



# **PX** Waveframe

## Soundbank Manual

Software Version 1.0  
EN 241218



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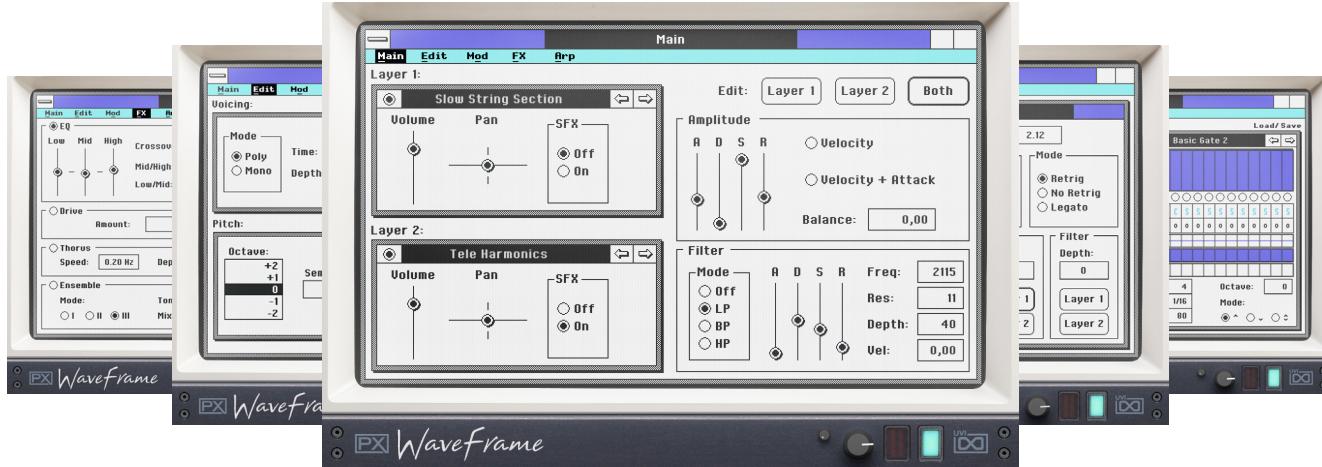
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## Table of Contents

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Introduction .....	4
<b>Interface</b>	
Main Page and Globals .....	5
Edit Page .....	6
Mod Page .....	7
FX Page .....	8
Arp Page .....	9
Preset List .....	10
Layer Program List .....	12
Links .....	13
Credits and Thanks .....	14

## Introduction



## PX WaveFrame

A Modern Take on a Digital Sampling Pioneer

- Authentic, rare sounds from the iconic WaveFrame AudioFrame
- 350 presets and 150 layers of expressive, character-rich samples
- Explore hundreds of custom presets and create your own

### The Digital Sampling Revolution

PX WaveFrame captures the groundbreaking essence of the WaveFrame AudioFrame, a high-end digital sampler and audio production system that made waves in the late 1980s. Developed in Boulder, Colorado, this system was a formidable competitor to the Synclavier and Fairlight, featuring advanced capabilities like non-aliased transposition, phase-coherent polyphony, and 24-bit processing features that were light years ahead of their time. Even with a focus on post-production, the AudioFrame was embraced by forward-thinking musicians and producers for its pristine sound and unique sonic character, with artists like Peter Gabriel, Stevie Wonder, and many others utilizing it for both studio and stage.

### Faithfully Reimagined

Our sound design team meticulously recorded and preserved the unique digital artifacts and tonal richness of the original WaveFrame AudioFrame. Every sample was captured with care to honor the pristine sound quality and innovative sampling techniques of the hardware. In addition, a second 'FX' version of each sound was individually processed and separately recorded, offering new creative possibilities with a modernized sonic vision. Leveraging both vintage and modern inspiration, PX WaveFrame provides an era-defying sonic experience that is entirely its own.

### Modern Sound for Today's Producers

Building on this foundation, we've designed hundreds of all-new presets, hand-crafted with modern production aesthetics in mind. From lush pads and evolving soundscapes to cutting-edge basses and cinematic textures, PX WaveFrame is packed with an expansive palette suited for both modern genre and creative sound design. With 350 expertly programmed presets covering categories like Kes, Guitars, Bass, Strings, Brass, Woodwinds, Synths, Drums, and Effects, PX WaveFrame delivers a gamut of inspiration for musicians, producers, and sound designers alike.

### Customizable and Immersive

PX WaveFrame is designed to evoke the classic feel of the AudioFrame, with an intuitive interface that echoes the look of the original system. The dual-layer architecture offers deep customization, letting you sculpt your sound with precision using controls like envelopes, filters, LFOs, and modulation, along with a full suite of built-in effects like EQ, Drive, Thorus, Phasor, Ensemble, Delay, and Sparkverb. Dig in and experiment, or use the sounds straight out of the box for instant impact!

PX WaveFrame bridges the past and present, bringing the rare and innovative spirit of the WaveFrame AudioFrame into the modern studio. With a blend of pristine digital sampling and freshly-crafted patches, this instrument is perfect for musicians and producers looking for unique, high-quality sounds that inspire and elevate their work.

