

USEFUL GUILDE

FRONT PANEL



INTRODUCTION

Congratulations on getting the TransFluxer Lo-Fi Soundscaping Multi-Drone Effect – a powerful toolkit for your Reason rack!

Designed for sonic exploration and creative transformation. With TransFluxer, you can craft immersive atmospheres and evolve your sounds in exciting and unpredictable ways.

ALGORITHMS?

In the lower left corner you'll find the routing ALGORITHM selector. The first modules in the chain can be routed in 26 different ways.

The re-routable modules are:

FILTER 1, GLITCH, DELAY, REVERB 1 & TAPE

As an example, if you feed TransFluxer a very simple sound, like a single drum hit or a plucky instrument, you can select a routing that puts the REVERB 1 before the GLITCH module, to give it more material to work with.

ALGORITHMS

A:	Filter 1 → Glitch → Delay → Reverb 1 → Tape
B:	Filter 1 → Glitch → Reverb 1 → Delay → Tape
C:	Filter 1 → Reverb 1 → Glitch → Delay → Tape
D:	Filter 1 → Reverb 1 → Tape → Glitch → Delay
E:	Filter 1 → Delay → Reverb 1 → Glitch → Tape
F:	Filter 1 → Tape → Reverb 1 → Glitch → Delay
G:	Reverb 1 → Glitch → Delay → Filter 1 → Tape
H:	Reverb 1 → Glitch → Delay → Tape → Filter 1
I:	Reverb 1 → Glitch → Filter 1 → Tape → Delay
J:	Reverb 1 → Filter 1 → Glitch → Delay → Tape
K:	Reverb 1 → Delay → Tape → Filter 1 → Glitch
L:	Delay → Reverb 1 → Glitch → Filter 1 → Tape
M:	Delay → Reverb 1 → Filter 1 → Glitch → Tape
N:	Delay → Glitch → Reverb 1 → Tape → Filter 1
O:	Delay → Tape → Filter 1 → Reverb 1 → Glitch
P:	Delay → Glitch → Filter 1 → Tape → Reverb 1
Q:	Glitch → Filter 1 → Reverb 1 → Delay → Tape
R:	Glitch → Reverb 1 → Filter 1 → Delay → Tape
S:	Glitch → Delay → Reverb 1 → Tape → Filter 1
T:	Glitch → Tape → Filter 1 → Reverb 1 → Delay
U:	Glitch → Reverb 1 → Tape → Filter 1 → Delay
V:	Tape → Reverb 1 → Glitch → Filter 1 → Delay
W:	Tape → Reverb 1 → Filter 1 → Glitch → Delay
X:	Tape → Glitch → Reverb 1 → Delay → Filter 1
Y:	Tape → Filter 1 → Reverb 1 → Delay → Glitch
Z:	Tape → Delay → Filter 1 → Glitch → Reverb 1



MODULES

INPUT

Audio input LEVEL control and meter.

TAPE

The tape module introduces pitch and amplitude WOBBLE. Turn STYLE counterclockwise for random drift, or clockwise for regular wow. LOFI adds saturation and filtering; counterclockwise for darker tones, clockwise for brighter. STYLE, WOBBLE, and LOFI all interact and affect the depth and speed of modulation. On the backside, you'll find a setting for AUTO HISS.

Multi-Mode VCF 1 & 2

VCF1 is a dual filter with a bipolar control. The filters are combined and somewhat overlapping. The built-in ENVELOPE FOLLOWER can push the VCF1 frequency either positively or negatively, depending on the incoming signal. VCF2 is a traditional multi mode filter with settings for highpass, bandpass and lowpass slopes, resonance and a knob for MOD control. On the backside, you'll find CV inputs for modulating the cutoff FREQUENCY.

FLANGER

The flanger comes with 4 different modes, ranging from MELLOW to EXTREME. Control the DEPTH and RATE of the effect using the provided knobs.

REVERB 1 & 2

Each reverb has 3 unique modes with controls for TONE, DECAY, and MIX. For creative results, try placing REVERB 1 before the GLITCH module so it generates decaying tones that can be chopped by the GLITCH modulator.

