# Ob LEGACY

## Soundbank Manual

**Software Version 1.0**
EN 170825

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# Introduction

**OB Legacy**
**Homage to a Synthesizer Luminary**

- 6 instruments explore the sounds of a legendary American designer
- 1,400+ presets deliver the analog sounds of real hardware
- Easy-to-use, deeply-customizable sample-based instruments

One of the most prolific figures in synthesizer history is the maverick engineer and designer Tom Oberheim. His efforts can be heard across hundreds of albums, decades of pioneering instrument designs, and experienced through conveniences we take for granted on a daily basis including preset memory and MIDI. His influence is as great as any and his designs have stood the test of time better than most, with models in production today that have changed little in over 40 years. The sound of his instruments is distinct and inherently musical, with a character that's often described as "lush" and "massive", and rightly so.

Creating a suite of instruments that does justice to this legacy presented the greatest challenge of all; too much good stuff. We started with a list of our favorite synths, and after tracking them down (not an easy thing in some cases!) we spent hundreds of hours exploring their unique sonic qualities and hand-crafting new sounds for you to experience. The result is 1,468 presets built on 49,252 samples, all recorded from the actual hardware instruments - giving you the very best of what these instruments have to offer in the convenience of modern software.

All sounds in OB Legacy are fully editable and come neatly wrapped in hardware-inspired interfaces, giving you the real feel of the synths as you tweak and perform. Included presets cover the full gamut of types and styles, including plenty of bread and butter patches, vintage classics and modern staples. Quickly browse through categories, audition presets, then edit, layer and even completely transform sounds to suite your needs, all with the genuine warmth, character and grit of real analog circuits.

Experience the sounds of an American legend and add some of the most innovative and powerful analog synths ever designed to your collection.

### UV-1 - *SEM Power*

Starting with a classic OB-1 from 1978, the SEM's powerful analog engine was pushed and tweaked to create a mass of patches that resonate with a distinctive vintage monosynth growl. Additional layers were recorded through our collection of vintage and modern analog effect pedals creating entirely new sounds that can easily be mixed in when you want to crank the analog mayhem up into speaker-shredding territory.

### Xp-12 - *The eXpanse*

Taking advantage of one of the most versatile analog architectures ever produced, with all-analog voices outfitted with extensive digital controls including 5 LFOs, 15 VCAs, 5 EGs and CV/Gate integration, the Xpander rivals fully modular systems in its flexibility. Extensive programming revealed a wondrous collection of sounds from emblematic vintage stacks and savage basses to analog FM tones and hyper-modulated atmospheres

### M-6k - *Analog Matrix*

Upgrading the voice architecture with DCO's gave the Matrix-6 and Matrix-1000 a more refined and more consistent sound while its resonant low-pass filter and robust digital modulation system provided serious sonic range and flexibility. Explore the intricate and warm timbres of these 6-voice analog gems through a robust and intuitive interface loaded with essential sounds, effects and dual arpeggiators.

### UV-XXX - *Velvet Kings*

A massive collection of sounds from the first wave of OB synths, including the OB-X, OB-Xa and OB-SX. Fat, layered analog basses, creamy leads, heavenly pads, rich brass and evolving textures are all here, oozing with as much meaty vintage grit as we could squeeze out of these machines. A dual-layer architecture lets you easily stack, mix and tweak patches for beyond-thick, classic '80s analog like you've never heard it before.

### UVSR-2 - *The Princess*

Single rack-unit synths weren't rare in the '90s but none had teeth like the MSR-2. A legitimate wolf in sheep's clothing, we took this 16-voice, 16-part multitimbral analog sleeper and created some wildly rich and complex sounds. A little cleaner than UV-One and UV-XXX, this synth sheds it's vintage roots for high-resolution analog oscillators with an almost digital-like quality.

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### Six-12 - *New-Breed Creatives*

Two offshoot synths made with wildly different perspectives are combined for brilliant results, one a modern analog 6-voice from 2016, the other a virtual analog 12-voice from 2000. Deep sound design was done on both machines while running them through our collection of outboard processors, producing a library of sounds with a sense of familiarity but also a new character and bite that's all their own.

### Minimum System Requirements

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

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

# UV-1 – Global and OSC Page



The UI is divided into six pages; [Osc],(Env], [Fx], [Arp], [Step] and [LFO]. [Osc] controls 3 Oscillators and a Noise generator. Amp, filter, and pitch controls are available in [Env]. [Fx] presents Stereo controls and Effects to shape the sound. Access both the Arpeggiator and Phraser via [Arp]. [Step] allows you to make dynamic sound modulations via Step Modulator. Finally, [LFO] page presents the LFO modulator, which can be tempo synced, as well as other modulations, and quick Mod-Wheel assignments.

## Global Controls

**1 ▶ Master Volume**
Set the master volume for the selected instance of UV-1 (0-100)

**2 ▶ Preset Navigator**
Arrow buttons toggle through presets
Click preset name for a list view

**3 ▶ Page Buttons**
Navigate between the UI pages

## Oscillator Controls

**4 ▶ Oscillator Bypass**
Turn oscillators ON/OFF

**5 ▶ Shape**
Waveform per-oscillator

**6 ▶ Range**
Octave per-oscillator (±2oct)

**7 ▶ Frequecy**
Detune per-oscillator (±7 semitones)

**8 ▶ Volume**
Gain per-oscillator (0-100%)

**9 ▶ Drive**
Amount of Drive per-oscillator

**10 ▶ Pedals**
Select Drive Type per-oscillator
(null/overdrive/distortion/fuzz/
waveshaper)

**11 ▶ Noise Bypass**
Turn noise generator ON/OFF

**12 ▶ Noise Volume**
Noise gain (0-100%)

**13 ▶ Noise Type**
Choose Pink or White noise

UVI.NET

# UV-1 – ENV Page



## Pitch Controls

**1 ▶ DEPTH**
Set pitch envelope depth (±10)

**2 ▶ Time**
Set pitch envelope time (0/10)

**3 ▶ Type**
Set pitch mode: (mono portamento,
mono portamento 2, mono retrigger,
polyphonic)

## Timbre Control

**4 ▶ Color**
Adjust timbre per-oscillator (±10)

## Filter Controls

**5 ▶ Filter Bypass**

**6 ▶ Filter Switch**
Edit filter parameters independantly
(1/2) or all at once (All)

**7 ▶ Filter Mode**
Set filter mode (LP/BP/HP)

**8 ▶ Filter Envelope**
Attack/decay/sustain/release per filter

**9 ▶ Filter**
» **Cutoff**
Set filter cutoff (20Hz/20kHz)
» **Resonance**
Set filter resonance (0-100%)
» **EG Depth**
Set filter depth (±1)
» **Velocity**
Set filter velocity (0-100%)
» **Key Follow**
Set linear key follow (0-200%)
(key position » resonance)

## Amplitude Controls

**10 ▶ Amp Switch**
Edit amp parameters independantly
(1/2/3) or all at once (All)

**11 ▶ Fixed Velocity**
Sets note velocity to a fixed value of 128

**12 ▶ Vel > Atk**
Overrides amp envelopes attack value
with incoming note velocity

**13 ▶ Amp Envelope**
Attack/decay/sustain/release
per-oscillator

**14 ▶ Amp Key Follow**
Set amp key follow amount (±1)
(key position » volume)

# UV-1 - FX Page



## Stereo Controls

### 1 ▶ Pan
Set pan per-oscillator (L/C/R)

### 2 ▶ Spread
Used in Alt mode — sets pan distance from center (0-100%)

### 3 ▶ Alt
Engage Alt mode — inverts stereo position with each key press

## Effects

### 4 ▶ Bit Crusher
- » **Bypass Switch**
- » **Bits**
  Set bit depth (1-24bits)
- » **Frequency**
  Set sample rate (2-48kHz)
- » **Drive**
  Set drive amount (0-100%)

