

# virtualcreations UltraPhazer

## A VST effect for Windows VST audio hosts by Jurek Raben

### History

#### Version 1.2

- More stability

#### Version 1.1rc2

- Bug in mix amount slider fixed.

#### Version 1.1

- Faster LFOs
- No denormal behaviour, should also work on every Pentium 4
- Auto default bank loader (vcs-ultraphazer-def.fxb)
- simple softclipping
- bugfixes

#### Version 1.0 Beta 2

Denormal calculation bugfixes. Should take \*0.1 less processor usage and run on all intel processors now.

#### Version 1.0 Beta

Initial Release

### Description

VST UltraPhazer is a multi oscillated phaser VST plugin for Windows hosts. It sounds very cool on guitar tracks and on raw saw sound. There are 14 sliders you can control, Resonance, Min Filter, Max Filter, LFO Freq, LFO Add 1-3, Filter 1-4, Num Filter, Stereo Phaz and Mix.

#### Resonance

With this slider you can control the resonance of the four oscillator controlled notch filters.

#### Min Filter

The minimal cutoff frequency amount used by the oscillator.

#### Max Filter

The maximal cutoff frequency amount used by the oscillator. If Max Filter is 0, you can control all filters at once by moving Min Filter.

#### LFO Freq

The frequency of the LFO that controls the filters.

#### LFO Add 1-3

LFO frequency offset to LFO Freq for filter 2-4.

### Filter 1-4

The four notch filter frequencies. If LFO Freq is 0, you have a multi notch filter by moving Filter 1-4 by hand.

### Num Filter

The number of used filters. Less Filters give less resonant and strong results.

### Stereo Phaz

Add negative or positive Stereo phase to all oscillators.

### Mix

Effect amount. 0% = dry, 100% = wet

VCS UltraPhazer is donationware. Please donate.

### **Tips and tricks**

- If Max Filter is 0, you can control all filters at once by moving Min Filter.
- If LFO Freq is 0, you have a multi notch filter by moving Filter 1-4 by hand.
- Less Filters give less resonant and strong results.
- Move Resonance to near 100% to get a Wah-Wah effect.

### **Disclaimer**

I am not responsible for any damage this plugin may caused to you. This version is still a beta version, please report bugs to

[www.virtualcreations.de/contact?anliegen=Bugreport%20Vcs-UltraPhazer](http://www.virtualcreations.de/contact?anliegen=Bugreport%20Vcs-UltraPhazer)

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