UVI

SYNTHOX VERSION 1.5

Soundbank Manual

Version 1.5

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UVI.NET

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Introduction

Synthox 1.5

New in version 1.5! Now includes a deep sampling of the rare Elka EK-44 FM synthesizer, an expanded patch library, and dramatically faster load-times.

The raw analog power of the Elka Synthex returns in Synthox 1.5, this time as a versatile hybrid Analog/FM workstation! Synthox features a dual-layer architecture which lets you freely mix raw waves from the Synthex and EK-44 for a wild new range of sonic possibilities. Both synths were fully serviced then deeply multi-sampled to give you a complete range of raw waveforms, noise oscillators and custom patches with the authentic hardware character.

A widely regarded and increasingly rare analog synthesizer, the Synthex (1981-1985), comes from Italian manufacturer Elka and was made famous in part by Jean Michel Jarre. The unique oscillator design and lush filters in this synth pack a distinctly thick and raw sound. As these machines become older finding working units has become increasingly difficult. Now, Synthox

1.5 brings you the very best of this instrument in a convenient and extraordinary sounding soft-synth.

Also included in Synthox 1.5 is a deep sampling of the Elka EK-44 (1986). A rare 4-operator FM synth based around Yamaha's YM2203 chips, the EK-44's raw digital sound palette makes a brilliant counterpoint to the Synthex and can lead to some truly unique sounds. From thick and sizzling textures to funky analog tones, digital bells and everywhere in-between, Synthox 1.5 is a fantastic instrument for those looking to draw on the classic 80's sound of Elka.

Minimum System Requirements
- Latest verion of UVI Workstation or Falcon
- 1.7GB of disk space

For more information on the installation process, please refer to the document: Soundbank Installation Guide

Synthox - Edit Page

The UI is divided into three pages; [Edit], [Mod] and [Arp]. Primary controls such as amp, filter, stereo, pitch and effects are available on the [Edit] page. Clicking the [Mod] button at the top of the interface reveals the second page of controls containing the LFO and Step Modulator. The final [Arp] page presents an independent arpeggiator for each layer.

Main

1 ▶ Presets
Select a global preset from the pull-down menu or browse them with the Prev/Next arrows

2 ▶ Pages
Change the current page by selecting one of the 3 options; Edit, Mod or Arp

3 ▶ Layer Globals
» **On/Off Toggle**
» **Volume**
» **Pan**
» **Octave [+1, 0, -1]**

4 ▶ Master Gain
Set the Output Gain for the instrument

Basic Controls

5 ▶ Layer Edit
» **Edit 1 | Edit 2 | Edit All**
Choose to edit layers 1 or 2 seperately or simultaneously
» **Wave Menu**
Choose the wave category in the first row and the wave in the second

6 ▶ Pitch
» **Mono**
Toggle between Mono and Poly voicing
» **Tune**
Adjust the pitch in Semitones/Cents
» **Depth**
Adjust the Portamento depth
» **Time**
Set the Glide time

7 ▶ Amplitude
» **ADSR**
Attack / Decay / Sustain / Release envelope for the Amplitude section
» **No Velocity**
Sets all incoming notes to max velocity
» **Velocity > Attack**
Modulates attack amount based on incoming note velocity. Low velocities result in long attacks; high velocities result in short attacks.

8 ▶ Drive
» **Amount**
Sets the amount of drive

Synthox - Edit Page [continued]

Basic Controls (continued)

9 ▶ Stereo
» **Mode**
Off / Alternate Pan / Unison
» **Color**
Shifts color based on adjacent samples
» **Spread**
Change the stereo width
» **Detune**
UNI Mode Only: setunes layers

10 ▶ Filter
» **ADSR**
Attack / Decay / Sustain / Release envelope for the Filter section
» **Frequency**
Filter cutoff frequency
» **Envelope**
Modifies the amount of ADSR envelope to be applied to the Filter
» **Resonance**
Adjust the resonance (Q) of the Filter
» **Vel > Filter**
Adjust the Velocity > Filter sensitivity
» **Filter Modes**
Choose Filter mode; High Pass, Band Pass, Low Pass or OFF

11 ▶ Effects
» **Power/Amount**
Choose from Phaser, Delay, and Reverb (additional controls available in the Effects page of UVIWS and MF)

12 ▶ Modwheel
» **Power/Amount**
Easily route your controllers Modwheel to control common parameters such as Vibrato, Tremolo and Filter Depth