### 5 ▶ Phaser
- » **Bypass Switch**
- » **Sync**
  Synchronize phaser to global tempo
- » **Speed**
  Set phaser rate (1/32 - 1/2)(0-10Hz)
- » **Depth**
  Set phaser depth (0-100%)
- » **Feedback**
  Set phaser feedback amount (0-100%)

### 6 ▶ Delay
- » **Bypass Switch**
- » **Mix**
  Set mix of dry/wet signal (0-100%)
- » **Time**
  Set delay length (1/16tri - 1/2)
- » **Feedback**
  Set delay feedback amount (0-100%)
- » **Cutoff**
  Set cutoff amount (LP/Off/HP)
- » **Spread**
  Set spread amount (0-10)

### 7 ▶ Limiter
- » **Bypass Switch**
- » **Mix**
  Set limiter wet/dry mix (0-100%)

### 8 ▶ SparkVerb
- » **Bypass Switch**
- » **Mix**
  Set mix of dry/wet signal (0-100%)
- » **Size**
  Set reverb size (4m/0.4s - 50m/5s)
- » **Decay**
  Set decay time (.5s/50s)
- » **Low Decay**
  Set low decay multiplier (x0.1/x10)
- » **Low Crossover**
  Set low crossover ƒ (10Hz/1kHz)
- » **High Decay**
  Set hi decay multiplier (x0.1/x10)
- » **High Crossover**
  Set hi crossover ƒ (12kHz/20kHz)

# UV-1 – ARP Page – Phraser



## Phraser Controls

**1 ▶ Power**

ON/OFF switch for the phraser — enabling the phraser while the arpeggiator is on will disengage the arpeggiator

**2 ▶ Record Note**

» **Record**

Enables phraser record mode — use to quickly program pitch sequences

» **Skip Step**

Use in record mode to skip a step

**3 ▶ Step Rate**

Set the step length (1/32 – 1/2)

**4 ▶ Step Quantity**

Set the number of steps to be played (1-16)

**5 ▶ Groove Amount**

Set the groove amount (0-100%)

**6 ▶ Gate Amount**

Set the gate amount (0-100%)

**7 ▶ OSC Bypass**

Per-oscillator bypass switch

**8 ▶ Step Indicator**

LED indicator displays current step

**9 ▶ Step Level**

Set volume per-step

**10 ▶ Step Pitch**

Set pitch per-step (±48 semitones)

**11 ▶ Step Tie**

Set tie per-step

**12 ▶ Phraser / Arp Switch**

Switch between phraser and arpeggiator pages (does not change current mode)

# UV-1 – ARP Page – Arpeggiator



## Arpeggiator Controls

**1 ▶ Power**

ON/OFF switch for the arpeggiator —
enabling the arpeggiator while the
phraser is on will disengage
the phraser

**2 ▶ Mode**

Set the playback mode
(Up/Down-Up/Down)

**3 ▶ Octave Range**

Set the octave range to be played
(±6oct)

**4 ▶ Step Rate**

Set the step length (1/32 – 1/2)

**5 ▶ Step Quantity**

Set the number of steps to be played
(1-16)

**6 ▶ Groove Amount**

Set the groove amount (0-100%)

**7 ▶ Gate Amount**

Set the gate amount (0-100%)

**8 ▶ OSC Bypass**

Per-oscillator bypass switch

**9 ▶ Step Indicator**

LED indicator displays current step

**10 ▶ Step Volume**

Set volume per-step

**11 ▶ Phraser / Arp Switch**

Switch between phraser and arpeggiator
pages (does not change current mode)

# UV-1 – STEP Page



## Step Modulator Controls

**1 ▶ Step Level**
Set the parameter amount per-step (±1)

**2 ▶ Step Rate**
Set the step length (1/32 – 1/2)

**3 ▶ Step Quantity**
Set the number of steps to be played (1-16)

**4 ▶ Mode**
Set the playback mode (Retrigger/No Retrigger/Legato)

**5 ▶ Legato Controls**
Enabled if mode is set to [Legato]

» **Delay**
Set the delay amount (0-10 sec)

» **Rise**
Set the rise amount (0-10 sec)

» **Smooth**
Set the step interpolation (0-100%)

**6 ▶ Filter 1**
» Step modulator » filter 1 cutoff (±1)
» Bypass

**7 ▶ Filter 2**
» Step modulator » filter 2 cutoff (±1)
» Bypass

**8 ▶ Volume**
» Step modulator » volume (0-100%)
» Bypass per-oscillator

**9 ▶ Pan**
» Step modulator » pan (0-100%)
» Bypass per-oscillator

**10 ▶ Pitch**
» Step modulator » pitch (±1)
» Bypass per-oscillator

**11 ▶ Drive**
» Step modulator » drive (0-100%)
» Bypass per-oscillator

# UV-1 – LFO Page



## LFO Controls

**1** ▶ **Waveshape**

Set the LFO waveshape
(sine, triangle, square, s&h)

**2** ▶ **Mode**

Set the playback mode
(Retrigger/No Retrigger/Legato)

**3** ▶ **Sync**

Sync the LFO to the global tempo

**4** ▶ **Speed**

Set the LFO speed
(Sync: 4x - 1/32)(Free: .18Hz - 15Hz)

**5** ▶ **Legato Controls**

Enabled if mode is set to [Legato]

» **Attack**

Set the delay amount (0-10 sec)

» **Decay**

Set the rise amount (0-30 sec)

» **ED Depth**

Set the smooth amount (±1)

**6** ▶ **Filter 1**

» LFO » filter 1 cutoff (±1)

» Bypass

**7** ▶ **Filter 2**

» LFO » filter 2 cutoff (±1)

» Bypass

**8** ▶ **Volume**

» LFO » volume (0-100%)

» Bypass per-oscillator

**9** ▶ **Pitch**

» LFO » pitch (Ú1)

» Bypass per-oscillator

**10** ▶ **Pan**

» LFO » pan (0-100%)

» Bypass per-oscillator

**11** ▶ **Drive**

» LFO » drive (0-100%)

» Bypass per-oscillator

## Modulation Wheel Controls

**12** ▶ **Filter**

» Modwheel » filter 1+2 cutoff (±1)

» Bypass

**13** ▶ **Vibrato**

» Modwheel » vibrato amount (0-100%)

» Bypass

**14** ▶ **Tremolo**

» Modwheel » tremolo amount (01-00%)

» Bypass

# UV-1 – Preset List

00 - Init

### Arpeggios

ARP-AutoPluck
ARP-Axial Racer
ARP-Bird Keys
ARP-Charming
ARP-Constellation
ARP-Droids
ARP-Dust Waves
ARP-Engine Run
ARP-Fishy Panner
ARP-Going Down
ARP-Gritty Shuffle
ARP-Keys in Space
ARP-Locker
ARP-Mass LoFi
ARP-Morning Glory
ARP-Nice Walking
ARP-Percussive Chords
ARP-Protoman
ARP-Rasta Chase
ARP-Starting Point
ARP-Stormborn
ARP-Stranger Room
ARP-SynSick
ARP-Tangerine Sun
ARP-Trance Room
ARP-Virtuose Parcer
ARP-Zone Access