### PROTOTYPE SERIES

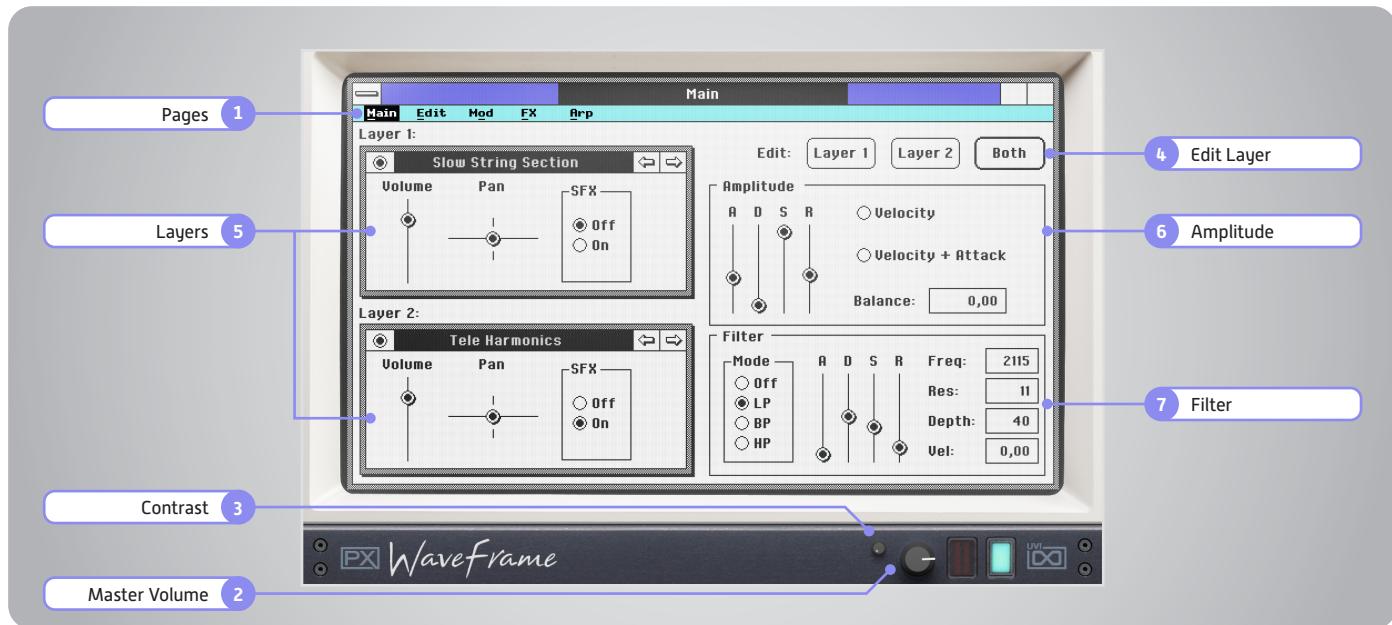
PX WaveFrame is part of the PX line of instruments, exploring the world of unique, rare and unreleased electronic and acoustic instruments.

### Minimum System Requirements

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

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

## Main Page and Globals



PX WaveFrame is outfitted with 2 layers; 1 and 2. Both layers have independent selection of 151 layer sounds, dedicated volume, pan, filters and envelope generators for amplitude and filter, and arpeggiators in the Arpeggiator page. Effects pages affect the summed signal of both layers while Modulation can be set to selectively target upper and/or lower.

### 1 ► Pages

» **Main, Edit, Modulation, Effects and Arpeggiators** - Click to change the current control page

### 2 ► Master Volume

Adjust overall output level with stereo level meter

### 3 ► Contrast

Adjust the display contrast

### 4 ► Edit Layer

» **Layer 1 / Layer 2 / Both** - Select Layer 1, 2 or both [1+2] ; presents discrete Signal, Amp Env, Filter and Filter Env controls

### 5 ► Layers 1 / 2

» **Power**  - Turn the layer on/off  
 » **Sounds** - Select the layer sound program with drop-down menu or by using the arrow buttons  
 » **Volume** - Adjust the selected layer's volume  
 » **Pan** - Adjust the selected layer's pan  
 » **SFX** - Select between Dry (Off), or Processed sound (On)