Synthox - Mod Page

LFO

1 ▶ Sync
Enable/Disable LFO sync to Host Tempo

2 ▶ Waveforms
Choose LFO waveform; Sine, Triangle, Square or Sample & Hold

3 ▶ LFO Controls
» **Speed**
Change the LFO Speed
» **EG Depth**
Adjusts the amount of Attack and Decay to be applied to the LFO
» **Attack**
Attack time for the Speed envelope
» **Decay**
Decay time for the Speed envelope

4 ▶ Mod Routing
Control the amounts of LFO modulation to be applied to various parameters including; Pitch, Drive, Volume and Filter

Step Modulator

5 ▶ Step Sequencer
Interactive editor for programming sequenced modulations; bar height equals mod amount

6 ▶ Seq Params
» **Delay**
Delay time to activate first step
» **Rise**
Time to activate step with a smooth transition

» **Smooth**
Interpolates values between adjacent steps to smooth parameter modulation for a custom LFO effect
» **Res**
Change the sequencers step length
» **Steps**
Change the amount of steps for the sequencer to play

7 ▶ Mod Routing
Control the amounts of modulation to be applied to various parameters including; Volume and Filter

Synthox - Arp Page

1 ▶ **Step Indicator**
LED lights up when step is triggered

2 ▶ **Step Editor**
16-step sequencer; affects Velocity

3 ▶ **Tie**
When active, step inherets Velocity from the previous step

4 ▶ **Layer 1 > Layer 2**
When active, Arpeggiator 1 affects both layer 1 and layer 2 (whereas when disabled each Arp modifies its corresponding layer only)

5 ▶ **Arp On/Off**
Toggle the Arpeggiator On/Off

6 ▶ **Grid**
Change the step length

7 ▶ **Arp Mode**
Select Up, Down, or Up and Down

8 ▶ **Gate**
Change the step length (knob value ranges from zero to the tracks Resolution setting)

9 ▶ **Steps**
Sets the Arpeggiators step length

10 ▶ **Octave**
Set the pitch range of the Arpeggiator in Octaves

Synthox - Presets

00-Init

Arpeggios
AR-Analog Heart
AR-Back in Time
AR-FM A Sonic
AR-FM Busy Pad
AR-FM G Stars
AR-FM Jarre
AR-FM Minimal Beat
AR-FM Mix Down
AR-FM Multi Arp
AR-FM Paradise
AR-Hybrid Cinematic
AR-JMJ Double Arp
AR-Pop Cornox
AR-Rythm and Arp
AR-Space Caroussel
AR-Synthoxerone
AR-Universe Sound
AR-Wonderland
AR-Z Plane Airlines
AR-Zamundsens Axel

Bells
BL-BellKa
BL-Brush Bells
BL-FM Bell Template
BL-FM Mixed Bells
BL-FM Tremobe
BL-FM Tubular
BL-Happy New Year
BL-Hybrid Bells 1
BL-Hybrid Bells 2
BL-Hybrid Exil
BL-Hybrid Express
BL-Hybrid Polybells
BL-Little Porta
BL-Paper Bell

Brass
BR-B11 Wah brass
BR-B17 Brass I
BR-B18 Brass II
BR-B19 Brass III
BR-Brasspeggios
BR-FM Brass Template
BR-FM Duosonix
BR-FM Kingdom
BR-FM Soft Large
BR-FM Transonic
BR-Grace Brass
BR-Hybrid Brass
BR-Velvet Aurora

wBass
BS-Bottom B
BS-FM Bass Template
BS-FM Basstress
BS-FM Creative Wheel
BS-Funky Sub
BS-Kev Bassic
BS-One Finger Analog
BS-Ring Modus
BS-Skream Lexx
BS-Synthoxico
BS-TB Inspiration
BS-Ultra Funk
BS-Weird One
BS-Wheel Control
BS-Wheelex
BS-Whistle Sub
BS-ZanziBass

Chords
CH-Chain Lightning
CH-Circuit Jumper
CH-Determination
CH-FM Cap Andy
CH-FM Invaders
CH-FM Polysone
CH-FM Puck Monster
CH-FM Rose Valey
CH-FM Silex
CH-FM Step Pad
CH-FM Stepvolution
CH-FM The Palace
CH-FM Triade
CH-FM Wheel Me
CH-Hybrid Moving
CH-Jack Sail Air
CH-Lunar Scarab
CH-Omni Step
CH-Union Jacking
CH-Use your Wheel
CH-Variator
CH-Vulcan Trampoline