MODULATOR & DESIGNATOR

The MODULATOR configures the modulation source. Select a waveshape or design your own using the 5 knobs and set the number of STEPS. Use the DESIGNATOR to route the modulation signal to various parameters across the device.

WAVESHAPING

The waveshaper has 11 different shapes (illustrated to the right) that can drastically color or destroy sound. The Inverted Weighted, Sparse, and Fragile shapes are ideal for adding crackling and gives a "broken" sound. The Sine and Tanh shapes add warmth and gentle saturation, Sines (plural) can be used for creating an FM-like vibe. Crush 1 & 2 offer a digital, bit-reduced type of distortion. DRIVE controls the signal level being pushed through the waveshaper. TONE adjusts the tonality, LEVEL sets the shaped signal's volume, and MIX blends it with the unshaped input signal.

LOFI

This module reduces BIT depth and RATE. It also features a saturation BOOST. Use the QUALITY knob to adjust the effect.

COMPRESSOR & LIMITER

A simple but effective COMPRESSOR allows you to tame the signal. It automatically adjusts release and attack according to the signal content. The RATIO is also influenced by the signal and can be controlled with a knob to determine how much compression is applied. The THRESHOLD sets the decibel level at which compression begins. The LIMITER clips the signal according to the selected mode: SOFT, HARD, or CLIP.

EQ

A simple yet effective parametric equalizer with TOP and BASS shelves, MID FREQ, GAIN, and Q controls. There is CV input on the back for MID FREQ.

PAN

PAN the wet signal in the stereo field. Animate the panning using the MOD knob. Panning can also be animated by injecting a control voltage signal at the CV jack on the backside panel.

OUTPUT

Audio output LEVEL control and meter, with a dry/wet MIX control. The MIX amount can be animated using control voltage via the back panel CV jack.

INDIVIDUAL AUDIO IN- & OUTPUT JACKS

GLITCH, DELAY & WAVESHAPING modules all have independent audio in- & output jacks on the back panels. These can be used for advanced routing according to your creative needs.

PATCH BROWSER

Use this to save your favorite setups!

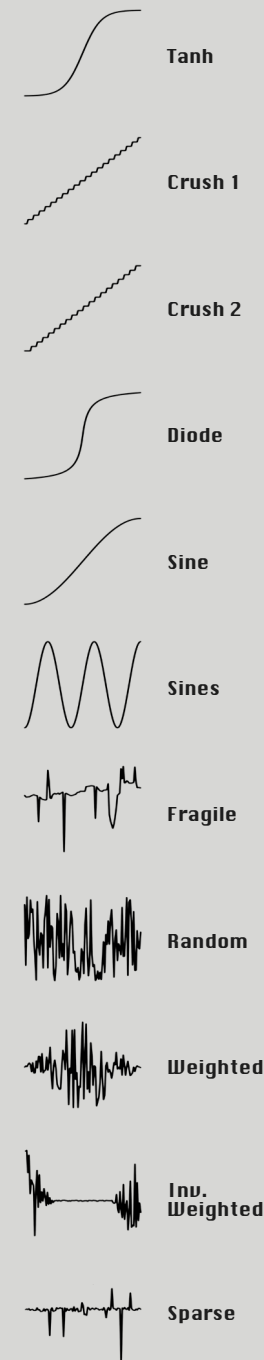
GLITCH & DELAY

The GLITCH and DELAY modules are covered on separate pages.

INDIVIDUAL IN/OUT AUDIO JACKS

GLITCH, DELAY & WAVESHAPING modules have independent in/out jacks that insert the audio straight to the module, and taps it straight after – for advanced and/or creative custom routings.

WAVESHAPES



GLITCH

The GLITCH module is a versatile tool for adding rhythmic complexity, unpredictability, and rich textures to your audio. Featuring a beat mask system that controls repeats, gating, re-pitching, and audio reversal, combined with polyrhythmic subdivisions, bit reduction, and a granular delay, this module is designed to transform and reshape your sound in many ways. It can craft intricate and captivating timbres from even the simplest inputs. The true charm of this device lies in exploring its balance between logic structure and surprising chaos, discovering results that are as unexpected as they are inspiring.

RHYTHM

The RHYTHM knob selects one of 128 preset rhythms, each consisting of a set of rules for timing, loop lengths, effect probability etc.

