

DALMATIAN

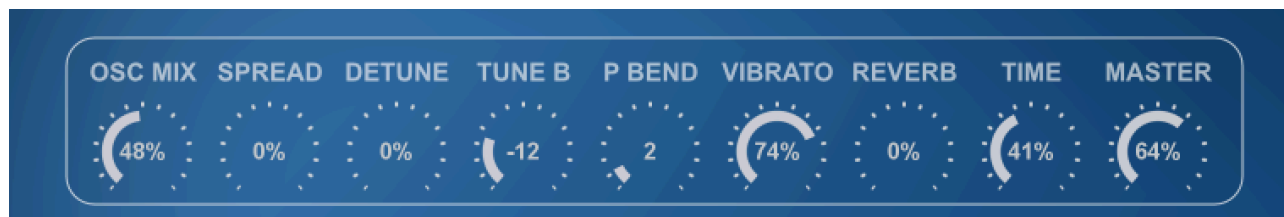
Introduction



Dalmatian is based on multi-sampled analog oscillators sampled from a Behringer MS-1, which is a replica of the Roland SH-101. The 101 has a distinctive sound & is a classic synthesiser, Dalmatian is an attempt to bring those waveforms into a polyphonic synth system and utilise them in a different way.

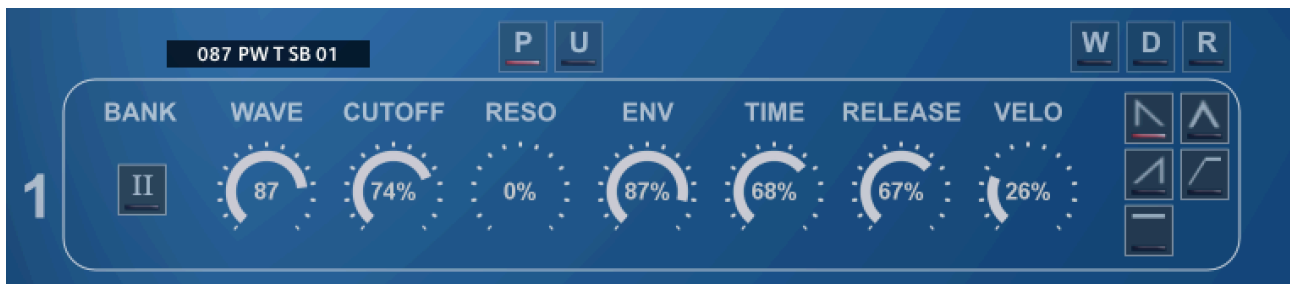
There are 218 multi-sampled 'Oscillators' which are sampled at 96khz providing a high resolution. They are intended to capture most combinations of the the MS-1 Oscillator mixer which consists of Pulse, Saw, Triangle & Sub Oscillator.

Global Options



- OSC MIX - This Mixes between the two virtual oscillators to achieve the desired balance.
- SPREAD - Pans the Oscillators away from the centre in opposite directions
- DETUNE - Detunes the Oscillators away from each other in opposite directions.
- TUNE B - Semitone Tuning for Oscillator 2.
- PITCH BEND - Sets the range of the Pitch Bender between 0 and 24 semitones.
- VIBRATO - Sets the speed of the Vibrato LFO, use the mod Wheel for Vibrato amount.
- REVERB AMT - The amount of signal sent to the reverb.
- REVERB TIME - The length of the Reverb Time.
- MASTER VOLUME - Master volume of the instrument.
- SHADE - Applies a Colour top the GUI.
- W - Randomise both the Oscillator waveforms.
- D - Load Default Settings
- R - Global randomise, this will randomise all values.

Synths



There are 2 synths (oscillators) with identical settings:

- BANK - There are 2 banks of 109 samples, II will use the second bank and the % button will switch between the 20% and 40% versions.
- WAVE - Selects the waveform, it can be selected via the knob or the menu.
- CUTOFF - The frequency Cutoff of the Filter.
- RESONANCE - The Resonance of the filter.
- ENV - The amount of Envelope applied to the cutoff.
- ENV TIME - This will decide will decide the envelope time of the selected shape.
- RELEASE - The release time of the Envelope.
- VELOCITY - The velocity sensitivity of the Oscillator.
- SHAPE - Selects the Shape of the Envelopes. Note that this is for both Volume & Filter Envelopes.
 - STAB - Full Attack to zero
 - BRIDGE - Equal Attack and Decay time to zero.
 - ATTACK - Attack time to full & then zero.
 - ATTACK 2 - Attack Time to full Sustain.
 - SUSTAIN - Full Sustain.
- P (PHASER) - Adds a classic phaser to the synth section.
- U (UNSTABLE) - Adds a random meandering pitch modulation to the synth section, it's subtle but adds some analog character.
- W - Randomises the Bank/Waveform.
- D - sets to Default.
- R - Randomises the Synth.