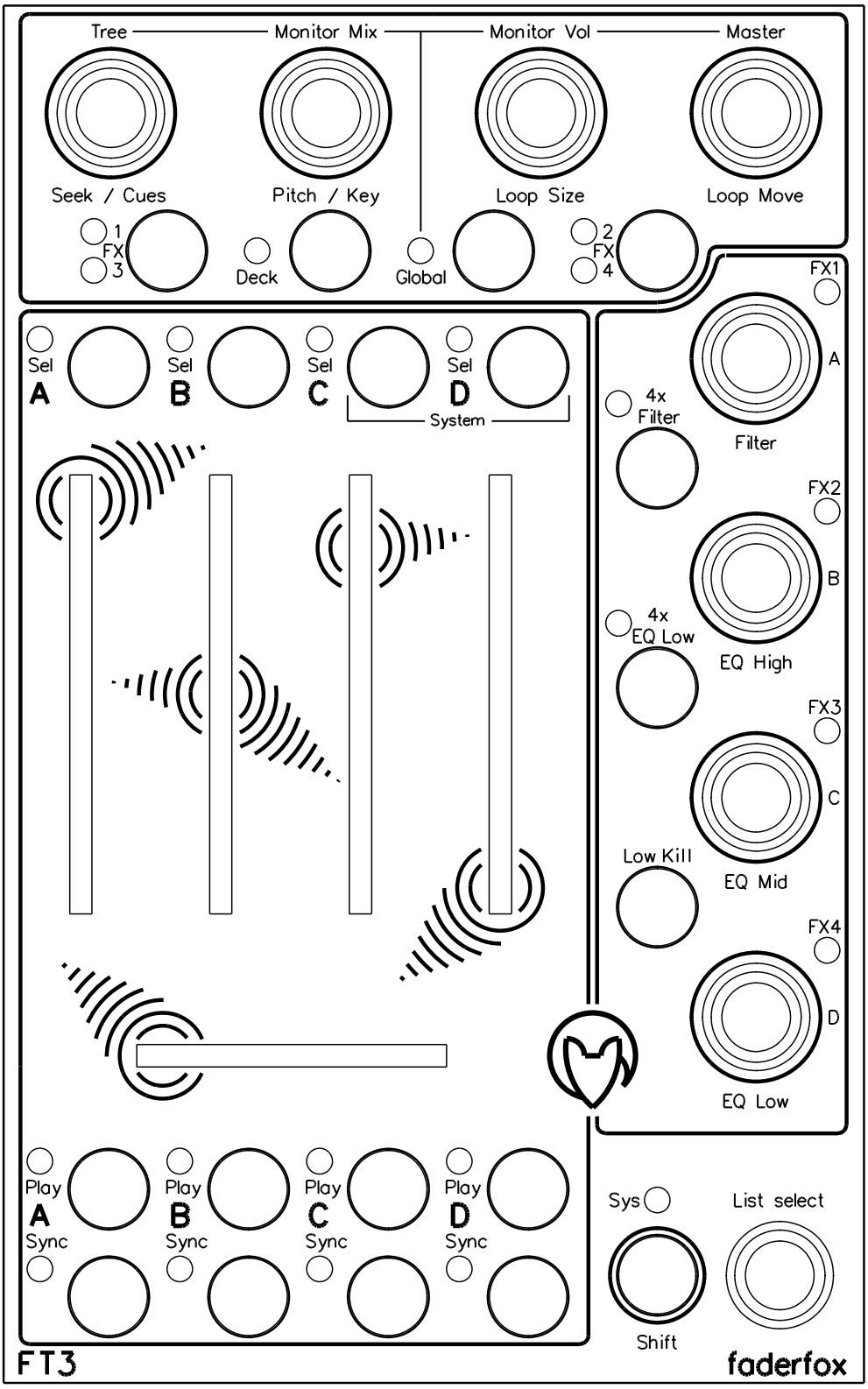
micromodul FT3



User manual

Provision of guarantee and product liability

The seller warrants for faultless material and proper manufacture for a period of 24 months from the date of sale to the end user.
Excluded from the stated guarantee are defects on parts as the result of normal wear-and-tear. These parts are mostly faders (sliding guides), potentiometers, encoders, buttons, switches and touchpads.
Also excluded from the guarantee are damages that are the result of :
incorrect or inappropriate handling, excessive force, mechanical or chemical influences, incorrectly connecting the instrument with other instruments, incorrect or inappropriate use.
The warranty is void if the instrument is opened or changed. In addition, there is no warranty for individual parts and components (in particular, semiconductors) and disposables/ consumables. The seller is not liable for consequential damages which are not the result of criminal intent or negligence on his part. The following conditions must be met in order to claim the warranty services:
- Instrument is either in its original packaging or similar packaging.
- Copy of the invoice with the serial number clearly visible.
- Meaningful error report or description of the error is attached.