CONTROL BUTTONS - REPEAT, GATE, REVERSE/REPITCH & DELAY

These buttons enable or disable individual effects to customize the processing for the selected rhythm.

GATE: Silences or dampens steps, reduced grain density in the delay function.

REPEAT: Introduces rhythmic stuttering by chopping a piece of audio and repeat it.

REPITCH & REVERSE: Alters pitch or reverses specific steps and enables repitching and direction alterations of the delay. Enables pitchshifting and direction alterations of in the delay function.

DELAY: Adds delay with the time set by RATE buttons:

2 = 2/4
4 = 1/4
8 = 1/8
16 = 1/16
32 = 1/32

The DELAY is fairly straight and gentle, the feedback is controlled by DEPTH and INTENSITY knobs, it will become increasingly complex, varying the grain size and stereo pan variation by adding more intensity and depth.

The DELAY is also affected by the GATE and REPITCH/REVERSE buttons, introducing gaps, allowing pitch shifting and randomized parameters. This delay is part of the GLITCH module and not related to the DELAY module.

CRUSH

The CRUSH knob adds lo-fi character through rhythmic bit and sample rate reduction. The intensity is controlled by the CRUSH knob and CV input, and is scaled by the INTENSITY and DEPTH knobs. The CRUSH pattern is set by RHYTHM and RATE and it interacts with bit reducer stages in the GLITCH module and the WAVESHAPING & LOFI modules if they're activated. The bit and rate reduction modulation loops have different lengths and varying degrees of randomness that interplay to create rhythmically interesting effects.

INTENSITY & DEPTH

These two knobs are used to dial in the intensity and depth of the effects. They work together and affects many aspects within the module. To simplify one could describe INTENSITY as affecting how often and how aggressive things happen, while DEPTH is more like a DRY/WET mix that also effects depth and amplitude of modulation.

MOD KNOBS

The MOD knobs will add modulation from the MODULATOR section to aspects of the parameters above.

CV INPUTS

The GLITCH module have 3 CV input jacks available on the backside; CRUSH, INTENSITY & DEPTH

The DELAY module is a granular pitch-shift and delay effect that can accomplish traditional echo effects but also glitchy and rhythmic weirdness.

L.CUT & H.CUT

Low cut and high cut – use these knobs to filter the delay signal before output and delay feedback.

RATE

The RATE knob set's the DELAY time from 1ms to 2000ms or 1/32 to 4/4.

SYNC

Synced delay times

[<][<>][>]

These buttons determines the direction of the delays, reverse, pendulum or forward.

[(0)]

This button activates the stereo effects on the feedback, ping-pong that can be modulated by randomizing

DELAY

RND PITCH: Bipolar control, turning RND PITCH counter-clockwise first introduces alternating pitch; even grains have this value added to their pitch, odd grains have it subtracted. -50% adds/subtracts 12 semitones, past -50% it will also start introducing random values to the pitch, -100% is then 12semi alternating + 12 semi random. If you turn it clockwise it will be the opposite, first it introduces randomness, with up to 12 semitones at 50%, then adds alternating pitch up to 100%

RND SIZE: Bipolar control, similar to the RND PITCH this has inverted behavior for clockwise/counter-clockwise. Counter-clockwise it will first randomize the grain size, then after -50% also start varying the grain playback position. Clockwise it will first vary grain playback position and after 50% start varying the grain size.

CV INPUTS

The DELAY module have 3 CV input jacks available on the backside; PITCH, FEEDBACK, MIX

GLITCH RHYTHMS

RHYTHM INDEX

The 128 RHYTHMS are constituted by a set of rules. Depending on what functions are activated, the 8-digit mask will be applied according to the amount of intensity and depth. Here are all rhythms listed with their beat mask and delay repitch and direction values.

Grid/Beat Mask (8 Digit number - unique for each RHYTHM)

How each beat can be processed. Consists of 8 digits (beats 1 to 8) which are each a sum of the following values: 1=can gate, 2=can repeat, 4=can repitch or reverse.