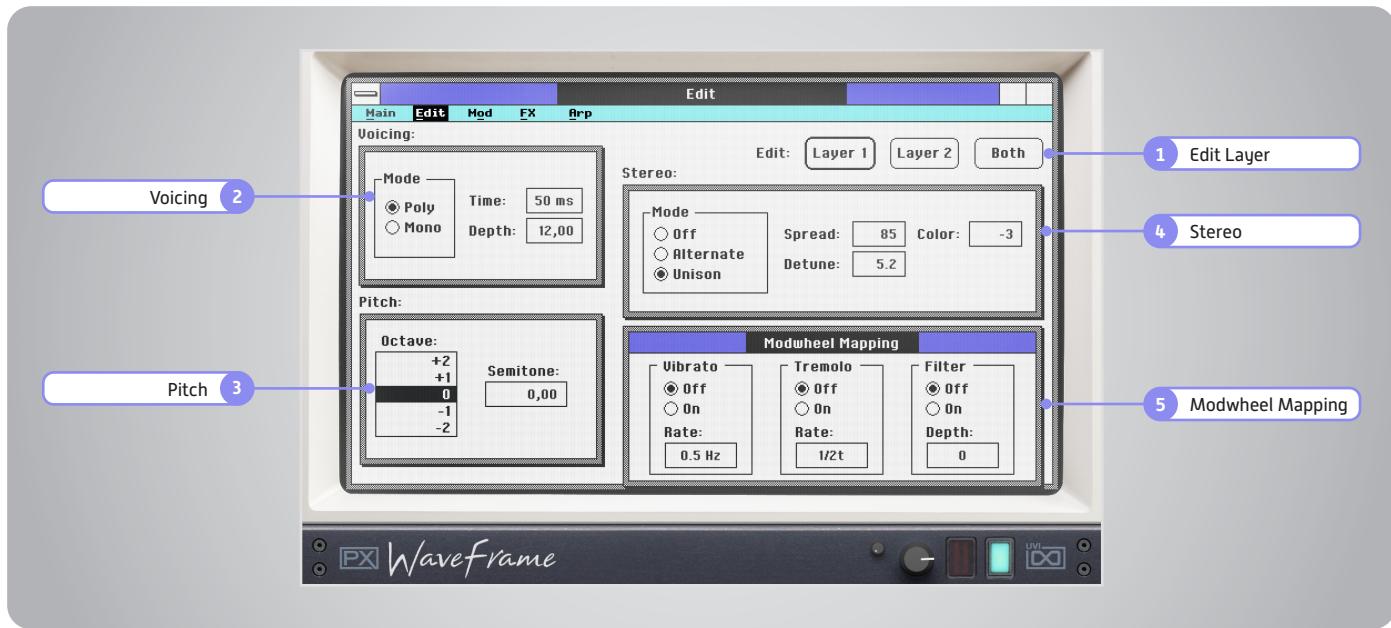
### 6 ► Amplitude

» **Velocity** - Toggle velocity on/off  
 » **Velocity + Attack** - When active, routes Velocity input to Amp Env: Attack  
 » **ADSR** - Adjust the amplitude using a typical Attack, Decay, Sustain, Release envelope  
 » **Balance** - Adjust the volume balance of the high and low keys

### 7 ► Filter

» **Mode** - Select between LP, BP or HP filter shapes, or OFF to disable the filter  
 » **ADSR** - Typical ADSR envelope for the Filter  
 » **Frequency** - Set the filter cutoff frequency  
 » **Resonance** - Set the filter resonance amount  
 » **Depth** - Set the filter's depth amount  
 » **Velocity** - Set the filter's velocity sensitivity

## Edit Page



### 1 ► Edit Layer

Select I, II or both (I+II) ; presents discrete controls for Pitch/Portamento, Stereo and Modwheel

### 2 ► Voicing

- » **Mode** - Toggle between Mono and Poly voicing
- » **Time** - Set the Glide time
- » **Depth** - Adjust the Portamento depth

### 3 ► Pitch

- » **Octave** - Adjust the pitch in Octaves
- » **Semitone** - Adjust the pitch in Semitones