### Bass

BS-Absolute Soul
BS-Ball Rampage
BS-Bee Have
BS-Bullit Bass
BS-Classic Oct
BS-Corn Bass
BS-Dirty Sub
BS-Doggy Dodgy
BS-Grit And Meat
BS-Herbalicious
BS-Hoover Bass
BS-Ideal Sub
BS-Mode Machine
BS-Phantom Bass
BS-Phat Saw
BS-PortaWhack
BS-Saw Six
BS-Sing and Spell
BS-Soft Blues
BS-Sub Click
BS-Tri Wide
BS-Turbo Charge
BS-Ultra Verb
BS-Very Sub
BS-Warm Click
BS-Wheel Stresser

### FX

FX-Backward Grain
FX-Bee Storm
FX-Bouncing Flute
FX-EMitter
FX-End Transmission
FX-Fire Alley
FX-Gaming
FX-Haunted
FX-Laser Quest
FX-Launching
FX-Major Mood
FX-Metal Throat
FX-Minor Fail
FX-Poly Gone
FX-Solar Wind
FX-Sweep On wheel
FX-TremoCrazy
FX-Ufology
FX-Unsafe
FX-Vacuum Scan
FX-Well Done

### Keys

KB-Abbey One
KB-Bad Habit
KB-Chord Cabinet
KB-Clear Chords
KB-Digital Keys
KB-Dirty Clavi
KB-Dreamer
KB-Harpsynth
KB-Organaheim
KB-Pale Eyes
KB-Peeky Piano
KB-Porta Beauty
KB-Progression
KB-Pure and Clean
KB-Sine Dreams
KB-Solar Dawn
KB-Tom Wurli
KB-Twin Light
KB-Uber Hein
KB-Vibe Tide

### Leads

LD-Artificial Intellead
LD-Bit Walk
LD-Cool Cat
LD-Dark Voices
LD-Drunk Glider
LD-Fry on the Fly
LD-Funky Lover
LD-Fuzz Junky
LD-Ghost Solo
LD-GSM Lead
LD-Kids Stack
LD-King Comb
LD-Laser Jet
LD-Lead a Bout
LD-Lunar Eclipse
LD-Mountain Lead
LD-Noise Opening
LD-Ocean Lead
LD-Oh Be Funky
LD-Path To Heaven
LD-Power Waves
LD-Rez Solo
LD-Short King
LD-So Lead
LD-Synth Knight
LD-Talky Slider
LD-Toy Solo

### Misc

MSC-Alice Bells
MSC-Alien Sweep
MSC-AM Bee Ant
MSC-Bee Tall Juice
MSC-Inversions
MSC-Mello Strings
MSC-More Icon
MSC-Oh Bee Fry
MSC-Phasy Mello
MSC-Pop Space
MSC-Portland Bells
MSC-Pure Strings
MSC-Sand Organ
MSC-Space Step
MSC-Triple String
MSC-Wah Zap Bee
MSC-You Bee Forty

### Pad

PD-Analog Pad
PD-Baked Bathroom
PD-Carpentry
PD-Chunk Pad
PD-Daybreak
PD-Earth Vibe
PD-Forest Trigger
PD-Futur Hobby
PD-Hairy Tin
PD-Low Data
PD-Phase Vortex
PD-Rocking Pulse
PD-Slow Ensemble
PD-Smooth Dimension
PD-Soften
PD-Spring Bell
PD-Stellar Ramper
PD-Supply Drop
PD-Sweep in The Dark
PD-UltraPad
PD-Unsafe Landing
PD-Walter Move

### Phraser

PHR-Bass Magnetizer
PHR-Bender Melody
PHR-Bouncer
PHR-BugWaltz
PHR-Core Fusion
PHR-Creepy Express
PHR-Ending
PHR-Friendly Yours
PHR-Fuzzy Snacks
PHR-Gliding Ship
PHR-Gloomy Line
PHR-Gooes Fire
PHR-Grime Attitude
PHR-Hal Good
PHR-Mix So Lydian
PHR-Moving Chords
PHR-Nikky Mirage
PHR-Obee Ringer
PHR-One Piece
PHR-Over Cycles
PHR-Pilosity
PHR-Plastic Alarm
PHR-Robby Net
PHR-Seven Seconds
PHR-Sismic Growl
PHR-TrashLane
PHR-Tri Low Bit
PHR-Undercover
PHR-Wheel Hidden
PHR-Will Horses
PHR-Zoo Bee Da

### Pluck

PLC-Analog Sanza
PLC-Attack
PLC-Band Pluck
PLC-Bee Pluck
PLC-Calm
PLC-Cereal Pop
PLC-Chord Field
PLC-Crown Pluck
PLC-Dobble Bass
PLC-Dynamic Pluck
PLC-Eight Bit
PLC-Koto Key
PLC-Melodic
PLC-Obernica
PLC-You OB Hi

### Poly

PL-Bad Chip
PL-Beaming Brass
PL-Brighton Wheel
PL-Climax
PL-Eager Bells
PL-Fabulous Four
PL-Flaming Forces
PL-Fuzzy Chords
PL-Hologram
PL-Meet Me
PL-Ober Organ
PL-Poly Funk
PL-Retro Gaming
PL-Soothing Brass

# Xp12 – Global and 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 ▶ Master Volume**

Set the Output Gain for the instrument

**2 ▶ Presets**

Select a global preset from the pull-down menu or browse them with the Prev/Next buttons

**3 ▶ Layer Globals**

» **On/Off Toggle**

Turn layers 1 and 2 on or off

» **Volume**

Adjust the Volume of each layer

» **Pan**

Adjust the Pan of each layer

» **Octave**

Adjust the Octave of each layer

**4 ▶ Pages**

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

## Basic Controls

**5 ▶ Layer Edit**

Choose to edit layers 1 or 2 seperately or simultaneously (1+2)

**6 ▶ Wave**

Choose the wave category from the top row "Group" and the wave in the second "waveform"

**7 ▶ Pitch**

» **Mode**

Choose the voicing mode from Mono, Poly and Mono 2

» **Tune**

Adjust the pitch in Semitones/Cents

» **Depth**

Adjust the Portamento depth

» **Time**

Set the Glide time

**8 ▶ Amplitude**

» **ADSR**

Attack / Decay / Sustain / Release envelope for the Amplitude section

» **Drive Amount**

Sets the amount of drive

» **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.