Group 1: Rhythm Patterns 1-32

Grid/Beat: 1, Crush Loop Lengths: 16, 8

Rhythm 1:	01463247	+12	Forward
Rhythm 2:	00371657	0	Reverse
Rhythm 3:	70076000	+7	Alternate
Rhythm 4:	50104620	+24	Random
Rhythm 5:	10642050	-12	Forward
Rhythm 6:	30400310	+12	Reverse
Rhythm 7:	40603010	0	Alternate
Rhythm 8:	10320401	+7	Random
Rhythm 9:	70104050	+24	Forward
Rhythm 10:	32041607	-12	Reverse
Rhythm 11:	05324631	+12	Alternate
Rhythm 12:	31702743	0	Random
Rhythm 13:	51407102	+7	Forward
Rhythm 14:	31600725	+24	Reverse
Rhythm 15:	73165720	-12	Alternate
Rhythm 16:	02730615	+12	Random
Rhythm 17:	70325146	0	Forward
Rhythm 18:	57313620	+7	Reverse
Rhythm 19:	13574601	+24	Alternate
Rhythm 20:	57302615	-12	Random
Rhythm 21:	04107530	+12	Forward
Rhythm 22:	63527124	0	Reverse
Rhythm 23:	02305706	+7	Alternate
Rhythm 24:	01101307	+24	Random
Rhythm 25:	13340650	-12	Forward
Rhythm 26:	30605320	+12	Reverse
Rhythm 27:	53173157	0	Alternate
Rhythm 28:	03647207	+7	Random
Rhythm 29:	70314520	+24	Forward
Rhythm 30:	50670327	-12	Reverse
Rhythm 31:	73620135	+12	Alternate
Rhythm 32:	01325073	0	Random

Group 2: Rhythm Patterns 33-49

Grid/Beat: 2, Crush Loop Lengths: 8, 16

Rhythm 33:	13570420	+7	Forward
Rhythm 34:	71305360	+24	Reverse
Rhythm 35:	13057620	-12	Alternate
Rhythm 36:	71050326	+12	Random
Rhythm 37:	37613057	0	Forward
Rhythm 38:	01657031	+7	Reverse
Rhythm 39:	25370602	+24	Alternate
Rhythm 40:	30671032	-12	Random
Rhythm 41:	71301450	+12	Forward
Rhythm 42:	03720365	0	Reverse
Rhythm 43:	50327613	+7	Alternate
Rhythm 44:	13602543	+24	Random
Rhythm 45:	30761451	-12	Forward
Rhythm 46:	71602530	+12	Reverse
Rhythm 47:	13607402	0	Alternate
Rhythm 48:	02537146	+7	Random
Rhythm 49:	31765103	+24	Forward

Group 3: Rhythm Patterns 50-60

Grid/Beat: 4, Crush Loop Lengths: 12, 5

Rhythm 50:	37620531	-12	Reverse
Rhythm 51:	53173117	+12	Alternate
Rhythm 52:	13657102	0	Random
Rhythm 53:	07601352	+7	Forward
Rhythm 54:	02731653	+24	Reverse
Rhythm 55:	35071602	-12	Alternate
Rhythm 56:	50360723	+12	Random
Rhythm 57:	71350401	0	Forward
Rhythm 58:	13602307	+7	Reverse
Rhythm 59:	70635023	+24	Alternate
Rhythm 60:	30615023	-12	Random

Group 4: Rhythm Patterns 61-70

Grid/Beat: 8, Crush Loop Lengths: 4, 6

Rhythm 61:	57623013	+12	Forward
Rhythm 62:	13051607	0	Reverse
Rhythm 63:	71350162	+7	Alternate
Rhythm 64:	53170342	+24	Random
Rhythm 65:	01343247	-12	Forward
Rhythm 66:	00371357	+12	Reverse
Rhythm 67:	70707000	0	Alternate
Rhythm 68:	00170170	+7	Random
Rhythm 69:	40457045	+24	Forward
Rhythm 70:	20733012	-12	Reverse