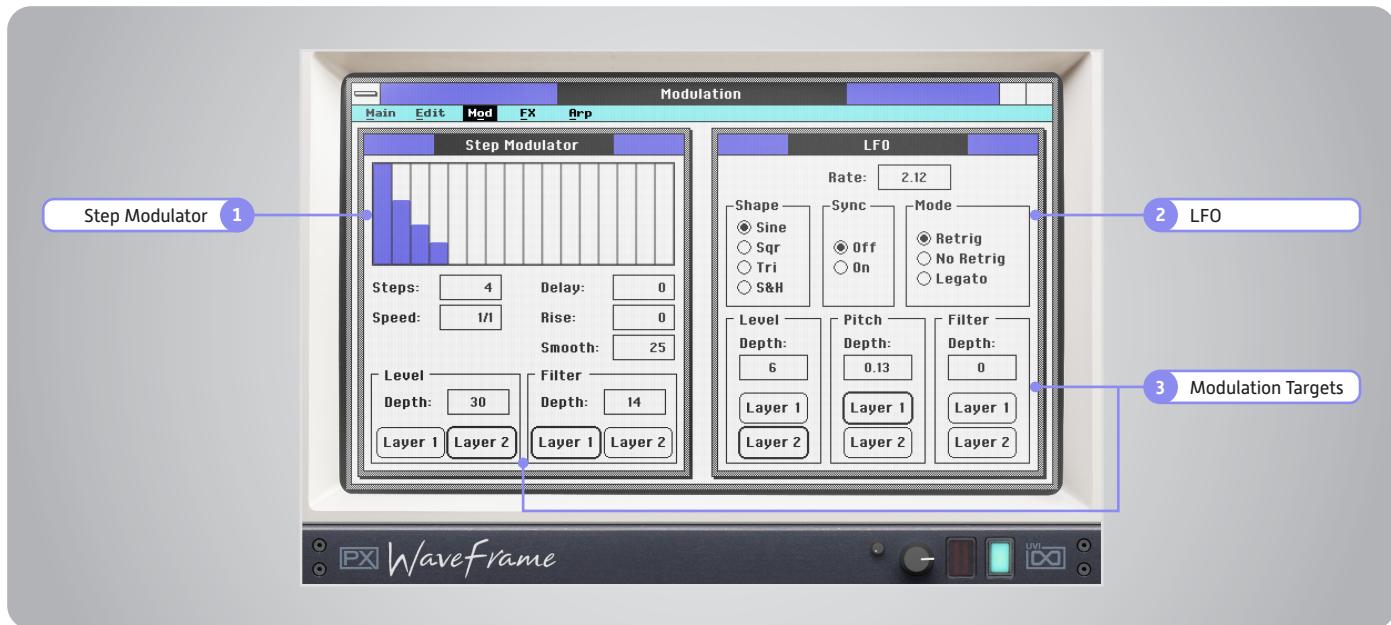
### 4 ► Stereo

- » **Mode** - Off / Alternate Pan / Unison
- » **Spread** - Change the stereo width
- » **Detune** - Unison layer detune amount [Unison mode only]
- » **Color** - Shifts color based on adjacent samples

### 5 ► Modwheel Mapping

- » **On / Off** - Enables or disables the modulation wheel assignments for Vibrato, Tremolo and Filter Depth respectively.
- » **Rate / Depth** - Adjust the parameters such as Vibrato Rate, Tremolo Rate and Filter Depth Amount

## Modulation Page



### 1 ▶ Step Modulator

- » **Editor** - Interactive editor for programming sequenced modulations; bar height equals mod amount
- » **Steps** - Change the number of playable steps [1-16]
- » **Speed** - Change the step duration (1/32 - 1/1)
- » **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
- » **Step Modulator Target** - Control the amount of modulation to be applied to each or both layer's Level and Filter Depth

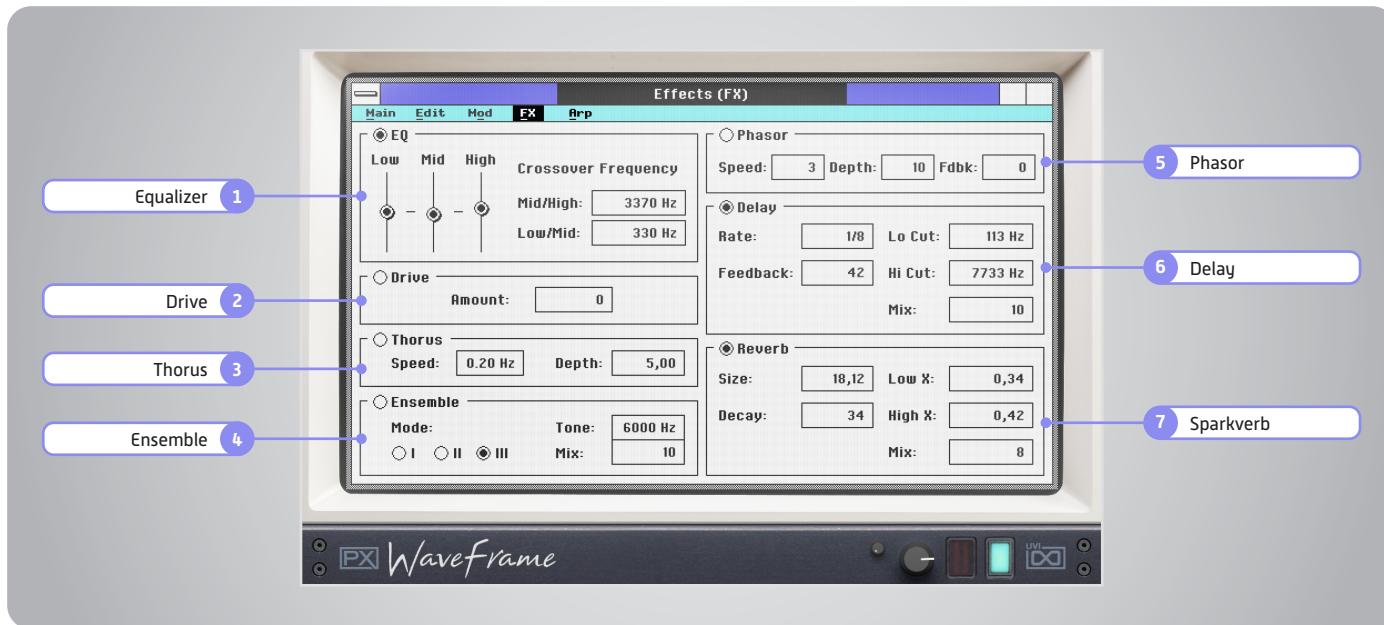
### 2 ▶ LFO

- » **Rate** - Change the LFO Speed
- » **Shape** - Choose LFO waveshape; Sine, Square, Triangle, or Sample & Hold
- » **Sync** - Enable/Disable LFO sync to Host Tempo
- » **Mode** - Change the LFO retrigger mode; Retrigger, No Retrigger or Legato
- » **LFO Target** - Control the amounts of modulation to be applied to each or both layer's Level, Filter and Pitch Depth

