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Here my Contribution to KVR-DC 2009:
amphetamine
an 6 OSCILATOR-SYNTH-MODULE



Overview:

- > 6 Oscillators (4 X Sin-Saw-Ramp-Trigon-Pulse and 2 X 55 various Waves)
- > Phase-modulation – Frequenz-modulation – 5 Oct and Finetuning
- > Double-LP-Filter > 2 LFO 's – ADSR – Velocity-modulation
- > Seriall-Paralell – Boost – Pan - LFO A > Cutoff - LFO B > RES-PITCH-PW
- > 8 Step Sequencer (Tune and Cut-Offs) 1-8 Steps - 4 Directions
- > Chorus - Double-delay with Pan-Lfo 's – ADSR-VCA- Mono/Poly-mode- Glide
- > 12 Voices - 17 Banks a' 16 Presets from the wonderfull Patch-designer Kujashi aka Schiffbauer !! Many Thanks for the nice patches and Help !!!

Some words about the Structure:

The Filter is a little bit tricky, perhaps there are two Low-Pass-Filters with Joystick-Control.

The X-Axse controls the Cut-Off of Filter 1 and Resonance of Filter 2 !!

And the Y-Axse controls the Resonance of Filter 1 and the Cut-Off of Filter 2 !!

This give the specific Resonancy Sound ... :O)
especiality with the Seriell-Paralell-mode.

There are 2 LFO 's: one for Cut-Off and one for Resonance or
to modulate: OSC A-F Pitch / Pulse-Mod / LFO 1

1 ADSR with follow targets: Mix 1-3 - Cutoff - Resonace - LFO 1+2

Separate Velocity-routing

to Cut 1/2/1+2 and Res 1/2.

(the ADSR is Velocity-controlled too)

The 8 Step-SEQ can modulate: Cut-Off 1/2/1+2 and
Oscilators A+B/C+D/E+F

The Mod-wheel can route at several targets:

-Cut-Off 1/2/1+2 - Res 1/2/1+2 - Ser/Paralellmode

-FM 1/2/3 - Mix 1/2/3 and LFO 1 or 2

besides there a some Parameters with direct Control per Midi-CC
(see Side 3 for details)

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It offers a broad Variation of complex Sounds, with a fast and easy to use Interface, and without Submenues and mysterious Studies of big Manuals for years ...
Just do it ... and have fun !!!

For Questions or Sugesstions please mail to:

easytools@gmx.de

or press the „web“-button and visit:

<http://www.easytoolz.de>

Many Thanks to Kujashi (aka Schiffbauer) for the very nice Patches+Help !!!

Greetings to all Develers and Good Luck !!!

Midi-Controllers:

Mix 1 = CC 16

Mix 2 = CC 17

Mix 3 = CC 18

VOL = CC 19

LFO1= CC 20 (Lev1)

LFO2= CC 21 (Lev2)

SEQ = CC 23 (Level)

Filter = CC 24 (Horizontal - Cutoff)

Filter = CC 25 (Vertical - Resonance)

Requirements:

VST-compatible Host-Sequencer

Windows 98/ME/XP

Copy amphetamine.dll-file in the
VST-Folder – The additional banks
loads per „Load a Cubase-bank“

VST and Cubase is a Trademark from Steinberg AG !!