# Xp12 – EDIT Page [continued]



## Basic Controls (continued)

### 9 ▶ Filter

» **Type**
Choose Filter mode; High Pass, Band Pass, or Low Pass

» **ADSR**
Attack / Decay / Sustain / Release envelope for the Filter section

» **Frequncy**
Filter cutoff frequency

» **Resonance**
Adjust the resonance (Q) of the Filter

» **EG Depth**
Modifies the amount of ADSR envelope to be applied to the Filter

» **Velocity**
Adjust the Velocity > Filter sensistivity

### 10 ▶ Effects

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

### 11 ▶ Modwheel

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

### 12 ▶ Stereo

» **Mode**
Off / Alternate Pan / Unison

» **Color**
Shifts color based on adjacent samples

» **Spread**
Change the stereo width

» **Detune**
UNI Mode Only: detunes layers

# Xp12 - MOD Page



## LFO

**1** ▶ **Sync**

Enable/Disable LFO sync to Host Tempo

**2** ▶ **Waveshape**

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** ▶ **Parameters**

» **Steps**

Change the amount of steps for the sequencer to play

» **Grid**

Change the sequencers step length

» **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

**7** ▶ **Mod Routing**

Control the amounts of modulation to be applied to various parameters including; Volume and Filter

# Xp12 - ARP Page
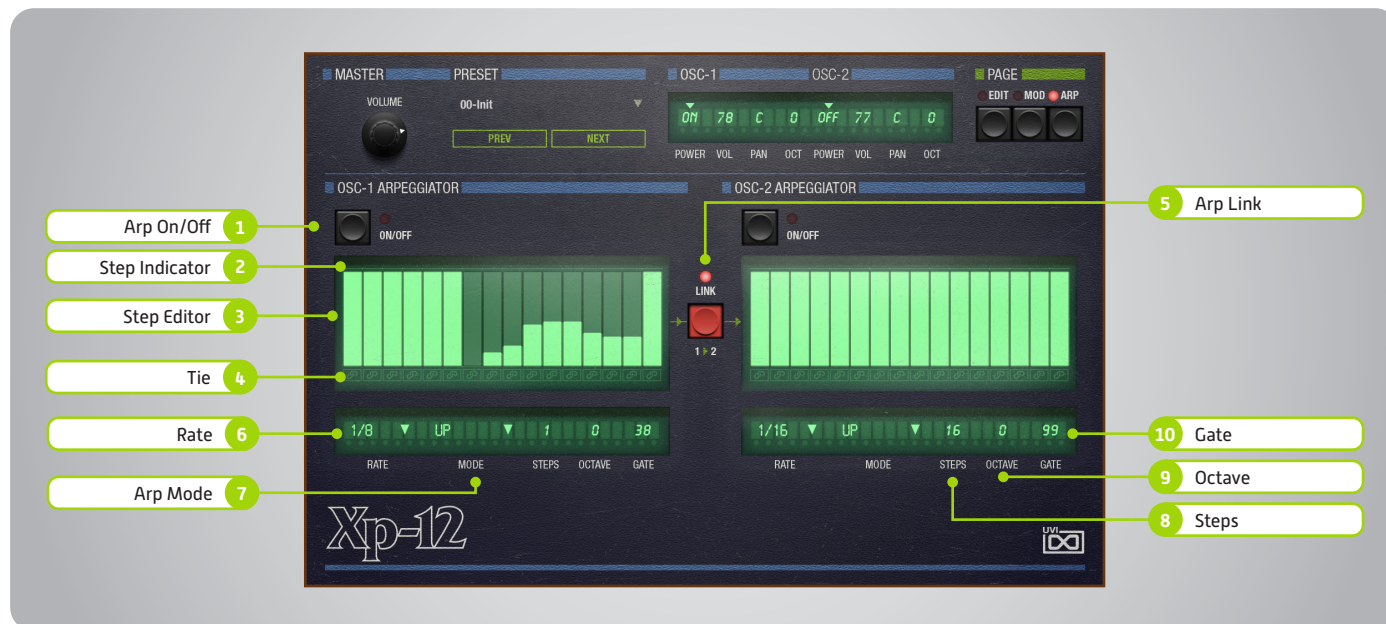


**1** ▶ **Arp On/Off**
Toggle the Arpeggiator On/Off

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

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

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

**5** ▶ **Arp Link**
When active, Arpeggiator 1 affects both OSC-1 and OSC-2 (whereas when disabled each Arp modifies its corresponding layer only)

**6** ▶ **Rate**
Set the step length (1/32 - 1/2)

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

**8** ▶ **Steps**
Set the number of steps to be played (1-16)

**9** ▶ **Octave**
Set the pitch range of the Arpeggiator in Octaves (±3oct)

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

# Xp-12 – Preset List

00 – Init

## Animated

Eclectric
Fake Chamber
Highlanding
Interfeeric
Islandia
Jarrepeggio
Jungle Kingdom
Lunar Walking 1
Lunar Walking 2
Metal Chain
Multi Waves
Paradisarp
Space Forest
Space Jamaica
Step by Step
Sub Aquatic
Synapse
Sync on Wheel
Systemic
The Sael
Titanik
Tourniquet
Transmutation
Triangle Pad
Va et Viens
Venus Angels
Video Game
Vulcania
Walking Kong
XArpander
Zoolookation

## Bass

Big Botte
Calabass 1
Calabass 2
City Of Bass
Clavibass 1
Clavibass 2
Driver Fuzz
Growl Bass
Huge Bass
Mini Monster
Modular Type
Overbass
Overtone
Phat Grain
Phatness
Porta Long
Round Simple
Scrapower
Serial Lower
Simple One
Stereo Bass
Syn 80
Syncotronic
TB Wheel
Textur
The Last Bass
Wheel Violence

## Bellish

Big Bells
Busic Mox
Carillon
Cute One
Delay Zing
Excalibur
Fantaisie
GlasVox
Indelaybell
Karimbell
Linear Bell
Marimbell
Mix Crunchy
Mon Sapin
My Christmas
Open the door
Organic
Pad and Bell
Panda Bell
Partials
Petite Bells
Puriste
Ring my Bell
Shaker Bells
Short Bell
Space Box
Speedobells
SteelD
Straight B
Transient
Tremoloxyde
Vox Bells
Woody Wood
Zing Brush

## Brass

Big Ones
Captain Horns
Classic Obrass
Da Brass
FX Chords
Gigantesque
Jaguar Brass
K12 Brass
Modularp Brass
Moving Brass
Mythic Horn 1
Mythic Horn 2
Mythic Horn 3
Polaroidobrass
Pure Synth
Real Obrass
Soft Brass
The Beast
Tom Horns
Total Brass
Yanni Horns

## FX

Antibells
Crazy Flute
Crazy Pad
Destroyed Pad
Eva Poration
Inharmonic
Lunar Tuning
Mixed Ambiances
No Harmony
Noise Vox
Orange
Out of Order
Rendering
Rezonoise
Soufflerie
Space Pigs
Stress Lime
Tom and Jerry
Zaponey
Zappoidal
Ze Bidule

## Keyboards

Bahamas Keys
Cheap KB
Clavinet
Digital Keys
EP Attack
Harpsacechord
Hybridation
Keypad
Keyrez
Lounge Keys
Medievvalet
Meditakeys
Melodian
New Aging
Pianalog
Rez is not right
Romance
Slapinet
Soft Clav
Space Detuned
Steady Clav
Suitcase
Sweep Soft Keys 1
Sweep Soft Keys 2
Tremo Road
Tremo Stack
Use the Wurl
WurlyXpander

## Leads

Calaba Lead
Classic P Lead
Decaled
Five Land
Funky Attalead
Funny City
Growl Lead
Hyper Mario
Intensity
Kali Flute
Mellolead
Perfecto
Phonk Fresh
Pluck Sync Solo
Polead
Portaged
Power Lead
Pure Sang
Rushing Lead
Sim Uzi Call
Soft Flute
Steve Lead
Wheel Da Lead
Wheel Wha
Zephyr Com