### 3 ▶ Modulation Targets

- Set the target oscillator for the parameter modulation, Layer 1 and/or 2

## Effects Page



### 1 ► Equalizer

- » **On/Off**  - Turn the effect on/off
- » **Gain Low / Mid / High** - Adjust the gain boost or cut amount of each frequency band
- » **Frequency** - Set the crossover frequency point of Low/Mid or Mid/High band

### 2 ► Drive

- » **On/Off**  - Turn the effect on/off
- » **Amount** - Adjust the drive amount

### 3 ► Thorus

- » **On/Off**  - Turn the effect on/off
- » **Speed** - Adjust the chorus modulation speed
- » **Depth** - Adjust the chorus modulation depth

### 4 ► Ensemble

- » **On/Off**  - Turn the effect on/off
- » **Mode** - Set the ensemble effect mode
- » **Tone** - Adjust the brightness of the effect
- » **Mix** - Adjust the effect mix amount

### 5 ► Phasor

- » **On/Off**  - Turn the effect on/off
- » **Speed** - Adjust the phaser modulation speed
- » **Feedback** - Adjust the phaser feedback amount
- » **Depth** - Adjust the phaser modulation depth

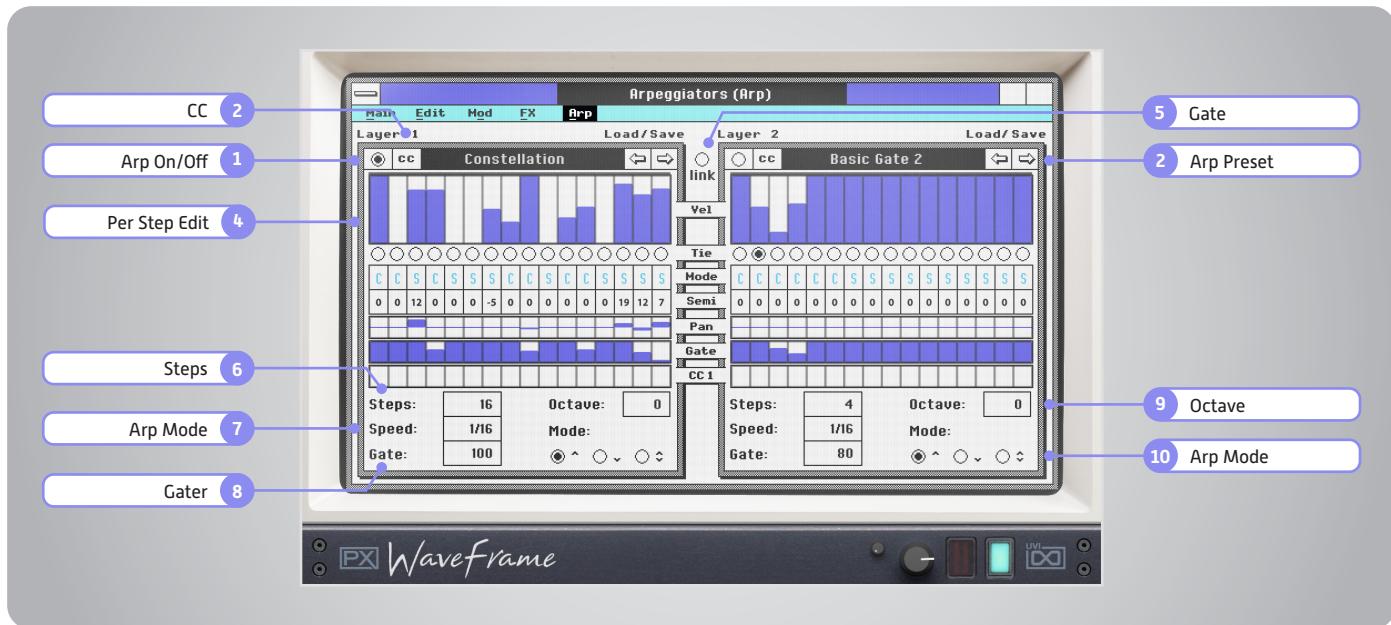
### 6 ► Delay

- » **On/Off**  - Turn the effect on/off
- » **Time** - Adjust the delay time
- » **Feedback** - Adjust the delay feedback amount
- » **LowCut** - Adjust the delay output's low-cut filter frequency
- » **HighCut** - Adjust the delay output's hi-cut filter frequency
- » **Mix** - Adjust the delay effect mix amount

