

Pedalboard Manual | VERB:Rhythm Filter

Description

This pedalboard brings a hall reverb with a rhythmically modulated resonant filter. There are tap tempo and subdivision controls, as well as added mix and bypass controls for the full effects chain. For an added dynamic response, there is also a bit of dynamic influence on the rhythmical modulation.

Signal Chain



Snapshots

Abduction	Long reverb, 1/8 note modulation
Sloooooow	Long reverb, very slow 1/3 note modulation
Trills	Short reverb, very fast 1/32 note modulation
Bright Snaps	Medium reverb, 1/16 note modulation, bright filter
Dark Pad	Very long reverb, 1/16 note modulation, dark filter

Sections



- 1 Automatic input signal selector, making the pedalboard automatically work well with both mono and stereo input signals
- 2 The core plugin in the pedalboard: the Dragonfly Hall Reverb
- 3 The added resonant low pass filter, the AMS VCF
- 4 The added mix and bypass controls, courtesy of the x42 Stereo X-Fade
- 5 The added dynamic modulation chain, with the left three plugins creating an envelope follower, and the last one controlling the amount of modulation on the velocity parameter of the arpeggiator
- 6 The added rhythmical modulation chain, with the infamous mindi generating a midi note, which starts the arpeggiator, which takes care of providing us with a subdivision control and is synchronized to the tap tempo control. The pitch and velocity values coming out of the arpeggiator get translated into control voltage and eventually sent to the frequency of the resonant filter which causes the rhythmical filter effect.

Controller Addressings

Page 1: All plugin parameters

Footswitches

- | | |
|------|--|
| Verb | Press to toggle the full effect chain on/off |
| TAP | Tap tempo control, sets the rate of filter modulation together with [Division] |

Knobs - I

Mix	Sets the mix of the full effects chain
Decay	Sets the decay of the Dragonfly Hall Reverb
Division	Select the subdivision of the rhythmical modulation

Knobs - II

Inv Filt	Press or turn to toggle between regular (opening) and inverted (closing) filter modulation
Freq	Sets the cutoff frequency of the resonant low pass filter
Reso	Sets the resonance of the resonant low pass filter

Knobs - III

Mod Filt	Press or turn to toggle the filter modulation on/off
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About

Version	1.0
Designed for	MOD Dwarf
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