## Miscellaneous

Band Joe
Chillones
Confetti
Cop Horn
Hybrid Guitar
Hybrid Stack
Koto Poly
Mell Flute
Oboe Darmor
Pretty Zapluck
Spanish Guit
Stratanalog

## Organs

Cheezy Organ
Grandiose
Jaguar XP
Joyrganic
Karoussel
Leslie Rise
Matrix Organ
Orga Bubbles
Organ Citron
Pale Organ
Synth Organ
Xporgue

## Pads

Air Liquide
Brite Jul
Camomille
Composite
Dark Movement
Deep Pad 1
Deep Pad 2
Ensemble X
Falling Noise
Flutambe
Fullness
Homies Noos
Juan Michael
Los Pados
Moodark
Nappage
Noise Pad
Octavatak
Oulaoupad
Patch Modular
Phase Filter
Pole Nord
Satin Touch
Sealing
Slow Attack
Soft Drink
Square Pad
Standard Step
Step Amoy
Swell Pad
Wheel Expression
Zen Drive

## Polysynth

City Of Poly
Classy P
Digi Poly
Double Layer
Geofunk
Keynesian
Majestack
Matrixpander
Melodrive
Mute Funk
Plain Osc
Pluck Sync
Pluckphonic
Poly Cluster
Polyo Loco
Power XP
Rushing
Saw Det
Staxpander
Vanc Hoover
Wheel Agressive
Zapoly

## Strings

Analog Beauty
Big Orchestra
Denstrings
Little Stack
Modular Strings
Mood Machine
Muted Cordes
P2P Strings
Real Analog
Soft Ensemble 1
Soft Ensemble 2
Solo Violin
Stack Ensemble
Strings Bowed
Supa Stack
The Beastring
Very High
Vibrant
Xpandilona
Zebra Trois

## Sweeps

Brute Env
Dark Sweep
Hype Sweep
Mangoid Space
Multi Sweep
PeNeLope
Pluck Sweep
Poly Sweep
Robot Kaput
Subteling
Sweepotron
Twisted Texture
Wheel Me 1
Wheel Me 2

## Vocals

Almost Vox
Choirs 2K1
Filter Vox
Glass Choirs
Noisy Vox
Pander Vox 1
Pander Vox 2
Water Voice

# M-6k – MAIN Page and Globals



M-6k is outfitted with 2 oscillators; Osc 1 and Osc 2. Oscillator 1 provides 36 preset configurations while Oscillator 2 provides 175. Both oscillators have dedicated volume, pan, filters and envelope generators for amplitude and filter and arpeggiator in and Arpeggiator page. Edit and Effects pages effect the summed signal of both oscillators while Modulation can be set to selectively target Osc 1 and/or 2.

## Global Controls

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

**2 ▶ Global Presets**

**3 ▶ Global Volume**

## Basic Controls

**4 ▶ OSC 1/2 Selector**
Select Osc 1 or 2; presents discrete Signal, Amp Env, Filter and Filter Env controls

**5 ▶ OSC Volume**
Adjudst the selected layer's OSC volume

**6 ▶ OSC Pan**
Adjudst the selected layer's OSC pan

## 7 ▶ Amplitude
» **Amplitude: ADSR**
Adjust the amplitude using a typical Attack, Decay, Sustain, Release envelope
» **Amplitude: Velocity**
Toggle velocity on/off
» **Amplitude: Vel > Atk**
Enables Velocity input to Amp Env: Attack

## 8 ▶ Filter
» **Mode**
Set filter mode (LP/BP/HP)
» **Cutoff**
Set the filter cutoff frequency
» **Frequecy**
Set the filter resonance amount
» **Depth**
Set the filter's depth amount
» **Velocity**
Set the filter's velocity sensitivity
» **ADSR**
Typical ADSR envelope for the Filter

## Oscillators

**9 ▶ Oscillator 1**
» **Power OSC 1**
Turn Osc 1 on/off
» **Sounds [0–35]**
Select the preset sound

**10 ▶ Oscillator 2**
» **Power OSC 2**
Turn Osc 2 on/off
» **Sounds**
Select the sounds for oscillator, including 36 OSC 1 sounds

# M-6k - EDIT Page



## 1 ▶ OSC 1/2 Selector
Select Osc 1 or 2; presents discrete controls for Pitch/Portamento, Stereo and Modwheel

## 2 ▶ Voicing
» **Mono**
Toggle the voicing mode to Mono
» **Poly**
Toggle the voicing mode to Poly
» **Depth**
Adjust the Portamento depth
» **Time**
Set the Glide time

## 3 ▶ Pitch/Portamento
» **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
» **Power/Amount**
Easily route your controllers Modwheel to control common parameters such as Vibrato Rate, Tremolo Rate and Filter Depth

# M-6k - MOD Page



## 1 ▶ LFO

» **Sync**
Enable/Disable LFO sync to Host Tempo

» **Waveshape**
Choose LFO waveshape; Sine, Triangle, Square or Sample & Hold

» **Speed**
Change the LFO Speed

» **Mode**
Change the LFO retrigger mode; Retrigger, No Retrigger or Legato

» **LFO Routing**
Control the amount of LFO modulation to be applied to various parameters including; Pitch, Drive, Volume and Filter

## 2 ▶ 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 Routing**
Control the amounts of modulation to be applied to various parameters including; Volume Amount, Filter Depth

