TRANSITION
digiTs

Manual

Introduction

Transition & digiTs are based around a simple idea of cross fading between 2 waveforms or alternatively the Mod Wheel can be used for a manual fade position.

Both Transition & digits share the same Synth engine but each uses a distinct sample set.

Transition uses multi-sampled waveforms sampled from various oscillators from the Korg NTS-1.

DigiTs uses a selection of sampled waveforms created with an Electron Digitone for a distinct FM flavour.

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

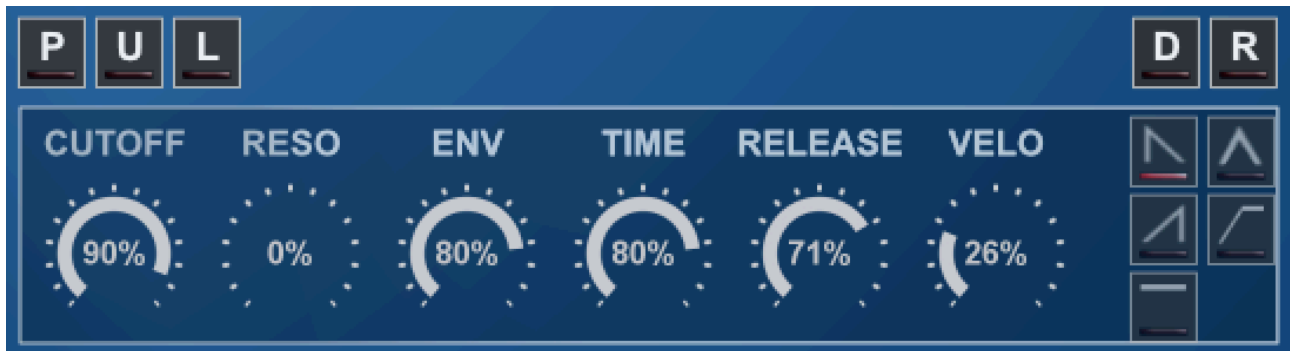- R - Global randomise, this will randomise all values.

Crossfading Waveforms

There are 2 oscillators and this section controls the crossfade between them.

- MOD WH - This enables Mod Wheel mode which allows manual cross fading between the 2 waveforms manually using the Mod Wheel. In this mode, the LFO, vibrato and Oscillator mix are disabled.

- RETRIG - Determines whether the LFOs should reset with each new triggered note so they behave polyphonically.

- USER - This switches between using the Factory waveforms or using user samples loaded via the SAMPLE MANAGER Panel.

- FREQ - The speed of the crossfade, which goes from very slow to AM rates.

- FADE IN - The crossfade can Fade in gradually at the start of each new note, this controls the time.

- WAVE 1 - Selects the first Oscillator waveform between 1-127.

- WAVE 2 - Selects the second oscillator waveform

- RANDOM - This adds Random fluctuation to the crossfade adding a slightly broken characteristic.

- W - These buttons will randomise the specific Waveform

- D - sets the section to Default Values.

- R - Randomizes this sections values.

Synth Parameters

- CUTOFF - The Filter Cutoff Frequency

- RESONANCE - The Resonance of the Low Pass Filter,

- ENV - The amount of envelope applied to the Filter Cutoff.

- Overall time of the Filter Envelope.

- RELEASE - Release Time of the Amp Envelope.

- VELO - The velocity sensitivity of the Synth.

- 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.

- L (LOFI) - Switches on Lofi Mode which reduces the bit depth & sample rate.

- W - Randomises the Bank/Waveform.

- D - sets to Default.

- R - Randomises the Synth.

Sample Manager

Drop Samples anywhere to add to the next available slot.
Reorder will get rid of any gaps
Clear All unloads all samples.

IMPORT   EXPORT
CLEAR ALL

0	012-MS-1-PS 01-036 C1	X
1	013-MS-1-PS 02-036 C1	X
2	014-MS-1-PS 03-036 C1	X
3	015-MS-1-PT 01-036 C1	X
4	016-MS-1-PT 02-036 C1	X
5	017-MS-1-PT 03-036 C1	X
6	171-MS-1-S Res 08-036 C	X
7	171-MS-1-S Res 08-048 C	X
8	171-MS-1-S Res 08-060 C	X
9	171-MS-1-S Res 08-072 C	X
10	172-MS-1-S Res 09-036 C	X
11	173-MS-1-S Res 10-036 C	X
12	174-MS-1-S Res 11-036 C	X
13	175-MS-1-S Res 12-036 C	X
14	176-MS-1-S Res 13-036 C	X
15	177-MS-1-S Res 14-036 C	X
16	178-MS-1-S Res 15-036 C	X
17	179-MS-1-S Res 16-036 C	X
18	180-MS-1-S Res 17-036 C	X
19	181-MS-1-S Res 18-036 C	X
20	182-MS-1-S Res 19-036 C	X
21	183-MS-1-T Res 01-036 C	X
22	184-MS-1-T Res 02-036 C	X
23	185-MS-1-T Res 03-036 C	X
24	186-MS-1-T Res 04-036 C	X
25	187-MS-1-T Res 05-036 C	X
26	188-MS-1-T Res 06-036 C	X
27	189-MS-1-T Res 07-036 C	X
28	190-MS-1-T Res 08-036 C	X
29	191-MS-1-T Res 09-036 C	X
30	192-MS-1-T Res 10-036 C	X
31	193-MS-1-T Res 11-036 C	X

32	194-MS-1-T Res 12-036 C	X
33		X
34		X

(slots 35 through 63 empty, each with X)

(slots 64 through 95 empty, each with X)

(slots 96 through 126 empty, each with X)

TRANSITION   SAMPLE MANAGER

The Sample Manager allows loading 127 up to samples via drag n drop which are available to use when 'USER' is enabled via the Wave A & B knobs.

To load simply drag & drop samples anywhere on this panel and they will be loaded into the next available slots. To remove a sample use its 'X' button. These empty slots will be filled when new samples are dropped.

CLEAR ALL will remove all samples.

EXPORT allow saving a text file which includes all file paths for the loaded samples. This is useful if you want to track down missing samples/change the location or just want a list of the samples. IMPORT can then be used to load the samples.

Changelog

v1.2

- Mod Wheel mode added. When enabled the Mod Wheel will control the fade position between the waveforms instead of the LFO. Vibrato OSC Mix are disabled in this mode.

v1.1

- User Samples mode added, up to 127 samples can be added via drag & drop via the SAMPLE MANAGER Panel, the USER button switches to using these samples.

- RETRIG - The instrument now allows setting LFO re-trigger via the GUI rather than needing a separate instrument.

v1.0

- Initial Release