zip> and copy the included folder into Ableton's midi remote script folder
  - \* On Windows this is located in `\Program\Ableton\Live x.x.x\Resources\MIDI Remote Scripts`
  - \* On OSX this is located in `/Ableton/Live.app -> Right click -> show package contents.`
- Navigate to `contents/app-resources/MIDI Remote Scripts`
- don't forget to select the **control surface** 'SC4' in Live's preferences/midi sync and select the midi input & output ports 'Faderfox SC4'
- use **setup 28** for detailed track control, **setup 29** to control tracks 1-8 and **setup 30** to control tracks 9-16
- **encoders are automapped only to rack devices** (other devices must put into rack device to control them)
- **manual mappings** of all controls are possible (override of instant mappings)
- **prefer to use absolute mode** for the encoders to get values displayed immediately (instead relative mode)
- 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)