

# Usermanual Rezon8 VSTfx

Created for the KVR Developers Challenge 2006  
Rezon8, Copyright 2006 All rights reserved.  
Developer : XGmode.

## Welcome to Rezon8,

a 16 filter adv. resonator bank VST effect for Windows PCs.

This plugin was created using Synthedit, a modular synthesizer for Windows. You can feed this plugin with stereo or mono signals ( as a send effect ). The input signal goes thru a series of 16 stereo filters to manipulate the input and sends it to a high-pass filter before being sent to the output.

### Features:

- 16 stereo filters, with per filter the option to set the Frequency range.
- 6 dB High-pass filter at the master section.
- Dry / wet knob to control howmuch effect you want.
- Panning per filter.
- Midi CC for all knobs and sliders, and parameter change ( automation ) for almost everything relevant to automate.

I really enjoyed making this plugin, hope you do too!

This plugin sounds great on very diverse sources :  
basic waveforms, drumsounds, pads, leads, vocals, etc.

## Credit :

I would like to thank a few people that contributed to this plugin.

### Dave Haupt ( DH modules ) :

For removing a bug in DH\_multifilter2, thanks for the effort.  
Sorry i didn't use DH\_multistepinput, darn GUI automation bug forced me to change it.

### Kelly D Lynch ( KDL modules ) :

For creating the converter modules everybody uses, they rock!

### Rayden :

For doing some betatesting, discovering the GUI automation bug.  
And providing me with some presets, thanks!

### Laserbeak, Twocircuits, BillStein :

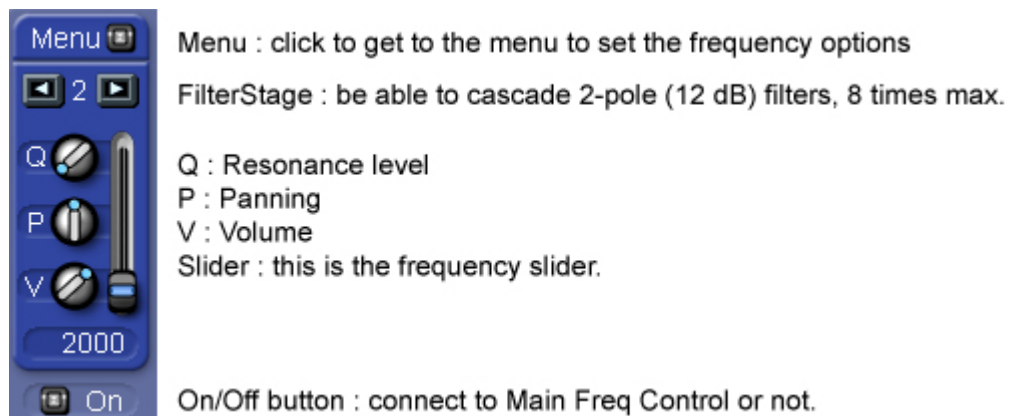
For putting up with me in the SEG chatroom, and the given advice 'n help hehe.

# How does **Rezon8** work?

## Filter section :

### Tip :

**You can hover above the knobs and sliders to get a hint on the name and the MIDI CC number**



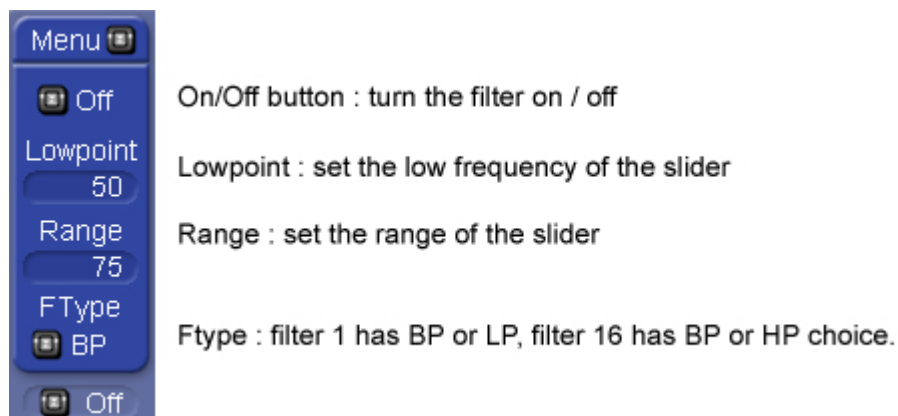
You can set Resonance level, Panning and Volume per filter.  
Below the filter section, set the on/off button to connect it to the Main Frequency Control knob.

### Filterstages :

**One filterstage is 2-pole ( 12 dB )**

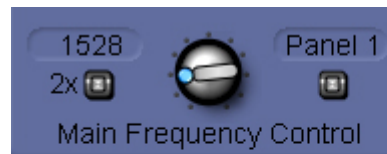
**You can choose max 8 stages per filter!**

Click on the menu button to get to the options of the frequency slider, where you can set the lowpoint and range you want the frequency slider to work at.



Changing Lowpoint and Range must be done by clicking on the display.  
Filter 1 & 16 have 2 filtertypes :  
Filter 1 has Bandpass and Lowpass and filter 16 has Bandpass and Hipass.

## Main Frequency control :



From left to right :

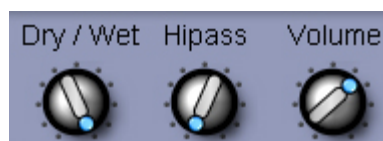
2x button : double the freq range

Master Freq knob, to shift all freq. connected.

Panel button : switch between filters 1-8 / 9-16

Use the main frequency knob to shift all filters that are connected to it, this is very handy to use instead of controlling the frequency sliders separate. Just set the frequencies on the filters to what you want, then connect it to the main frequency knob by pressing the control button under the filters ( see filtersection ).

## Master Section :



Dry / wet : use it to mix how much resonator effect you want to be able to hear.

Hipass : for quick filtering of low frequencies.

Main volume : to set the overall volume.

Have fun playing with this plugin,

This plugin was made using Synthedit version 1.015

<http://www.synthedit.com>

Graphic control elements created by Vera Kinter,

<http://www.artvera-music.com>

**VST** is a trademark of Steinberg Media Technologies.