Ocean Swift Synthesis - Pi Super Mini / Pi Feedback Mini

Controls

Feedback Osc

Coarse: Coarse tuning for the osc in semitone increments.
Harmo: Harmonic setting for the feedback circuit.

FB: Feedback amount parameter.
Mode: Selection of three modes for the feedback circuit.

Super Osc

Coarse: Coarse tuning for the osc in semitone increments.
Mix: Crossfade mix between the original saw and the detuned supersaws.
Detune: Amount of overall detune applied to the supersaws.

Amp

ADSR Envelope: Amplifier envelope with attack, decay, sustain and release controls.
Slope: Slope control for the decay and release of the envelope.
Vel: Bipolar velocity response modulation control of the envelope's overall level. At the center position no modulation occurs.

Filter

Cut: The cutoff point of the filter.
Res: The resonating quality of the filter.
Env: Depth of modulation applied to the filter by its envelope.
KBT: Midi note tracking of the filter cutoff. On Center position no tracking occurs.
ADSR Envelope: Cutoff modulation envelope with controls for attack, decay, sustain and release.
Slope: Slope control for the decay and release of the envelope.
Vel: Bipolar velocity response modulation control of the envelope's overall level. At the center position no modulation occurs.

Main Controls

Midi Channel: The midi channel the device will respond to.
Porta: Turns portamento on and off.
Time: Glide time when portamento is turned on.
HP Track: Highpass filter with the cutoff set to track the frequency of the incoming midi notes. Especially useful on some supersaw and feedback osc scenarios as well as other situations where thinner yet cleaner sounds are appropriate.
Gain: The overall volume of the device.

Credits

Circuit Design: Yaron Eshkar
Gui Design: Fernando Abreu

Web

http://www.oceanswift.net
https://www.facebook.com/oceanswiftsynthesis/