Group 5: Rhythm Patterns 71-85

Grid/Beat: 3, Crush Loop Lengths: 6, 9

Rhythm 71:	21760161	+12	Alternate
Rhythm 72:	00137075	0	Random
Rhythm 73:	60542104	+7	Forward
Rhythm 74:	40717071	+24	Reverse
Rhythm 75:	37077070	-12	Alternate
Rhythm 76:	00720727	+12	Random
Rhythm 77:	01301304	0	Forward
Rhythm 78:	21770717	+7	Reverse
Rhythm 79:	10750750	+24	Alternate
Rhythm 80:	77717701	-12	Random
Rhythm 81:	10771707	+12	Forward
Rhythm 82:	07177171	0	Reverse
Rhythm 83:	47407420	+7	Alternate
Rhythm 84:	00130170	+24	Random
Rhythm 85:	14270114	-12	Forward

Group 6: Rhythm Patterns 86-97

Grid/Beat: 5, Crush Loop Lengths: 10, 5

Rhythm 86:	20047021	+12	Reverse
Rhythm 87:	03716427	0	Alternate
Rhythm 88:	01270627	+7	Random
Rhythm 89:	27017701	+24	Forward
Rhythm 90:	47117711	-12	Reverse
Rhythm 91:	00777707	+12	Alternate
Rhythm 92:	07340777	0	Random
Rhythm 93:	10707777	+7	Forward
Rhythm 94:	07017701	+24	Reverse
Rhythm 95:	42222077	-12	Alternate
Rhythm 96:	01100007	+12	Random
Rhythm 97:	00200115	0	Forward

Group 7: Rhythm Patterns 98-108

Grid/Beat: 6, Crush Loop Lengths: 12, 6

Rhythm 98:	07007007	+7	Reverse
Rhythm 99:	20020072	+24	Alternate
Rhythm 100:	07012531	-12	Random
Rhythm 101:	00727076	+12	Forward
Rhythm 102:	11717147	0	Reverse
Rhythm 103:	07077771	+7	Alternate
Rhythm 104:	37737733	+24	Random
Rhythm 105:	73710717	-12	Forward
Rhythm 106:	01717777	+12	Reverse
Rhythm 107:	27770372	0	Alternate
Rhythm 108:	02046016	+7	Random

Group 8: Rhythm Patterns 109-128

Grid/Beat: 1, Crush Loop Lengths: 8, 16

Rhythm 109:	20760472	+24	Forward
Rhythm 110:	47673071	-12	Reverse
Rhythm 111:	10670754	+12	Alternate
Rhythm 112:	67767767	0	Random
Rhythm 113:	21777777	+7	Forward
Rhythm 114:	07077777	+24	Reverse
Rhythm 115:	50505000	-12	Alternate
Rhythm 116:	50020501	+12	Random
Rhythm 117:	01303107	0	Forward
Rhythm 118:	07776070	+7	Reverse
Rhythm 119:	51713172	+24	Alternate
Rhythm 120:	27307077	-12	Random
Rhythm 121:	07713371	+12	Forward
Rhythm 122:	27717177	0	Reverse
Rhythm 123:	01111176	+7	Alternate
Rhythm 124:	00130007	+24	Random
Rhythm 125:	45554557	-12	Forward
Rhythm 126:	13322667	+12	Reverse
Rhythm 127:	06676067	0	Alternate
Rhythm 128:	77777777	+7	Random

Glitch Rate (2, 4, 8, 16, 32)

Glitch Rate, size of the grid defining the steps audio is cut into

Rate 2:	Reverse Offset	0.5	Beat
Rate 4:	Reverse Offset	0.25	Beat
Rate 8:	Reverse Offset	0.5	Beat
Rate 16:	Reverse Offset	0.5	Beat
Rate 32:	Reverse Offset	1	Beat

BACK PANEL



THANKS

RORY / DEEP LINK AUDIO

TENDEKAI/ FLVZ MUSIC

YUNG SKART

PAUL ORTIZ

A.I.Z

RANDOM NOISE

MARTIN JARL

**Thank you for supporting
Ekssperimental Sounds Studio!**

Ekssperimental Sounds Studio is a one man project driven by the passion for experimental electronic sounds, new and old synthesizers and music gear. As a Reason user since 2001 it truly is a dream come true to finally be able to create my own synthesizers and effects for the Reason rack. Thanks to all of you who buy my products I can continue to learn and develop more fun and inspiring devices for our beloved rack.

I hope you will enjoy TransFluxer!

Cheers,
Erik Söderberg 2024



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