Perun VST

PowER UNlocked
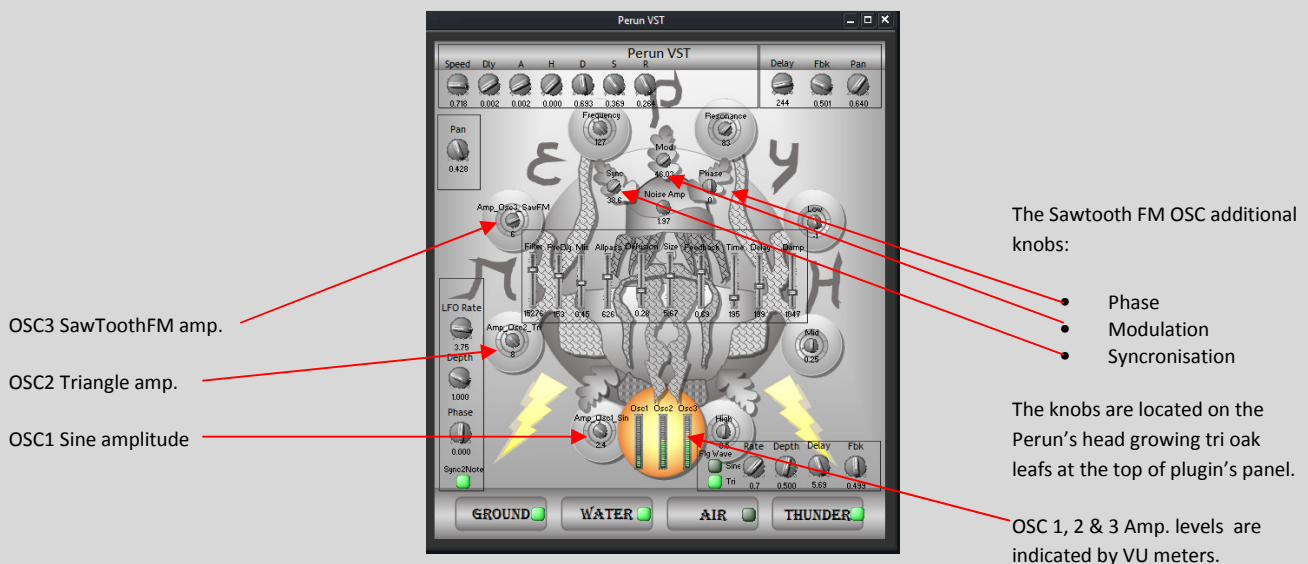
User's manual for VST plugin

Welcome to Perun VST! This short manual will help you set your Perun to get the sound climate whatever you want...

Main features of the plugin:

- 3 Oscillators (Sine, Triangle, Sawtooth FM);
- Additional Noise;
- Envelope modulation;
- Sine LFO;
- Delay effect;
- Reverb effect;
- Flanger effect;
- 3 Band Equalizer effect;
- Stereo panning;
- 4-Voices polyphony (low CPU usage);
- Bank for 32 sound presets;
- Only for 32 bit (x86) OS architecture.
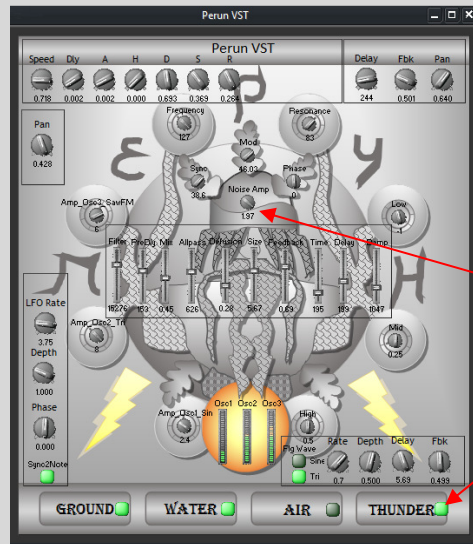- Available for FREE !

Oscillators:

The ampluitude (volume) of each oscillator can be adjusted by amplifiers (knobs) located at the bottom left side of circle layered shields in the hands of Perun.

OSC3 SawToothFM amp.

OSC2 Triangle amp.

OSC1 Sine amplitude

The Sawtooth FM OSC additional knobs:

- Phase
- Modulation
- Syncronisation

The knobs are located on the Perun's head growing tri oak leafs at the top of plugin's panel.

OSC 1, 2 & 3 Amp. levels are indicated by VU meters.