### 7 ► Sparkverb

- » **On/Off**  - Turn the effect on/off
- » **Size** - Adjust the reverb room size
- » **Decay** - Adjust the reverb decay time
- » **Decay: Low f** - Multiplies the decay time (-/+) for the low frequency signal
- » **Decay: High f** - Multiplies the decay time (-/+) for the high frequency signal
- » **Mix** - Adjust the reverb mix amount

## Arpeggiators Page



### 1 ► Power ◎

Toggle the Arpeggiator On/Off

### 2 ► CC Mode

Enables MIDI CC output

### 3 ► Arp Preset

- » **Preset** - Select the arpeggio preset by drop-down menu or PREV/NEXT arrows
- » **Load** - Click to load a user preset
- » **Save** - Click to save the current settings as a user preset

### 4 ► Per Step Edit

- » **[STEP] Step Indicator** - LED lights up when step is triggered
- » **[VEL] Step Velocity** - Freely draw note velocities
- » **[TIE] Step Tie** - When active, step inherits Velocity from the previous step
- » **[MODE] Step Mode** - Set the step mode (Single or Chord)
- » **[SEMI] Semitones** - Set the step pitch shift value
- » **[PAN] Pan Position** - Set the step pan
- » **[GATE] Gate Length** - Set the step gate duration
- » **[CC1] MIDI CC1 Value** - Set the step CC1 modulation value

### 5 ► Link ◎

When enabled both layers listen to Arp 1

### 6 ► Steps

Set the number of playable steps (1-16)

### 7 ► Speed

Change the step duration (1/32 - 1/1)

### 8 ► Gate

Change the step length (from zero to the tracks Resolution setting)

### 9 ► Octave

Set the pitch range in Octaves

### 10 ► Arp Mode

Select Up, Down, or Up and Down

## Preset List

00-Init

### Animated ARP

Arp And Flutes  
Canada Dry  
Electro Ambre  
Mallet N Fret  
MarimbAр  
Merlin School  
Modular Transient  
Night Way  
One Billion Bells  
OrchestrARP  
Panned Flutes  
Perc Fifth Drums  
Picky Chicky  
Play Three Five  
Seqristal Clear  
Space Frame  
Spanish Vibe  
Spectral Duo 1  
Spectral Duo 2  
Starpeggio  
Supa Booth  
Supa Speeda  
Tangerine Frame  
Vinsky K  
Wheel Hysteria

### Animated Mixed

Amelie Poney  
Bazinga Bells  
Firebird Piece  
Guitarification  
Mask Power Up  
Mayhem Of Drums  
Mini Drake  
Moon Jamaica  
Multiple Arcade  
No Merci  
Observateur  
Organ Gate  
Pad Uring  
Penguin March  
Play Da Wheel 1  
Play Da Wheel 2  
Pluck And Chords  
Pop Corn Broke  
Pop Ritournelle  
SFX ARP 1  
SFX ARP 2  
Spider Keys  
Strumish Arp  
Toys HP  
Trompetotron  
Waveframe Choirs  
Wind Blowing

### Animated Seq

Disto Kid  
Electro Lisa 1  
Electro Lisa 2  
Hit Hat Bass  
Mayhem Indus 1K  
Musical Guns  
Noisy City 1K  
Nothing To Loose 1K  
Pear Jacket  
Planet Patrol 1K  
Play One Key 1K  
Poetic Mess 1K  
Rocket Ball  
Stress Test  
Tree Poly  
Tribalism  
Undergound Club  
Urythmics  
Wheel World Me 1K  
World A Land  
Zipper Bass Seq

### Bass

Atrantis Bass  
Big Saw  
Fretless Bass  
Funk Bass Muted  
Funk Hard Bass  
In Da 80s 1  
In Da 80s 2  
Jazz Bass  
Mixed Bass Seq  
Mute And Synth  
Pop Da Sine  
Rocky  
Saw Disco Square  
Shot Sue  
Stack Piano Bass  
Sync Seq  
Synth Bass  
Three Lorean  
Trap Tuba  
Triplet Bass Seq 1  
Triplet Bass Seq 2

### Brass Ensemble

Bone Section Stab  
Brass Pad  
Bright Brass Section  
French Horn Ensemble  
Hook Mix  
Lil Harmonie  
Rock Horns Fall Long  
Rock Horns Fall Short  
Rock Horns Octave Rips  
Rock Horns Stab 1  
Rock Horns Stab 2  
Rock Horns Sustained  
Slow Brass Ensemble  
Slow Trumpet Section  
Suber Horns  
Trombone Section  
Trumpet Section  
Xtra Brass Cymbal  
Xtra Brass Piano

### Brass Solo

Ambient Muted Solo  
Bass Trombone  
C Tuba Forte  
C Tuba Staccato  
Classic Trumpet  
Cornet Forte  
Dry Trombone 1  
Dry Trombone 2  
Dry Trumpet  
Flugelhorn Doux  
Flugelhorn Forte  
French Horn 1  
French Horn 2  
French Horn mf  
French Horn Muted  
French Horn Stopped  
Harmon Mute Trumpet  
Pop Picolo Trumpet Forte  
Pop Trmpt Harm Mtd F  
Trombone Mezzo Forte  
Trombone Straight Mute