## 3 ▶ Modulation Targets

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

# M-6k - FX Page
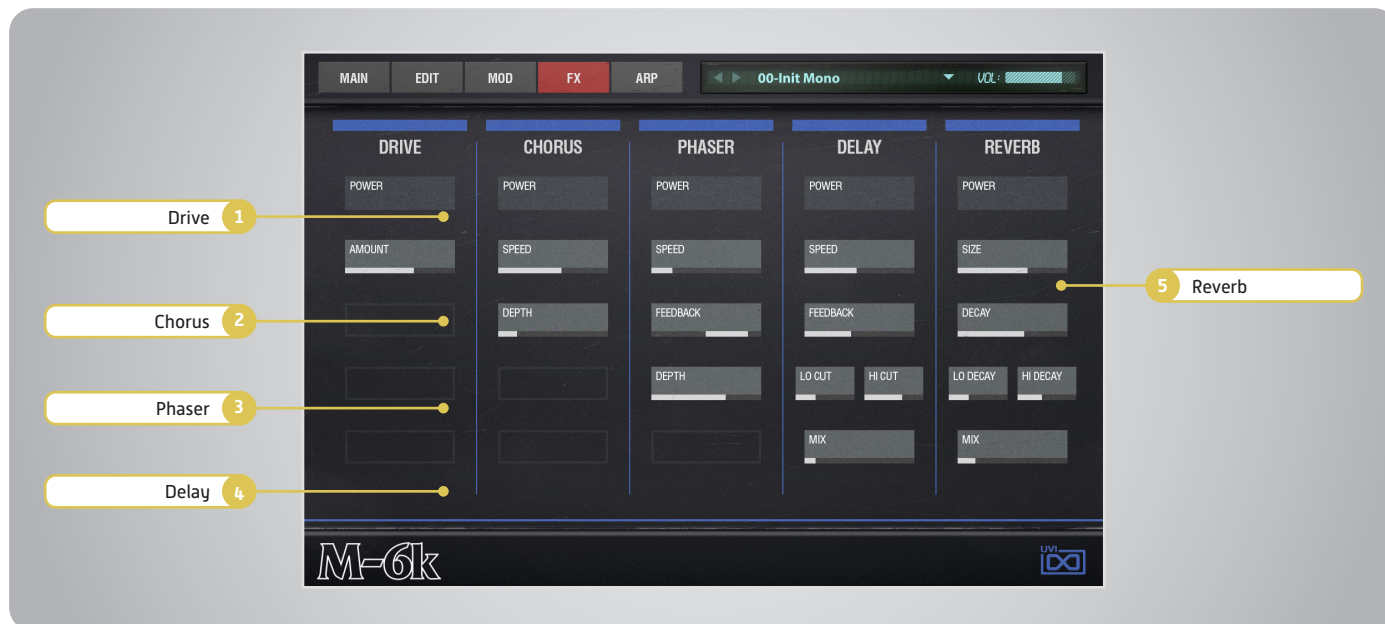


## 1 ▶ Drive

» **Power**
Turn the effect on/off

» **Amount**
Adjust the drive amount

## 2 ▶ Chorus

» **Power**
Turn the effect on/off

» **Speed**
Adjust the chorus modulation speed

» **Depth**
Adjust the chorus modulation depth

## 3 ▶ Phaser

» **Power**
Turn the effect on/off

» **Speed**
Adjust the phaser modulation speed

» **Feedback**
Adjust the phaser feedback amount

» **Depth**
Adjust the phaser modulation depth

## 4 ▶ Delay

» **Power**
Turn the effect on/off

» **Speed**
Adjust the delay time

» **Feedback**
Adjust the delay feedback amount

» **LoCut**
Adjust the delay output's low-cut filter frequency

» **HiCut**
Adjust the delay output's hi-cut filter frequency

» **Mix**
Adjust the delay effect mix amount

## 5 ▶ Reverb

» **Power**
Turn the effect on/off

» **Size**
Adjust the reverb room size

» **Decay**
Adjust the reverb decay time

» **LoDecay**
Multiplies the decay time (-/+) for the low frequency signal

» **HiDecay**
Multiplies the decay time (-/+) for the high frequency signal

» **Mix**
Adjust the reverb mix amount

# M-6k - ARP Page



**1 ▶ Power**

Toggle the Arpeggiator On/Off

**2 ▶ Mode**

Select Up, Down, or Up and Down

**3 ▶ Steps**

Change the number of playable steps
(1-16)

**4 ▶ Speed**

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

**5 ▶ Octave**

Set the pitch range in Octaves

**6 ▶ Gate**

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

**7 ▶ Step Indicator**

LED lights up when step is triggered

**8 ▶ Step Editor**

Freely draw note velocities

**9 ▶ Tie**

When active, step inherets Velocity from
the previous step

**10 ▶ Link**

When active, Arpeggiator 1 affects
both OSC-1 and OSC-2 (whereas
when disabled each Arp modifies its
corresponding layer only)

# M-6k - Preset List

00-Init Stereo

## Animated

Castle Whistle
Conceptuwheel
Dark Jadore
Double Dutch
Foundation 80 1
Foundation 80 2
Hollow Sonic
Jean Modular 1
Jean Modular 2
Jean Modular 3
Jolie Mome
Joyeux Lutin
Like an Angel
Machinereverie
Magicity
Mariarp
Matrix Vibration
Mellocoton
Name Dropping
One Day We Go
Poker Mind
Porta Creamy
Quasar Chaos
Robot Feeling
Six K Arp
Space Rubens
Step FIlter
Sub Move
Tenderness
Thinking Loud
Tuba Reaper Gio
Waterfall

## Bass

Basstronix
Clav Touch
Disto Range
Drive One
Funky B One
Funky B Two
Garage House
Metal Thing
Modulatrix 1
Modulatrix 2
Modulatrix 3
Monster Wheel 1
Monster Wheel 2
Open Filter
Painting Bass
Plain Bass
Pure Analog 1
Pure Analog 2
Slapanalog
Smooth Bass
Soul Train
Stack Man
Stand Up
Static Tac
Steady One
Syncing
Talking OB
Trix Bass 1
Trix Bass 2
Two Thousands 6
Zap Bass

## Bells

Age Ancient
Analog Bells 1
Analog Bells 2
Bellano
Child Bells
Echo Rain
Fave Water
FM Bells
Kalimbax
Little Field
Marx Bells
Mixed Bells
Noise Bells
Orgotron
Pink Lemon
Plucky Bell
Pop Bells Corn
Riff Bells
Saint York
Sine
Soft Mood
Steel Drumish
Stepabelle
Ultra Wethin
Underwater
Vibes 1
Vibes 2
Vibra 1K Bell
Vibration
X Digital

## Brass

Arp System
Beauty Wheel
Brasliasing
Calm Jeanne
Dark Brass 1
Dark Brass 2
Dirty Brasses
Disturbing
F Horns A
F Horns B
Funk Fusion
Hornolo
Low and Dark
Martine OB
OBrass One
OBrass Two
RAS Brass
Short Bread
Staccabrass
Steady Brass
Syn 1K Brass
Syn 2K Brass
Van Brass 1
Van Brass 2
Van Brass 3

## FX

Falling Chimer
Fantonoise
Flexatone
FX Bellox
FX Pad
Mayhem of Noise
Mayhem of Tune
Moon Race
Peer Nawak
Rind Mad
Spacompute

## Keyborads

Clavivox
Clavroad
Creative Piano
Deep Dark
Dirty Suitcase
Electric
Fendering
FM Keys 1
FM Keys 2
Funklav
Harpsynalog
Matrix Dyno
Matrix Tines
Matrixnet
Mel Road
Minichelsone
More a Pad
Piano Toy
Pro Ana Keys
RMI Keys
Road Phase Clav
Sadness Mood
Sustain Wave
Urban Reggae
Wah Keys
Wheel Cute
Wurlix

## Leads

Brasialead
Da Vinci Claude
Detuned
Flutix 6
Funk Machine
Funny Solow
Fusioning
FX Leads
Lead Rick
Lead Strings
Leader Brass 1
Leader Brass 2
Monoxide
Solo Guit 1
Solo Guit 2
Solo Mio
Synthy Dirty
Tokyo Lead
Transient Lead
Very High
Vibra Sync
Wheel Chtaview
Whistle X
Zorg Clinton

## Misc

Arbalette
Glasromonium
Harp Synth
Human Nation
Hybrid Accordion
Ile aux Enfants
Melodigate
Metal Choir
Noise Flute Wheel
Old TV Show
Riser Down
Royalist
Soft Pop Corn
Split Band
Stacck Flute
Steel Like
Unknow Territory
Vulcan Orchestra
Wheel Volution 1
Wheel Volution 2

## Organs

Chapel in the Moon
Click Thing
Dirty Orgue
Jimmy B
Korgan
OB3
Orgsichord
Smith B
Sugorgan
Tri Organ
X Pipes 1
X Pipes 2

## Pad

1K Pad
Anamello
Argonote
Deep Mind
Flute 1K Pad
Jarre Tee Show
Juan Michel Stars
Lead Pad
Linear Pad
Low Pad
MovOB
Octamoove
Octave Merge
Porta Mood
Rawlina
Sans Bulle
Smoothy
Spectral Build
Squarade
Stachoirs
Ultra Soft FXish
Universe Hole
Vox Like
Vox Populi
Where are you
Wurzburg