Additional Noise oscillator:

The noise oscillator can be enabled / disabled by pressing the green switch LED next to the „THUNDER" button at the bottom right side of the plugin's panel.
The noise amplitude level can be adjusted by the knob located on the center of Perun's helm.
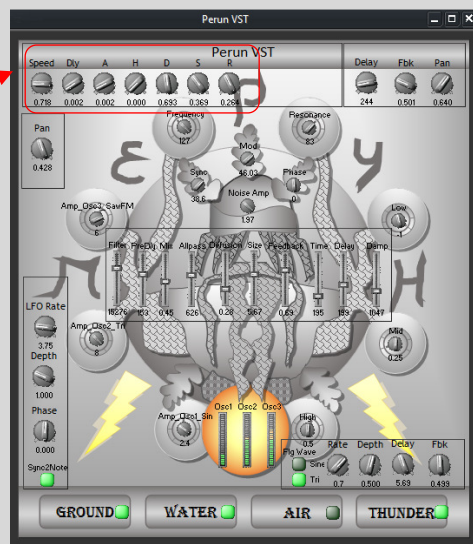

Adjust noise amplitude

Enable / Disable noise effect

Envelope modulation:

The envelope modulation knob group is located on the top left side of the plugin panel.

The envelope modulators:
- Speed
- Delay (time)
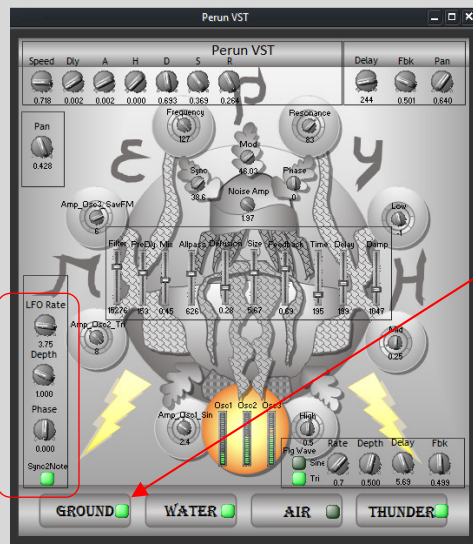- Attack
- Hold
- Decay
- Sustain
- Release

Sine LFO:

The Low Filter Oscillator (LFO) is based on the sinusoidal shape of the signal. It can be enabled / disabled by pressing the switch LED located next to the „GROUND" button on the bottom left side of the plugin's panel. The Sine LFO knob group is located at the bottom left side of the plugin's panel.

The Sine LFO panel:
- LFO Rate
- LFO Depth
- LFO Phase
- Sync2Note Option
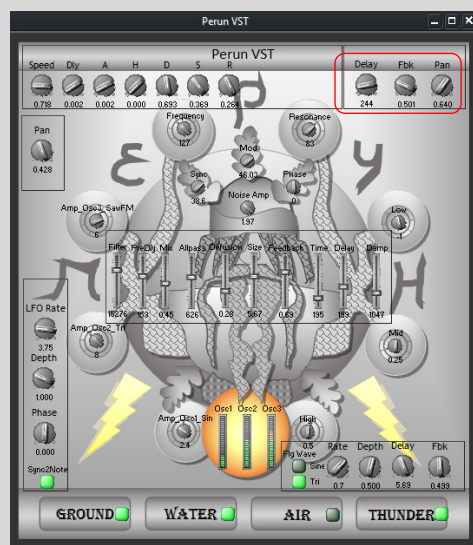
Enable / Disable Sine LFO

Delay effect:

The Delay effect is always enabled until you set up the „Delay" and „Feedback" knobs values to 0 (zero). The delay effect knob group is located at the top right side of the plugin's panel.

The Delay panel:
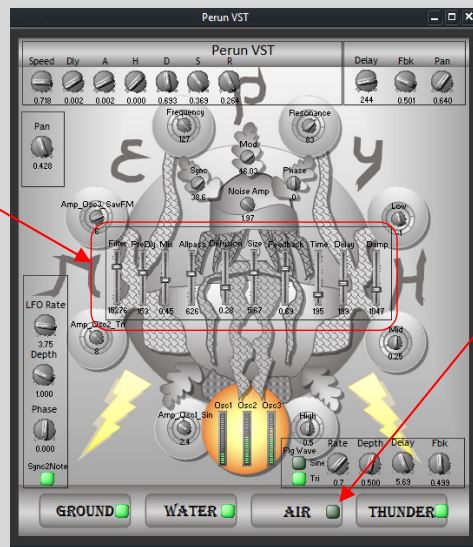- Delay time
- Feedback
- Panorama

Reverb effect:

The Reverb effect can be enabled / disabled by pressing the switch LED located next to the „AIR" button on the bottom side of the plugin's panel. The reverb effect knob group is located on the centre part of the plugin's panel field (on the Perun's chest and face).

