



ReZ v1.3.1 Quick Start Guide

Installation

Just place the ReZ v.1.0.dll into your host's VST plug-in directory.

Overview

ReZ is a pretty basic synth. It's monophonic and has the typical analog synth controls and features. What makes ReZ special is its filter. It's made from multiple chained filters acting as a single big filter. It's very resonant and it tops off just barely before self oscillation. This allows you to easily play with the cutoff at extreme resonance levels with far less the risk of blowing out your speakers (and your ears!)

HINTS:

- Hover your mouse over a control will show it's full name.
- Your keyboard's mod wheel will control the cutoff.

Features:

Main control section:

VOL

-Controls the overall volume of the synth.

WAVEFORM

-Sets the oscillator type.

OCT

-Sets the pitch for your patch.

SUB

-Sub oscillator on/off. Use this to fatten up the sound or to add notes to a patch that uses noise.

Arpeggiator:

ARP MODE

-Turns on and selects the pattern type of the phrase arpeggiator. Unlike the average arp, this phrase arp's note order is not permanently locked into being sequential. Instead, it gets its note order from the order in which you play the keys. This makes it far more flexible and fun. Also, the arp will sync to an incoming MIDI clock (such as your host's BPM.)

HOLD

-When switched on, the arp will keep playing after you've let go of the keys. Note: in some circumstances, leaving this on after playing can occasionally cause a stuck note.

CH

-This selects the MIDI channel that the arp will be responding on. This will also set the channel for the note memory. (Which allows you to have a previously played, yet still pressed key, to play again once the second key is lifted. Like when you play a classic monophonic synth trill.)

OCT

-Sets the octave range for the arp.

TIME

-Sets the speed of the arp.

GATE

-Lets you adjust the note length when the arp is playing.

Portamento, Detune and PWM:

PRT

-Portamento (glide)

DT

-Detunes the internal oscillators from each other.

PW

-Sets the width of the pulse oscillator.

PW MOD

-Adjusts how much the LFO will modulate the pulse width.

SPD/WAV

-These switches control the speed and waveform of the LFO. The LFO will sync to an incoming MIDI clock.

Filter:

CUT

-Filter cutoff

REZ

-Filter resonance

VEL

-Controls how much the cutoff will react to key velocity.

CUT MOD

-Adjusts how much the LFO will modulate the cutoff.

SPD/WAV

-These switches control the speed and waveform of the LFO. LFO will sync to an incoming midi clock.

Envelopes:

ADSR (upper row)

-Amp envelope. Controls how the volume changes over time.

RT

-Envelope retrigger on/off. Sets whether or not the envelopes will retrigger when a new key is struck overtop of a held key in mono mode.

L (lower row)

-Adjusts how much the Filter Envelope will effect the cutoff.

ADSR

-Filter envelope. Controls how the cutoff changes over time.

Effects:

OD

-Turns on the overdrive.

DLY

-Turns on the delay. The delay is actually 2 delays running together. You can set the speed and pan for each delay separately.

LVL

-Controls the volume of the delay.

FBK

-Controls the delay's feedback level.

PAN

-Stereo pan controls for each delay module.

TIME

- Sets the speed for each delay. Delays will sync to an incoming midi clock.

DOT

-Dotted notes

Trouble Shooting:

Problem: A note is sticking.

Info: In some situations, the arp's hold function can cause notes to stick. So if you've got a stuck note, and the hold function is on, try turning it off.

Problem: Notes won't play on channel 1.

Info: At least one user has encountered this problem. Unfortunately the reason for this has not yet been discovered. Thus the only known solution is to play ReZ on a different channel.

Problem: Notes won't play on channel 16.

Info: I'm having this problem myself. It might be caused by the same thing that is causing some people troubles with channel 1. Once again, the only known solution is to just play ReZ on another channel. So far, no troubles have been reported on channels 2-15.

Credits:

ReZ 1.3 created by Ugo (Chris Sciorba)

Website: <http://www.cortidesign.com/ugo>

email: ugo@ix.netcom.com

This synth incorporates SynthEdit creations by:

Chris Kerry (delay / host bpm / note memory / phrase arp)

e-phonic (bpm 2 delay)

e-phonic and Ikaldor (IK-EP Para Sat)

Bones (midi sync lfo control)

Patches By:

Mark Stolk - Mystahr (MY)

Tim Conrardy (TC)

Ugo (all others)

Additional thanks to the SynthEdit Users list, www.kvr-vst.com, Steinberg for their VST format, and...of course...Jeff McClintock for creating SynthEdit.

Version History:

4/10/04 - v.1.3.1

Fixed bug in LFO 1/12 setting.

3/29/04 - v.1.3.0

New features / changes:

- Added Phrase Arpeggiator
- Added Overdrive
- New GUI
- Minor internal changes
- Added a bunch of new patches

9/03 - ReZ v.1.0

First public release

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