## Pluck

Blop Corn
Delay Focus
Delayse 1
Delayse 2
Delayse 3
Dirty One
Harp Syn 1
Harp Syn 2
Harpanolog
Harpluck
Nylon
Pluc1K
Pluckimba
Power Pluck
Short Analog
Sugo Pluck 1
Sugo Pluck 2

## Polysynth

Emporium
Funky Smooth
Grandiloken
H Jones
Hook at Me
Hybridizer 1
Hybridizer 2
Mayhem of Pole
Metal Noise
Noise Brass
Phaseman
Poly 1K
Poly Master
PolyFunk A
PolyFunk B
Short Poly Brass
Space Accordion
Space Caroussel
Standard Poly
Star Pole
Talking Flute

## Stepped

Aqua Moving
BraSteps
D4R4 Wheel
Finaland
Gate Pride
Hybrid Pluck
Ice Walk
Old Field
Pad Melody
Rise Down
Sky Priority
Smooth Graph
Steady Step
Step Sister
Stepotronix
Sub Aquatic
Talk my Wheel
X Perry Mental

## Strings

Big Bro
Cheap Strings
Ensemble X
Little Strings
Matrix Strings
Orchestrix
Pizza Pai
Strings 1K
Syn Strings

## Sweeps

1K Sweep
Arpesweep
Da Mountain
Deep Sweep
Filter Sweepad
Glassweep
Magic Land
Matrixweep 1
Matrixweep 2
Meteorix
Rebound
Sine Sweep
Slow and Deep
Slweep Mood

# M-6k – Oscillator Sounds

## Osc A:

Plain Bass
Syncing
Stand Up
Basstronix
Open Filter
Pure Analog 1
Pure Analog 2
Talking OB
Dark Brass
Disturbing
OBrass Two
Fusioning
Whistle X
Linear Pad
Vox Like
Ensemble X
Filter Sweepad
Da Mountain
Beliasing
Clavivox
Funklav
Matrix Tines
RMI Keys
Harpanolog
Pluckimba
Sugo Pluck 1
Sugo Pluck 2
Noise
Saw
Square
Triangle
Waves Mix 1
Waves Mix 2
Waves Mix 3
Waves Mix 4
Waves Mix 5

## Osc B:

### Bass

Basstronix
Clav Touch
Closed Filter
Funky B One
Funky B Two
Metal Thing
Open Filter
Plain Bass
Pure Analog 1
Pure Analog 2
Slapanalog
Smooth Bass
Stand Up
Steady One
Syncing
Talking OB
Trix Bass 1
Trix Bass 2
Two Thousands 6

### Bells

Beliasing
Bellano
Echo Rain
FM Bells
Marx Bells
Noise Bells
Orgotron
Pop Bells Corn
Saint York
Sine
Vibes 1
Vibes 2
Vibration
X Digital
Plucky Bell
Vibra 1K Bell

### Brass

Brasliasing
Dark Brass
Disturbing
F Horns A
F Horns B
Hornolo
Martine OB
Oboe
OBrass One
OBrass Two
RAS Brass
Steady Brass
Van Brass 1
Van Brass 2
Van Brass 3
Syn 1K Brass
Syn 2K Brass

### FX

Falling Chimer
Fantonoise
Flexatone
FX Bellox
FX Pad
Mayhem
Moon Race
Peer Nawak
Rind Mad
Spacompute
Mayhem of Tune

### Keyboards

Clavivox
Clavroad
Creative Piano
Dirty Suitcase
Electric
FM Keys 1
FM Keys 2
Funklav
Harpsynalog
Matrix Tines
Matrixnet
Mel Road
Piano Toy
RMI Keys
Wurlix
Wah Keys

### Leads

Brasialead
Detuned
Flutix 6
Fusioning
Monoxide
Solo Guit 1
Solo Guit 2
Tokyo Lead
Very High
Whistle X
Funny Solow
Vibra Sync

### Organ

Dirty Orgue
Jimmy B
Korgan
OB3
Smith B
Sugorgan
X Pipes 1
X Pipes 2

### Pads

Anamello
Argonote
Lead Pad
Linear Pad
Low Pad
MovOB
Octave Merge
Rawlina
Smoothy
Vox Like
Vox Populi
1K Pad
Flute 1K Pad
Porta Mood
Squarade

### Pluck

Blop Corn
Delayse 1
Delayse 2
Delayse 3
Harp Syn 1
Harp Syn 2
Harpanolog
Harpluck
Nylon
Pluckimba
Short Analog
Sugo Pluck 1
Sugo Pluck 2
Pluc1K

### Polysynth

Funky Smooth
H Jones
Phaseman
Poly Master
PolyFunk A
PolyFunk B
Space Accordion
Space Caroussel
Standard Poly
Star Pole
Poly 1K

### Strings

Big Bro
Cheap Strings
Ensemble X
Little Strings
Matrix Strings
Pizza Pai
Syn Strings
Strings 1K

### Sweeps

Filter Sweepad
Slweep Mood
1K Sweep
Da Mountain

### Waveforms

Noise
Pulse 0
Pulse 10
Pulse 20
Pulse 41
Pulse 52
Pulse 61
Saw
Shape 33
Square
Triangle
Uni Pulse 20
Uni Pulse 50
Uni Saw
Uni Square
Uni Triangle
Waves Mix 1
Waves Mix 2
Waves Mix 3
Waves Mix 4
Waves Mix 5
Waves Mix 6
Waves Mix 7
Waves Mix 8

# UV-XXX - MAIN Page and Globals



UX-XXX is outfitted with 2 oscillators; Osc 1 and Osc 2. Oscillator 1 provides 17 preset configurations while Oscillator 2 provides 122. Both oscillators have dedicated volume, pan, filters and envelope generators for amplitude and filter and arpeggiator in and Arpeggiator page. Edit and Effects pages effect the summed signal of both oscillators while Modulation can be set to selectively target Osc 1 and/or 2.

## Global Controls

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

**2 ▶ Global Presets**

**3 ▶ Global Volume**

## Basic Controls

**4 ▶ Edit Layer**
Select Osc 1 or 2; presents discrete Signal, Amp Env, Filter and Filter Env controls

**5 ▶ Amplitude**
» **Velocity**
Toggle velocity on/off
» **Vel > Atk**
Enables Velocity input to Amp Env: Attack

## 6 ▶ Filter
» **Mode**
Select between LP, BP or HP filter shapes, or OFF to disable the filter
» **Cutoff**
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

## 7 ▶ Evelopes
» **Amplitude: ADSR (upeer row)**
Adjust the amplitude using a typical Attack, Decay, Sustain, Release envelope
» **Filter: ADSR (lower row)**
Typical ADSR envelope for the Filter

## Oscillator Controls

**8 ▶ Volume**
Adjudst the selected layer's OSC volume

**9 ▶ Pan**
Adjudst the selected layer's OSC pan

**10 ▶ Oscillator 1**
» **Power**
Turn Osc 1 on/off
» **OSC-1 Sounds [1-17]**
Select the preset sound

**11 ▶ Oscillator 2**
» **Power**
Turn Osc 2 on/off
» **OSC-2 Sounds**
Select the oscillator sounds, including 17 OSC 1 sounds

# UV-XXX - EDIT Page



## 1 ▶ Edit Layer

Select Osc 1 or 2; presents discrete controls for Pitch/Portamento, Stereo and Modwheel

