



ENERGY

Soundbank Manual

Version 1.0
EN 160307

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Introduction



ENERGY 32-Oscillator Additive Future Synth

ENERGY is the product of a unique and extremely rare additive synthesizer from the early 80's, the Digital Keyboards Synergy. Released in 1982, the DK Synergy was based on an extremely sophisticated additive engine for the time, derived from the nearly \$30,000 Crumar GDS (General Development System) and famously used by Wendy Carlos on the original TRON soundtrack. In fact many of the Synergy's presets were crafted by Carlos herself, who is noted to still use the synth to this day. The Synergy had a short commercial run over 3 years, seeing less than 1,000 units produced as it was ultimately obscured by Yamaha's runaway success with the far cheaper DX7. Actual production numbers are thought to be less than 700 units with very few of those surviving the last 30 years—making it an exceptionally rare instrument.

Rarity, prestigious lineage and pop-culture influence of the Synergy are only part of the intrigue. The Synergy was a conflicted instrument by design, especially for the time of its release. It offered an outrageous 32-oscillator sound engine with dual 16-stage loopable envelopes and a velocity sensitive 74-note keyboard. At the same time it was built with extremely prohibitive editing functionality, to the point of making it appear as more of a preset player than its control laden contemporaries. While programming the Synergy was far from an intuitive process it was indeed possible, and the results were truly stunning, both then and now.

ENERGY offers a thorough and authentic sampling of the DK Synergy's output, covering the gamut of timbres and thoroughly exploiting its capable sound engine. From FM-styled leads and keyboard sounds to evolving pads, bass and arpeggios, ENERGY provides a decidedly complex and unique tonal quality that sounds simultaneously vintage and futuristic.

With ENERGY you can explore a wide range of presets or sculpt raw waveforms into your own custom patches through an intuitive and easy to use user interface, all with the rock-solid stability and outstanding performance of the UVI Engine™.

Previously exclusive to the Vintage Legends bundle ENERGY is now available separately, delivering an undeniable hardware signature and the pristine sound quality UVI is known for at an incredible price.

Minimum System Requirements

- Latest version of UVI Workstation or Falcon
- 1.06GB of disk space

For more information on the installation process, please refer to the document: [Soundbank Installation Guide](#)

User Interface - Edit Page



The UI is divided into two pages; **[Edit]** and **[Mod]**. Main 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, where you can access the LFO and Step Modulator. Presets are accessible directly through the browser in UVI Workstation/Falcon.

1 ▶ Page + Arp

- » **Edit**
Sets the UI to the Edit page
- » **Mod**
Sets the UI to the Mod page
- » **Arp**
Toggle built-in arpeggiator on/off

2 ▶ Filter

- » **ADSR**
Typical envelope controls for the filter
- » **Cutoff Freq**
Filter cutoff frequency
- » **Q**
Set the filter bandwidth
- » **Depth**
Set the depth of the filters EG
- » **Filter Type**
Multimode filter can be set to low-pass [LP], band-pass [BP], or high-pass [HP]

- » **Drive**
Set the filters drive amount
- » **Vel Sens**
Adjust the filter velocity sensitivity

3 ▶ Amp

- » **ADSR**
Typical envelope controls for the amp
- » **Vel Sens**
Adjust the amp velocity sensitivity
- » **Vel > Atk**
Remaps Attack to Note Velocity

4 ▶ Mode, Pitch, Sub

- » **Pitch : Mono/Poly**
Switch between Mono and Poly mode
- » **Pitch : Depth**
Sets the depth of portamento [Poly]
- » **Pitch : Time**
Sets the glide time for both modes

- » **Sub Osc : Clean/Dirty**
Switch between clean and distorted sine
- » **Sub Osc : Volume**
Adjust mix amount

5 ▶ Stereo

- » **Mode - Alt**
Stereo position alternates L/R every note, width controlled by **[SPREAD]**
- » **Mode - Uni**
Layers multiple samples and augments them for increased stereo presence, modify with **[COLOR]** and **[DETUNE]**
- » **Color**
Utilizes neighboring samples
- » **Spread**
Sets the stereo width **[ALT] [UNI]**
- » **Detune**
Detunes the unison layers **[UNI]**



User Interface - Edit Page [continued]



6 ▶ Modwheel

This section provides a quick way to map common controls to your MIDI keyboards modwheel

- » **Vibrato Rate**
Speed of the vibrato (free)
- » **Tremolo Rate**
Speed of the tremolo (sync)
- » **Filter Depth**
Filter resonance depth

7 ▶ Effects

- » **Phaser**
Adjust effect mix amount
- » **Delay**
Adjust effect mix amount
- » **Reverb**
Adjust effect mix amount