The buyer assumes all costs and dangers of return shipments to the manufacturer. Since the user's manual which is included with each instrument also affects the warranty conditions (especially regarding safety issues), it is absolutely essential that you read through and follow all instructions.

Safety precautions and servicing

- Instrument's intended use is based on the functions and procedures contained in this manual
- Read all instructions for use as well as all enclosed literature before using the instrument
- Use only in closed rooms (not for outdoor use)
- Never use in a moist or humid environment (laundry rooms, swimming pools, etc, …)
- Not for use in the vicinity of heat sources (radiators, ovens, etc, …)
- Operational temperature is in the range of 0° - + 40° C
- Not for use in the vicinity of flammable material
- The instrument should not be in direct or prolonged contact with sunlight
- Dusty environmental conditions should be avoided
- Connect only to USB ports of computers or hubs
- No foreign objects are permitted inside the instrument casing
- No liquids should get inside the instrument casing
- Never let the instrument fall to the ground (casing and/or control elements may be damaged)

If the instrument must be opened (for example, to remove foreign objects from the casing or for other repairs), this may only be done by qualified personnel. The USB-cable must be disconnected before opening the instrument. Guarantee is void for defects that occur if the instrument was opened by an unauthorised or unqualified person.
Use a soft towel or brush to clean the instrument. Please do not use any cleaning liquids or water, so you avoid any damages to the instrument.

Package contents

- Device
- USB cable (with angle plug)
- Manual
- CD with settings and manuals

Introduction

Thank you for choosing a Faderfox controller. These probably world's smallest DJ-controllers are designed for live use on stage. All Faderfox controllers are professionally manufactured in series in Germany, ensuring high quality. The 3rd generation brings a lot of new features like USB connection, better controls, access to four decks, access to four FX slots and much more.
FT3 is the perfect all-in-one-solution if you want a four-deck-controller for Traktor Pro or Ableton Live. The device controls linefaders, crossfader, EQ's, filters, effects, loops, pitch, key, cues, transport and browser. Check it out…

Features

- Special controller for DJ software (optimised for Native Instruments Traktor Pro and Ableton Live)

- Setup files for Traktor Pro/Duo (as of V.1.2.4) and Live (as of V.8.1.1) are shipped with the controller

- USB interface - class compliant / no driver necessary

- Controls four decks/tracks by all important controls for 4 decks like faders, play, sync and select buttons

- Four FX slots available – pots, buttons, FX select, snapshot functions

- About 250 commands – all freely reassignable

- Browser section with a dedicated encoder (clip-scroll in Ableton Live's session view)

- 4 multifunctional encoders with 6 switchable groups for deck, global and FX control

- 4 multifunctional encoders for EQ's, filters and FX assigns (center-push-function for EQ's)

- 20 coloured buttons

- All controls with double function by holding down the shift button

- 25 LED's in different colors to display various informations

- Indication of play, sync, select, FX assign states by feedback data from computer software

- USB bus powering – consumption less than 500mW / 100mA

- Very compact design in a black, plastic casing (desktop format 180x105x70 mm, 350 g)

- High-quality faders, pots and encoders from ALPS

- New rubber knobs for best tactile feeling

System requirements

- **PC or Mac with a free USB port** (1.0 or higher) or any USB hub

- Native Instruments Traktor Pro/Duo (as of V.1.2.4) or **Ableton Live** (as of V.8.1.1) or software which allows user assignments of continuous parameters (CC) and note commands.

Traktor Pro setup 'faderfox FT3 V01.tsi'

FX 1 / 3 FX 2 / 4	Dry / wet Push to switch on/off FX (advanced) FX Select (advanced) Push to toggle advance / chained mode	FX parameter 1 or FX1 amount Push for FX reset (advanced) or to switch on/off FX1 (chained) FX1 Select (chained)	FX parameter 2 or FX2 amount Push for FX button 1 (advanced) or to switch on/off FX2 (chained) FX2 Select (chained)	FX parameter 3 or FX3 amount Push for FX button 2 (advanced) or to switch on/off FX3 (chained) FX3 Select (chained) Push for effect settings snapshot
Deck	Seek in deck Hold down and turn to scratch Cue point select Push to set a cue point	Key control (one note per click) Push to reset key Pitching (tempo) Push to delete the selected cue point	Loop size Push to switch on/off loop Push to set loop-in-point	Loop move Push to reset loop size to 1 Loop move size Push to set loop-out-point
Global	Browse thru tree Push to expand/collapse tree Favorites select	Monitor mix	Monitor volume	Master volume