### Bells

Crotales  
Dobachi Doux  
Dobachi Hard  
Frametasia  
Glockenspiel Doux  
Glockenspiel Hard  
Hamm Clock  
Hybrid 5th  
Lil Capsule  
Lunar Circle  
Marimbay  
Mary Pol Bells  
Mechanical Noise  
Music Toy  
Portlandia  
Prima Bella  
Soft Bassel  
Space Bouzouk  
Space Bubbles  
Sunrise Ring  
Synth Analog Bell 1  
Synth Analog Bell 2  
Tubular Bells 1  
Tubular Bells 2  
Very High

## Preset List

<b>Guitar</b>	<b>Leads</b>	<b>Pads</b>	<b>Polysynth</b>	<b>Voices</b>
12 Strings Dual	Curtis Hard	Analog Pad	Analog Synth 1	Chorale 1
335 Octaves Jazz	Day Light	Dark Movements	Analog Synth 2	Chorale 2
Chorused Paul 1	Funk Lead	Full Flute	Destructured	Large Choir
Chorused Paul 2	Harcastlead	Interferences	Funk Lead Poly	Requiem Frame
Chorused Tele Fifth	Metal Slug Lead	Milky Way	Its A Syn	Saturnian Angel
Chorused Tele Harmonics	Reviolin Planet	New Age	Noisy Go To	Short Vox
Dirty Chorus	Rou Lead	Noise Bed	Old TV Space	Synth Choir
Metal Guitar Lead	Rugged Scie	Phaser Sister	Power Synth A	Vox
Muted Paul	Sample Glide	PPG Pad	Power Synth B	
Muted Space	Super Sync	Prophet Pad	Stack Grain	
Muted Strat 1	Syncology	Wave Fragments	Synsation Poly	
Muted Strat 2	Synsation	Wheel Flutty Verb	Waveframe Form	
Paul Muted Fifth 1	Turbo Sync			
Paul Muted Fifth 2	Vie Brass			
Paul Sustained Fifth				
Paul To Bell				
Picked Guitar Phaser	<b>Orchestral</b>	<b>Perc-Drum-FX</b>	<b>Strings Ensemble</b>	<b>Woodwinds</b>
Reggae Paul Lops 1	Christmas Tree	FX All Menu	Ambient String Ensemble	Air Flute
Reggae Paul Lops 2	Double Harp Pizz	KIT Cymbal & Bells	Bass Viol Section	Animated Blowed
Reinvented	French Violarp	KIT Drums 1	Big Pizzicato	Bassoon
Seq And Guit	High Strings Crotales	KIT Drums 2	Cello Section	Chromatic Harmonica
Space Filter	Hybrid Brasstrings 1	KIT Drums 3	Liberty Strings	Clarinet
Sustained Paul	Hybrid Brasstrings 2	KIT Latin Kit	Octave Strings	English Horn
Tele Fifth Dream	Marching	KIT Misc Percussion	OK Rosin	Flute Solo
Tele Fifth Sustained	Orchestral Fall	KIT Misc Processed	Pizzicato	Hsiao
Tele Harmonics	Play That Dre	KIT Xtra Builder	Rich Strings	Oboe
Tele Muted Fifth 1	Siberian Night	SEQ Broken IA	Ringing Pizzicato	Piccolo
Ultra Hybrid	SoftChestral	SEQ Motor Ticoli	Rosin Strings	Saranb
Wes Dream	Tubular Horns	SEQ Multi Rythm 1	Slow String Section	Ti Tzu
		SEQ Multi Rythm 2	Spiccati Month	Wmas Flutish
		SEQ Pattern HP Generator	Stereo Viola Section	Woodwind Ensemble 1
		SEQ Perc Noise Lottery	Strings Cymbal Hec	Woodwind Ensemble 2
		SEQ Zone Out	Tense String Section	
			Viola Section	
<b>Keys</b>	<b>Organ</b>	<b>Pluck-Mallet</b>	<b>Strings Solo</b>	
Celeste	Creative Bars	Acoustic Pluck	Ambient Violin	
Creative Harpsi Vox	Drawbar Organ Fast	Kalimbass	Cello	
Dark Forest	Drawbar Organ Slow	Khong	Dual Cello Violin	
Electric Piano	Faboulous B3	Large Marimba	Dual Solo Ensemble	
Felt Toy Fifth	Mayheymono	Marimba	Four Violins	
FM Ticky Tines	Organ Hook	Parano Log	Muted Violin 1	
German Grand 1	Perc Fifth Organ	Pure Sine	Muted Violin 2	
German Grand 2	Road Hammond	Road And Seq	Six Violas	
German Grand 3	Split Pipe Organ	Sel Drums	Small Harp	
Harpsichord		Straight Mallet	Solo Viola	
Hybrid Road		Trash Harp	Solo Violin 1	
New Age Dirty		Wheel To LFO	Solo Violin 2	
Phase Frame Clav			Solo Violin Both	
Phasing Tines			String Solo Bass	
Pluck Clav				
Side Chain Me				
Soft Felt Vel Harp				
Stereo Piano Strings				
Upright Dirt				
Verbiano				
Wureedzer				

