SÄGEZAHN

MANUAL 1.1

Thank You

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How to install

To install, unzip and drag the instrument-folder to any hard drive. Launch Kontakt 4 and load the .nki instruments. Please do not move any file! By installing the product you accept the enclosed product license agreement.
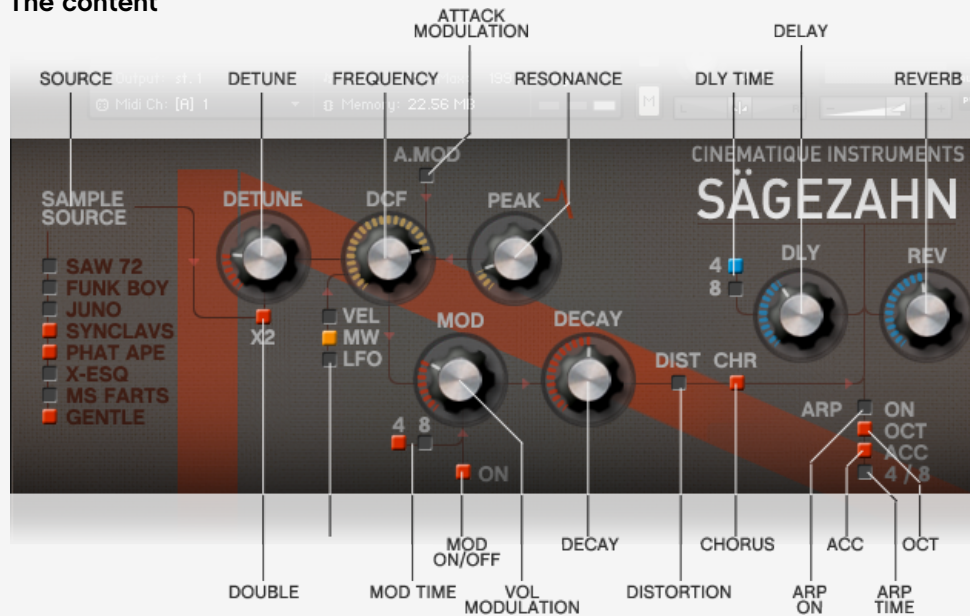
The instrument

It´s simple! Sägezahn is the German term for saw (sawtooth) – a certain type of signal generator wave, especially used in older times when synthesizers used subtractive synthesis, which is a simple acoustic model that works with a simple signal generator followed by filter, envelopes and LFOs. Sägezahn contains an assortment of sounds which were made by using the nasty sawtooth generator/ oscillators and filters of the Korg MS20, Roland JX-3P, Ensoniq ESQ-1 and Electro Harmonix Microsynth. Be assured Sägezahn is suitable for almost every music genre, even film-score.

What we did

We sampled all mentioned machines and processed and edited the sounds enriched by filter works. In 2015 we updated the Sagezahn from the scratch. Firstly we put together all separate patches into one complex patch covered by a brand new GUI. It is now possible to play all the former saw patches as sample source at one time. You can layer many of them - as much as you like.

Furthermore we created a realistic „synthesizer" gui, with lots of options and abilities to tweak the entire sound. You can modulate the filter and the volume, control the resonance, the decay or the attack period of the freqeuncy. You can add a distortion, aa chorus or just detune a doubled set of voices. Finally we equipped the Sagezahn with a simple but effective arpeggiator. All makes great fun and is now free to use.

The content

Source   these are the sample set which are the source/ wave of the patch.
                You can layer as much as you like. Available are the following
                sets:

                Saw 72   fat and warm saw
                Funk Boy   punchy and phasing saw
                Juno   typical saw
                SyncClavs   typical Juno clavinet simulation
                Phat Ape   big and aggressive saw
                X-esq   80ies alike saw
                MS Fart   1 Osc pure saw of Korg MS20
                MS Dbl Saw   2 Osc pure saw of Korg MS20

Double   if checked it doubles the voices/ sample sources

Detune   detunes the doubled voices in relation to the main voices

Frequency	controls the frequency of a lowpass filter
Freq Mod	chose bewteen 3 types to modulate the filter frequency. VEL – the velocity controls the frequency MW - themodwheel controls the frequency LFO – the frequency will be modulated automatically
Resonance	controls the resonance of a four pole lowpass filter
Attack Modulation	if checked it gives a light attack modulation to the filter frequency
Dly Time	sets the delay time between 4th and 8th notes
Delay	controls the amount of delay
Reverb	controls the amount of reverb
Vol Modulation	controls the intensity of the volume modulation
Mod Time	sets the time of volume modulation between 4th and 8th notes
Mod on/off	enables the volume modulation
Decay	controls the decay of the sound envelope
Distortion	enables distortion
Chorus	enables chorus in order to spread the signal
Arp On	enables a simple one octave arpeggiator
Acc	if checked every second note will be accented
Arp Time	sets the arpeggiator time between 4th and 8th notes
Oct	spread the arpeggiator over two octaves

We wish you a great deal of fun and inspiration using our instruments.
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