Select functions of upper four multifunctional encoders (indicated by 6 green leds)

Selects a deck (indicated by red leds)

Press both Sel A & B buttons to get traktors monitor state

Press both Sel C & D buttons and hold for about 1 second to enter/leave system mode

Activates 4-filter-mode assigning filters of all decks to the four EQ-encoders

Bend forward

Activates 4-EQ-low-mode assigning low EQ's of all decks to the four EQ-encoders

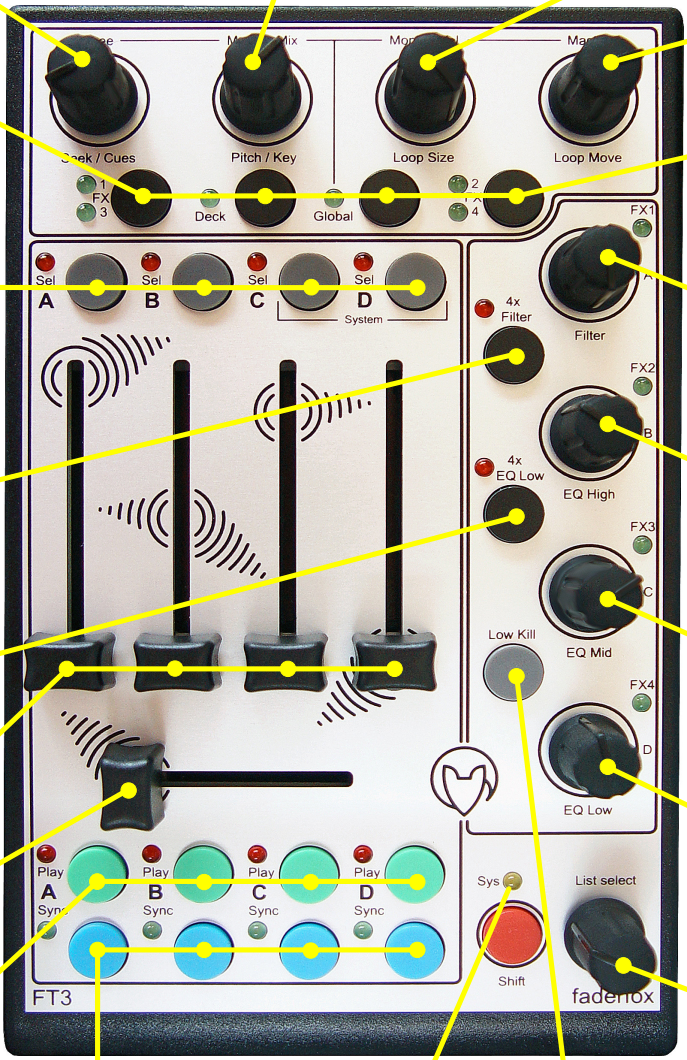
Bend backward

Deck volume of deck A to D

Crossfader

Play / pause (indicated by red leds)

Prelisten (indicated by red leds)



FX 1 / 3 button: Snap

Deck button: Quantize

Global button: LFO reset

FX 2 / 4 button: Maximize browser

Filter frequency
Push to activate/deactivate filter
(indicated by FX1 led)

Push to assign deck to FX slot 1
(indicated by FX1 led)

EQ High
Push to center EQ
(active EQ indicated by FX2 led)

Gain
Push to assign deck to FX slot 2
(indicated by FX2 led)

EQ Mid (high)
Push to center the EQ
(active EQ indicated by FX3 led)

EQ Mid (low)
Push to assign deck to FX slot 3
(indicated by FX3 led)

EQ Low
Push to center EQ
(active EQ indicated by FX4 led)

Pan
Push to assign deck to FX slot 4
(indicated by FX4 led)

Browse thru track list
Push to load selected track
into selected deck

Seek in preview player
Push to load and play/stop
preview player

Sync
(indicated by green leds)

Master sync
(indicated by green leds)

Low kill switch

High kill switch

Sys led
lit =system mode is active
blinks = controller isn't recognized

! Hold shift button for 2nd functions written on yellow (light gray) background

Tips (Traktor Pro)