8 ▶ Energizer

- » **On/Off**
- » **Effect Amount**

User Interface - Mod Page



1 ► LFO

- » **Sync**
Toggle LFO sync to host tempo
- » **Speed**
Set the LFO speed
- » **EG Depth**
Set the depth of the LFO envelope
- » **Attack**
Set the LFO envelope attack time
- » **Decay**
Set the LFO envelope decay time
- » **Shape**
Select the LFO waveform: Sine, Square, Triangle or Sample & Hold (random)
- » **> Pitch**
Set the pitch modulation amount
- » **> Drive**
Set the drive modulation amount
- » **> Volume**
Set the volume modulation amount
- » **> Filter**
Set the filter modulation amount

2 ► Step Modulator

- » **Res**
Set the step speed/resolution
- » **Steps**
Set the number of steps to playback
- » **Step Value**
Set the per-step value (draw with mouse, double-click to enter explicit values)
- » **Delay**
Set the initial delay time
- » **Rise**
Set the time to activate smooth
- » **Smooth**
Interpolates sub-step values for a smooth modulation
- » **> Volume**
Set the volume modulation amount
- » **> Filter**
Set the filter modulation amount

► Saving Presets

- » **UVI Workstation**
 1. Click the [Multimode] button in the main toolbar
 2. Click the [Wrench] icon
 3. Select 'Save Multi'
- » **Falcon**
 1. Click the [Wrench] icon and save as a Multi (all parts) or as a Program [single]

Settings for both UVI Workstation and Falcon will be saved automatically with your project if you're working within a DAW.

Preset List

Presets

Arpeggios

Balinverted
Balladisiac
Clarpsic Analog
Columbo
Crazy Arp Wheel
MarimbArp
Noisy Eighty
Pop Kellogs
Seventy Nine Chords
Slow Motion
Speed Motion
Square Mode
Tanger In
Zoom Bass

Bass

BasSolid
BaXploitation
Dark Side Bass
Dirt Clav
Distronic
Harsh Square
Nu Motor Bass
Powering
Spectro Bass
Subbistic
Thrillering
Zapp Land

Bell

Anabell
Bell Ami
Delicanalog Bell
DK Bells
Melli Bello
Oldies Bell
Organic Bells
Pizzi Bells
Sergio Bells
Space Music Box
Strange Bell

Superbe LL
Synth Balafon
Xylosonic

FX

Big Temple
Crazy Take Off
Drunk Robot
Ener2D2
Fearlight
FX Mansion
FX Tchkok
Madison Square
Square Garden
Tension

Keys

Acoustic Like
Basikeys
Broken Piano
Church Engine
Clavinergy
DarKeys
Decarpsychord
DK Roussel
DKlavinet
Dramatic Org
Electric DK Piano
G Funker
GranDK
Ham Organic
Hybrid Harp
Innocent Keys
Moody Roady
Road me Softy
Speaker Road
Suitcasing
Vinyl Pluck
Wurlynergy

Leads

Art Monica
Beauty Lead
BP Solead
Dubstep Lead
Funk Energy
Mellolead
Polead Brassy
Short Seq Lead
Skrillergy
Solo DKFein
Square Me
Tight Solo
Wheel You See

Misc

Brass 5th Wheel
Cheap Orchestra
Daft Brass
Dream Pluck
Energuitar
Farfisorg
Hybrid Power Brass
Kingston Vibes
Mellolike
Orgestra
Poly Dirty
Poly Stepped
PortaBrassy
Refugees Brass
Short Flute
Stack Fifth
Stepped Stack
Stratoskeys
Tangerine Brass
Top Corn

Pads

Acoustic Pad
Deep Arc
DK Fantasy
Go to Delphia
Gospel Stack
Magic Swell
Ominous Syn
Pad Cycle
Pad Problem
PaDark
Reflexions
Simply Beauty
Step Pad Step
Sweep Energy
Thin Brass Pad
Typical DK Pad

Links

UVI

- Home uvi.net/ 
- UVI Portal uvi.net/uvi-portal 
- Soundbank Installation Guide [installing_uvi_soundbanks_en.pdf](#) 
- UVI Workstation User Guide [uviworkstation_user_guide_en.pdf](#) 
- Your Registered Product Serial Numbers and Download Links. uvi.net/my-products 
- FAQ uvi.net/faq 
- Tutorial and Demo Videos youtube.com/ 
- Support uvi.net/contact-support 

iLok

- Home ilok.com/ 
- iLok License Manager ilok.com/ilm.html 
- FAQ ilok.com/supportfaq 



ENERGY

Credits and Thanks

Produced by UVI

Recording / Editing / Sound Design

Damien Vallet
Kevin Guilhaumou
Alain J Etchart

Software + Scripting

Olivier Tristan
Remy Muller

UI + Design

Nathaniel Reeves

Documents

Nathaniel Reeves
Kai Tomita

Special Thanks

Jean-Bernard Emond



UVI.NET