FX
FX-FM Coach O New
FX-Framheim Wind
FX-Park Six More
FX-Terra Novox
FX-The Bomb

Keyboards
KB-B15 Tremolo piano
KB-B23 Church organ
KB-B24 Reed organ
KB-B25 Electric organ
KB-B30 Metallic piano
KB-B31 Pianet

KB-B32 Funky Clav
KB-B33 Clavichord I
KB-B34 Clavichord II
KB-B35 Clavinet
KB-B36 Electric Piano I
KB-B37 Electric Piano 2
KB-B38 Chimes
KB-B39 Vibes
KB-Dream Hes Beck
KB-Dulce Organ
KB-FM Cosmopolis
KB-FM Orphing Wheel
KB-FM Piano Template
KB-FM Power Keys
KB-FM Pure Clav
KB-FM Ultra Soft
KB-Hybrid Dirty
KB-Hybrid Keythox
KB-Hyrbid Carrousel
KB-Keys and Sweep
KB-Organisation
KB-PhonKB
KB-PianoOSc
KB-Road Cruiser

Lead
LD-B12 Fat Sound
LD-B13 Metallic
LD-B14 Pan flutes
LD-B41 Sweep 2
LD-B43 Landing
LD-B46 Ring mod
LD-B49 Whistle
LD-Chorusolo
LD-Dstep Polead
LD-FM Cop Torn
LD-FM Funkytar
LD-FM Fusion
LD-FM Lead Template
LD-FM Little Tromb
LD-Hybrid Clinton
LD-Hybrid Subtle Sine
LD-Pure Sawtooth
LD-The Court Jet
LD-Therem Whistle
LD-Ultra Solo
LD-Water Drop Lead

Pads
PD-Air Dream Keys
PD-AL Jarre High
PD-B16 Chorale
PD-B26 High pass sweep
PD-BarbapaPad
PD-Deep Orbit
PD-Evolugate Wonder
PD-FM Edition

PD-FM Ethereal
PD-FM Ominous
PD-FM Pad Template
PD-FM Spectralis
PD-Glacier Veins
PD-Glycosidic Bond
PD-Hybrid Oxygene
PD-Lost Music Box
PD-Porta Sweep on Wheel
PD-Robotic Love
PD-Smooth One
PD-StePad Plaza
PD-Sweet Place
PD-Teal Voices
PD-Tender Threads
PD-Zen and Beauty

Polysynth
PL-B10 Chunky synth
PL-B40 Sweep 1
PL-B44 Wash of sound
PL-B45 Fast decay
PL-B46 Ring mod Harp
PL-B47 Phased sweep
PL-B48 Bass pluck
PL-Complextro Figures
PL-FM Poly Cruise
PL-FM Polysynth Template
PL-Grain Poly
PL-Hybrid Stack
PL-Onyx Wheel Me
PL-Synthoxic
PL-Trance Evolwheel
PL-Tri Repeater

Strings
ST-B20 Double basses
ST-B21 Cellos
ST-B22 Violins
ST-B28 Filtered chorus
ST-B29 Filtered strings
ST-Dual Layer Strings
ST-FM Harpsichestra
ST-FM Hypnotic
ST-FM String Machine
ST-FM Strings Template
ST-Hybrid Big Sol
ST-Space O Tron

Sweeps
SW-B42 Take-off
SW-FM Sweep Template
SW-Hybrid Gold Wheel
SW-Moelleux
SW-Quality Sweep
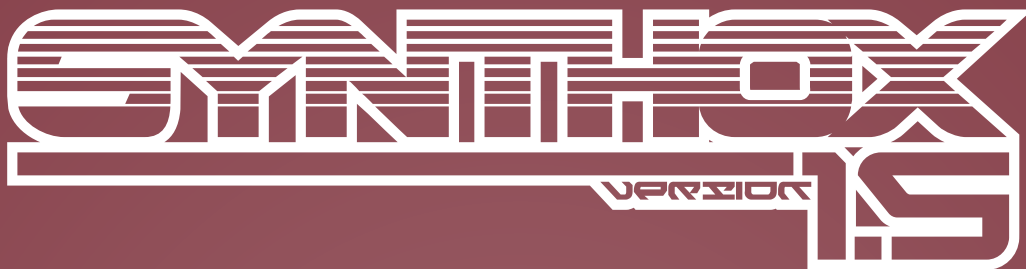SW-Sun Glasses
SW-Ultra Sweep

Links

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SYNTHOX VERSION 1.5

Credits and Thanks

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UVI ™