- **connect** the controller with the included USB cable before you start Traktor

- **blinking sys-led** (the yellow one) indicates that the controller is not yet recognized by the computer

- the controller is **recognized** by the computer as 'Faderfox FT3' or 'USB audio device'

- import the setup file from included CD (TSI-file in folder FT3) by clicking the add-button in Traktors preferences/controller-manager and don't forget to activate the **midi-in- and midi-out-ports** for that device

- press both gray Load A and Load B buttons to get Traktors monitor state, do this before session start in order to **synchronize all controls** with Traktor (important for some encoder values)

- choose the **'4xFilter'** or **'4xEQ low'** functions so you can control filters (low EQ's) of all 4 decks simultaneously

- use the push function on EQ encoders B,C,D to **center the EQ's** (leds are lit to show active EQ's)

- check the **tutorial videos** on website www.faderfox.de to learn more about how to use the controller

Settings in system mode (Traktor Pro)

- hold down both gray load C & D buttons for about 1 second to **start system mode** > yellow sys led is lit

- set controllers **midi channel** 1 to 8 by one of the green (channel 1 to 4) and blue (channel 5 to 8) buttons, the 8 leds shows the current selected channel (channel 6 is used for the current Traktor setup file)

- press black button '4xFilter' to activate **internal Traktor setup**

- adjust **EQ center values** by encoder A (for encoder A) and D (for encoder B,C,D)

- activate **EQ center functions** by pushing encoder A (for encoder A) and D (for encoder B,C,D) (led's show active center function)

- press both gray load A & B buttons to reset all settings (**factory reset**)

- hold down both gray load C & D buttons for about 1 second to **leave system mode** > yellow sys led is off

Live 8 setup 'faderfox FT3 V01.als'

FX 1 FX 2 FX 3 FX 4 pot / switch	Beat repeat: Intervall / repeat Flanger: dry wet Vinyl distortion: drive / tracing on-off Delay: send level / delay on-off **Beat repeat: chance** **Flanger: envelope amount** **Delay: center frequency**	Beat repeat: offset / no triplets Flanger: delay time V.distortion: frequency / pinch on-off Delay: beat division / freeze on-off **Beat repeat: gate** **Flanger: attack** **Delay: feedback**	Beat repeat: grid / variation mode Flanger: feedback / + V.distortion: width / pinch hard-soft Reverb: size / reverb on-off **Beat repeat: volume** **Flanger: release** **Reverb: lowshelf frequency**	Beat repeat: variation / output mode Flanger: LFO amount / LFO shape Vinyl distortion: global drive Reverb: decay time / freeze on-off **Beat repeat: decay** **Flanger: LFO rate** **Reverb: highshelf frequency**
Deck	Global quantization	Clip Transpose (one note per click) **Clip gain**	Loop start **Clip start point**	Loop length **Clip end point**
Global	Tempo coarse Push to tempo nudge down **Master Compressor: threshold** **Push to switch on/off the compressor**	Tempo fine Push to tempo nudge up **Master Compressor: ratio** **Push to choose envelope mode**	Monitor volume Push to tap tempo **Master Compressor: knee** **Push to choose model type**	Master volume Push to switch on/off metronome **Master Compressor: output gain** **Push to switch on/off makeup gain**

Select functions of the upper four multifunctional encoders (indicated by 6 green leds)

Selects a track (indicated by red leds)

Press both Sel C & D buttons and hold for about 1 second to enter/leave system mode