# Layer Program List

## 01 Keyboards

Celeste  
Drawbar Organ  
Drawbar Organ Wheel  
Electric Piano  
German Grand v1  
German Grand v2  
German Grand v3  
Harpsichord  
Perc Fifth Organ  
Reed Piano  
Split Pipe Organ  
Steinway v1  
Steinway v2  
Steinway v3

## 02 Guitars

12 Strings  
335 Octaves  
Chorused Paul  
Chorused Tele Fifths  
Chorused Tele Harmonics  
Metal Guitar Lead  
Muted Paul  
Muted Strat I  
Muted Strat II  
Paul Muted Fifths I  
Paul Muted Fifths II  
Paul Sustained Fifth  
Picked Guitar  
Reggae Paul Lops I  
Reggae Paul Lops II  
Sustained Paul  
Tele Fifths Sustained  
Tele Harmonics  
Tele Muted Fifths

## 03 Basses

Atrantis Bass  
Fretless Bass  
Funk Bass Muted  
Funk Hard Bass  
Jazz Bass  
Synth Bass

## 04 Solo Strings

Cello  
Double Harp  
Small Harp  
Solo Viola  
Solo Violin 1  
Solo Violin 2  
String Bass Solo

## 05 String Sections

Ambient String Ensemble  
Bass Viol Section  
Big Pizzicato  
Cello Section  
Four Violins  
Muted Violin  
Octave Strings  
Pizzicato  
Rich Strings  
Ringing Pizzicato  
Rosin Strings  
Six Violas  
Slow String Section  
Stereo Viola Section  
Tense String Section  
Viola Section

## 06 Upper Brass

Classic Trumpet  
Cornet Forte  
Dry Trumpet  
Flugelhorn  
Flugelhorn Forte  
French Horn I  
French Horn II  
French Horn mf  
French Horn muted  
French Horn stopped  
Harmon Mute Trumpet  
Pop Piccolo Trumpet forte  
Pop Trumpet harmon mute forte

## 07 Lower Brass

Bass Trombone  
C Tuba Forte  
C Tuba Staccato  
Dry Trombone I  
Dry Trombone II  
Trombone Mezzo Forte  
Trombone Straight Mute

## 08 Brass Section

Bone section Stab  
Brass Pad  
Bright Brass Section  
Rock Horn Stabs I  
Rock Horn Stabs II  
Rock Horns long falls  
Rock Horns octave rips  
Rock Horns short falls  
Rock Horns sustained  
Slow Brass Ensemble  
Slow Trumpet Section  
Trombone Section  
Trumpet Section

## 09 Woodwinds

Bassoon  
Chromatic Harmonica  
Clarinet  
English Horn  
Flute Solo  
Hsiao  
Oboe  
Piccolo  
Sarab  
Ti Tzu

## 10 Drums & FXs

Cymbals & Bells  
Drum Kit Builder  
Drums 1  
Drums 2  
Effects  
Latin Kit  
Misc Percussions

## 11 Waveforms

Bell  
Formant A  
Formant B  
Interference  
Primary  
Pulse  
Saw  
Sine  
Square  
Voice  
Noise

## 12 Synths

Acoustic Pluck  
Air Flute  
Analog Pad  
Analog Synth  
Chorale  
Funk Lead  
Its A Syn  
New Age  
Pluk Clav  
Power Synth A  
Power Synth B  
PPG Pad  
Prophet Pad  
Super Sync  
Synsation  
Synth Choir  
Vox

## 13 Mallets

Crotales  
Dobachi  
Dobachi Hard  
Glockenspiel  
Hard Glockenspiel  
Kalimbass  
Khong  
Marimba  
Marimbay  
Sel Drums  
Tubular Bells

## Links

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### UVI

Home . . . . .	<a href="http://uvi.net/">uvi.net/</a> 
UVI Portal . . . . .	<a href="http://uvi.net/uvi-portal">uvi.net/uvi-portal</a> 
Soundbank Installation Guide . . . . .	<a href="http://installing_uvi_soundbanks_en.pdf">installing_uvi_soundbanks_en.pdf</a> 
UVI Workstation User Guide . . . . .	<a href="http://uviworkstation_user_guide_en.pdf">uviworkstation_user_guide_en.pdf</a> 
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FAQ . . . . .	<a href="http://ilok.com/supportfaq">ilok.com/supportfaq</a> 



## Credits and Thanks

### Produced by UVI

#### Recording / Editing / Sound Design

Alain J Etchart	Théo Gallienne
Kévin Guilhaumou	Thomas Kowalski
Floriane Palmkrantz	Simon Potet
Emeric Tschambser	Damien Vallet
Louis Weiser	

#### Software + Scripting

Rémy Muller  
Olivier Tristan

#### GUI, Design

Anthony Hak  
Nathaniel Reeves

#### Documents

Nathaniel Reeves  
Kai Tomita

#### Special Thanks

WaveFrame Software Group  
Michael Bard

