

virtualcreations funkFX

A VST effect for Windows VST audio hosts by Jurek Raben

Installation

Run setup.exe and follow the instructions. Be sure you choose your VST plugins directory for installation destination dir. After installation please run funkFX to enter your registration data you received.

Description

VST FunkFX is oscillator controlled filter/reducer effect. It features a volume detector and a lfo controlled resonance filter that gives you powerful control over the cutoff envelope. Also the minimum and maximum amount of the filter value are controllable. There are also a bunch of reducer/manipulation sections that let it sound crunchy. You can choose between 5 lfo waveforms and 3 cutoff filter algorithms.

The technical features are: Internal 32 bit float calculation, 5 LFO waveforms, 3 filter algorithms, strong reducer section, volume-filter lfo gate, smoother, easy eq to control brilliance, linear interpolation.

Parameters Description



detect vol

Detect Volume detects the level of volume when the filter cutoff LFO will be restarted. Move this slider to 100% if you want to disable the volume detection.

detect rel

The parameter Detect Release sets the delay of samples when the volume detector will be activated again.

lfo freq

This is the LFO frequency of the filter cutoff LFO. The higher the value the faster the LFO. If the LFO freq is set to 0, you can control cutoff slider manually.

minimal cutoff

This is the small slider above the cutoff slider. It marks the lower cutoff LFO boundary.

cutoff

This sets the amount of cutoff for the filter algorithm. If the LFO freq is set to 0, you can control this value manually.

maximal cutoff

This is the small slider below the cutoff slider. It marks the upper cutoff LFO boundary.

resonance

This sets the amount of resonance for the filter algorithm. Higher values give more resonance.

lfo wave

This knob controls the type of filter LFO wave. You can choose sine, triangle, saw, reverse-saw or square wave.

filter type

This knob sets the type of filter algorithm. You can choose between resonator, fuse and moog algorithm. The resonator algorithm has good allround filter abilities. The fuse algorithm has much resonance, the moog algorithm has the smoothest, finest sound.

reducer rate

Here you can set the strength of the sample rate reducer. Higher values will cause a higher reduction.

reducer amount

This knob sets the mix amount of the reducer signal.

eq frequency

This controls the frequency of the simple eq / notch filter.

eq amount

EQ amount sets the mix amount of the eq signal.

smooth

Smooth will interpolate the waveform in a simple way. It boosts middle frequencies and let it sound more clear.

mix

The overall mix amount of the effect. Set this to 0 to bypass the effect.

Tips

- Set Detect vol (volume detector, first slider) to 100% to deactivate the volume detector.
- Set the LFO freq (LFO frequency, third slider) to 0 to make a manual move of the cutoff slider possible.
- If the effect output sounds distorted, reduce the input volume level in the sound generator.
- You can create Zap effects by using saw filter lfo waves and high resonance values.

Updates, bugs, suggestions

See revision history on virtualcreations.de/docs for latest version. You will also be informed by email about available update options. The email address you gave us at registration process will be used. Please send a short message if your address changed and you still want to get update information.

If you experience a bug, problem or incompatibility, if you have any suggestions, feel free to leave a message on the following url, and also give us your system configuration:

<http://www.virtualcreations.de?contact?anliegen=bug%20in%20funkfx>

virtualcreations funkFX revision history

Version 1.2r2 (03-Jun-2003)

- reg bug fixed

Version 1.2 (27-Mar-2003)

- much more stable , logical optimizations
- memory allocation bug removed
- random crash in reducer section fixed

Version 1.1rc3 (14-Mar-2003)

- bugfixes and optimizations
- Smooth operation optimized

Version 1.1rc2 (02-Jan-2003)

- speed improvements up to 40%

Version 1.1 (20-Sep-2002)

- 20% speed improvements
- Ultra fast GUI speed up
- Better value descriptions
- filter change doesn't produce denormal behaviour anymore
- Auto loader of default preset bank added
- 100% more wide reducer range (half the value of the reducer rate in old songs for same setting)
- some minor bugfixes

Version 1.0 (01-Jun-2002)

Initial release

Snail mail

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