Activates 4-filter-mode assigning filters of all decks to the four EQ-encoders

Start playback

Activates 4-EQ-low-mode assigning low EQ's of all decks to the four EQ-encoders

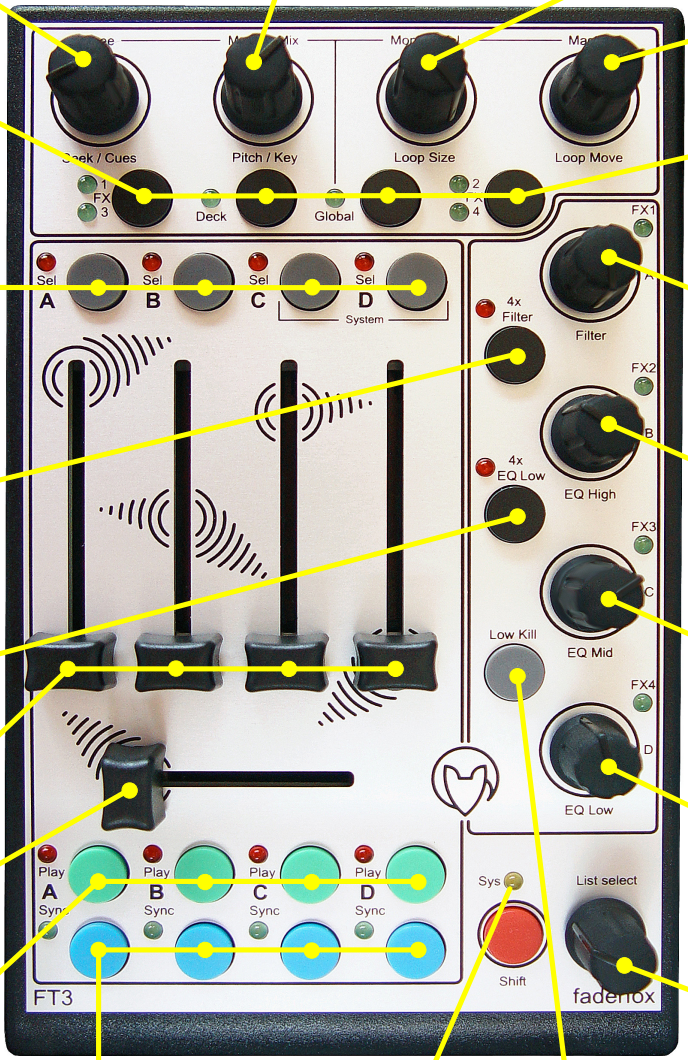
Stop playback

Track volume

Crossfader

Launch selected clip

Mute



FX 1 / 3 button:

Deck button:

Global button: Master select

FX 4 button: Delay/reverb select

Filter frequency
Push to activate/deactivate filter
(indicated by FX1 led)

Filter resonance
Push to switch on/off beat repeat
(indicated by FX1 led)

EQ High
Push to center EQ
(active EQ indicated by FX2 led)

EQ high frequency
Push to switch on/off flanger
(indicated by FX2 led)

EQ Mid (high)
Push to center EQ
(active EQ indicated by FX3 led)

Filter LFO modulation amount
Push to switch on/off vinyl distortion
(indicated by FX3 led)

EQ Low
Push to center EQ
(active EQ indicated by FX4 led)

EQ low frequency
Push to switch on/off delay-reverb
(indicated by FX4 led)

Scene selection up/down
Push to start highlighted scene

Stop current playing clip

Solo / Cue

Low kill switch

Choose filter types

Sys led
lit = system mode is active
blinks = controller isn't recognized

! Hold shift button for 2nd functions written on yellow (light gray) background

Tips (Live)

- **connect** the controller with the included USB cable before you start Live

- **blinking sys-led** (the yellow one) indicates that the controller is not yet recognized by the computer

- the controller is **recognized** by the computer as ‘Faderfox FT3’ or ‘USB audio device’

- load the setup file (template) from included CD (ALS-file in folder FT3) by clicking the menu 'file/open live set' into Live

- don’t forget to activate the **midi-in- and midi-out-ports** of the controller in Live's preferences/midi sync (switch on remote fields for that ports)

- choose the **'4xFilter'** or **'4xEQ low'** functions so you can control filters (low EQ’s) of all 4 decks simultaneously

- use the push function on EQ encoders B,C,D to **center the EQ's** (led’s are lit to show active EQ’s)

- **FX1,2,3 are in quadruple** (each track has it's own equal effect chain) which are controlled by the controller simultaneously. turn one encoder to control 4 parameters simultaneously.

- **solo functions** are not shown by the led's

- **play leds** show status (play = lit) of the current selected clips

- check the **tutorial videos** on website www.faderfox.de to learn more about how to use the controller

Settings in system mode (Live)

- hold down both gray load C & D buttons for about 1 second to **start system mode >** yellow sys led is lit

- set controllers **midi channel** 1 to 8 by pushing one of the green (channel 1 to 4) and blue (channel 5 to 8) buttons, the 8 leds shows the current selected channel (channel 6 is used for the current Live setup file)

- press black button ’4xEQ low’ to activate **internal Live setup**

- adjust **EQ center values** by encoder A (for encoder A) and D (for encoder B,C,D)

- activate **EQ center functions** by pushing encoder A (for encoder A) and D (for encoder B,C,D) (leds show active center function)

- press both gray load A & B buttons to reset all settings (**factory reset**)

- hold down both gray load C & D buttons for about 1 second to **leave system mode >** yellow sys led is off

User manual FT3 version 1

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