The Reverb panel:
- Filter
- PreDelay
- Mix
- Allpass
- Diffusion
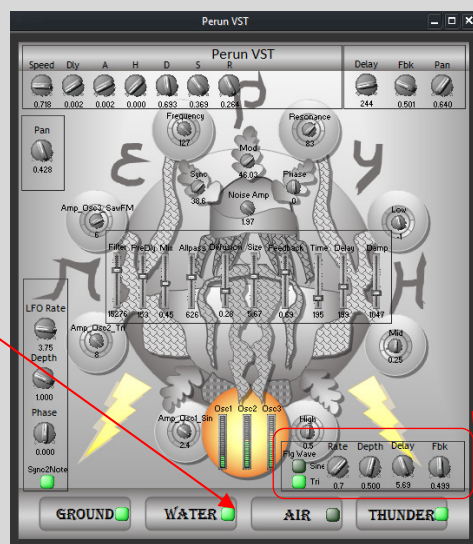- Size
- Feedback
- Time
- Delay
- Dump

Enable / Disable Reverb effect

Flanger effect:

The Flanger effect can be enabled / disabled by pressing the switch LED located next to the „WATER" button on the bottom side of the plugin's panel. The flanger effect knob group is located on the bottom right part of the plugin's panel.
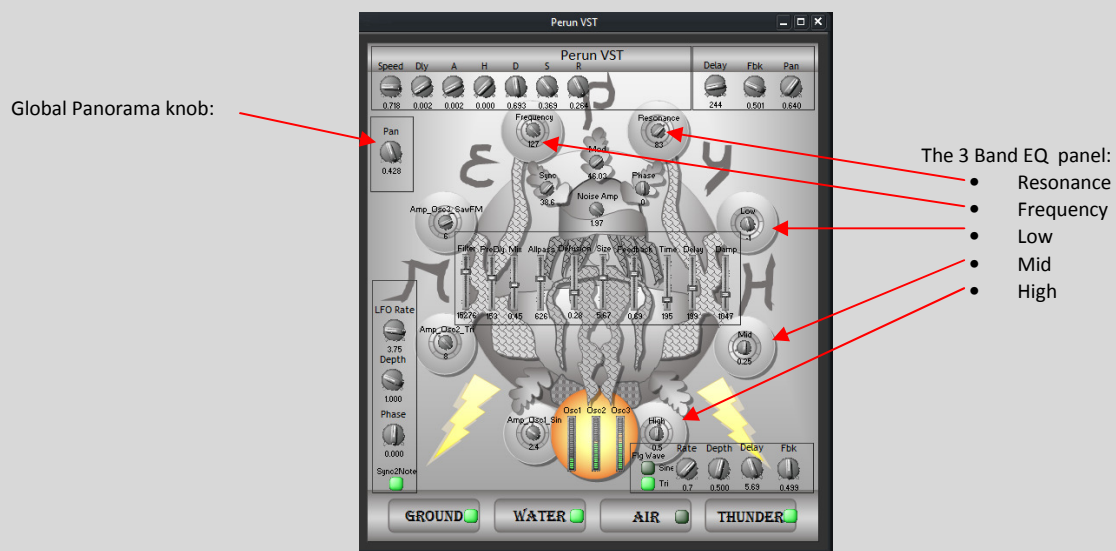
Enable / Disable Flanger effect

The Flanger panel:
- Flanger wave option (Sine, Tri)
- Flanger Rate
- Flanger Depth
- Flanger Delay
- Flanger Feedback

3 Band Equalizer effect & Panorama knob:

The 3 Band Equalizer effect is always enabled and can increase / decrease the amplitude level of „low", „mid" and „high" signal fraquencies. It gives also abilities to set the Frequency and Resonance levels. The 3 Band Equalizer effect knobs are placed on the top and right shields holded by the Perun. The global panning knob is located at the top left side of the plugin' s panel.

Global Panorama knob:

The 3 Band EQ panel:
* Resonance
* Frequency
* Low
* Mid
* High

License & author information:

The Perun VST is FREE plugin created by Piotr Kotowski in Macaw (DAW) and comes with no warranty. It is available „as is" and the author is not responsible for any software or hardware damage caused by using the plugin. The „Macaw" is the free DAW created by Robin Holmes. The VST is registered trademark by Steinberg Media Technologies GmbH. The Perun VST exists thanks to the polish technological thought and has been made 100 % in Poland. For more software from the author, visit SuorceForge.net profile here:

https://sourceforge.net/u/peter-cat/profile/

Have a nice day!

Piotr Kotowski