## 2 ▶ Pitch

» **Octave**
Adjust the pitch in Octaves

» **Semitone**
Adjust the pitch in Semitones

» **Monophonic**
Toggle the voicing mode to Mono

» **Polyphonic**
Toggle the voicing mode to Poly

» **Portamento: Time**
Set the Glide time

» **Portamento: Depth**
Adjust the Portamento depth

## 3 ▶ Modwheel

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

## 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

# UV-XXX - MOD Page



## 1 ▶ LFO

» **Speed**
Change the LFO Speed

» **Waveshape**
Choose LFO waveshape; Sine, Triangle, Square or Sample & Hold

» **Sync**
Enable/Disable LFO sync to Host Tempo

» **Mode**
Change the LFO retrigger mode; Retrigger, No Retrigger or Legato

» **LFO Modulation Routing**
Control the amount of LFO modulation to be applied to various parameters including; Volume Amount, Filter Depth and Pitch Depth

## 2 ▶ 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 Modulation Routing**
Control the amounts of modulation to be applied to each or both Osc's Volume Amount, Filter Depth

## 3 ▶ Modulation Targets

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

# UV-XXX - FX Page



## 1 ▶ Drive

» **Power**
Turn the effect on/off

» **Amount**
Adjust the drive amount

## 2 ▶ Chorus

» **Power**
Turn the effect on/off

» **Speed**
Adjust the chorus modulation speed

» **Depth**
Adjust the chorus modulation depth

## 3 ▶ Phaser

» **Power**
Turn the effect on/off

» **Speed**
Adjust the phaser modulation speed

» **Feedback**
Adjust the phaser feedback amount

» **Depth**
Adjust the phaser modulation depth

## 4 ▶ Delay

» **Power**
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

## 5 ▶ Reverb

» **Power**
Turn the effect on/off

» **Size**
Adjust the reverb room size

» **Decay**
Adjust the reverb decay time

» **Low Decay**
Multiplies the decay time (-/+) for the
low frequency signal

» **High Decay**
Multiplies the decay time (-/+) for the
high frequency signal

» **Mix**
Adjust the reverb mix amount

# UV-XXX - ARP Page



1 ▶ **Power**
Toggle the Arpeggiator On/Off

2 ▶ **Mode**
Select Up, Down, or Up and Down

3 ▶ **Steps**
Change the number of playable steps
(1-16)

4 ▶ **Speed**
Change the step duration (1/32 - 1/1)

5 ▶ **Octave**
Set the pitch range in Octaves

6 ▶ **Gate**
Change the step length (from zero to the
tracks Resolution setting)

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

8 ▶ **Step Editor**
Freely draw note velocities

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

10 ▶ **Link**
When active, Arpeggiator 1 affects
both OSC-1 and OSC-2 (whereas
when disabled each Arp modifies its
corresponding layer only)

# UV-XXX - Preset List

00-Init Mono
00-Init Stereo

## Animated

Arp and Step
Classicarpe
Clouding
Gate Arp Pad
Grain de Folie
Hypnotic
Insecticide
Killer Cut
Los Bomberos
Mambotronic
Melody Maker
MOBdular
MonophOB
Mouelleux
Moving Faders
Noise Beat
Old Schooling
Opre OB
Orangine A
Orangine B
Planetarium
Porta Vion
Queen 8
Rand Homme
Solo Logram
Space Birds
Square LFO
Stand Alone
Sweedish Pop
Tea Short
Very Wheel
Voile Actey
Warrior Play
Wheel Double Arp

## Bass

Bass Ton
Classic BasSX
Clicky
Ensub
Grain Bass
Gray Bass
Hybrid Polybass
In Da House
Jarre Bass
Metal Bottom
Michael Bass
Pad Spirit
Phase Phat
Power Bass
Res Dark
Saw Two
Seq XXX 1
Seq XXX 2
Seq XXX 3
Seq XXX 4
SUBlime
That 80s
Tuba Riton
Wheel Phase
Xtreme Sync

## Bells

Belladonna
Eighties Flavours
Fast Bells
Magic Powder
Marie Analog
OBells 1
OBells 2
Old Analog B
Paradise
Portabella
Robot Birthday
Sangor Bells
Shangai Night
Songery
Step Type
Super Bellor
Synthetic Bells
Wonderland

## Brass

Brasspanter
BrasSXweep
Chords Dhier
Classic Fast
BrasSX
Classic Soft BrasSX
Crawl Glass
Funk SX
Love Proof
Organ Brass
Phat Brass 1
Phat Brass 2
Sale Gelis
Staccato Brass
Synth FX Brass
Vangerine
Waves
Xavi Brass

## Chords

Five State
Five X
Give me Five
Mad One A
My Chord
No Tone
Sound Chaser
Sweep 5

## FX

Da Birds
Hitchcock
Little THXa
Noise FX Pad
Pac Man
Policia
Psychastic
R Two D Two
Scream Cat

## Keyborads

Acoustic Mood
Clav XXX 1
Clav XXX 2
HarpsichOB
HarpSXichord
Hybrid Keys 1
Hybrid Keys 2
Ice Toys
Key Brass
Lauper Keys
Like a Piano
Magic Keys 1
Magic Keys 2
Mix Pleet
Overtone
Power Keys
Sinkers
Stackanalog Keys
SX Elec Piano
SXuitcase
Tony Keys

## Leads

Classic SXolo
Clicky Lead
Dirty Fresh
Eve and Adam
Funky Fusion
Ghost Ya
Grain Lead
Hybrid Solo
Jarre Solo
Key Lead Minog
Lead Ton
Leader Brass
Metal Bottom
Lead
Nice Belead
Pop Lead
Sirene
Square Table
SUBlead
SX Solegato
Sync Sync
Wheel Xpressive

## Miscellaneous

aXa Bells
Cordafile
ElectriKoto
Ghost Pluck
Hybrid Frets
Lead Fuse
MellOB
Mosci Ghost
Mysterio
Nosy Yard
OB Gate
OBordeon
Paranoid
Power Mix
Renaissance
Robot City
Shadocking
Space Mello
Strat Bub
SX Solomono
The Question
Time Bomb
Tutti Synth
Xabrupt

## Organs

Chrystal B3
Church Xa
Clickor GA
Clickor GB
Dirty Organ
Full SX Organ
Lunar Church
Modern Organ
SX B3
Whammond

## Pad

Beauty
Brite SX Pad
Infusion
Inspection
Jolie Choir
Large Waves
Love Powder
Multi Ambience
Noisyminous
OctaVNi
OminouSX
On TV Pad
Pad Bottle
Pad Brass
Phaseman
Plain Pad
Plain SXtrings
Portamento
Quantic
Saharian
So Calm 1
So Calm 2
Square Strings
Strings Mach
SXtandar Pad
Synth Poet
To the Saw
Touchable
Up to Date
Vanacopad
Warm Pad

## Pluck

Eighties One
Guitarish
Harp X
PluXa
Square Pluck
Stack OB
tOBy Piano

## Polysynth

Fast Env
Hybrid Poly
Le Large
Massive
Multi Scie
Negative Env
Noise Life
Not the Trami
OBrassy
Of Mayhem
Pac Corn Man 1
Pac Corn Man 2
Phaser Day
Polyphonk
PolySXynth
Power Xa
Propolis
Raspail Bells
Real Porta 1
Real Porta 2
She is False
Soft Juice
Sucrerie
SX PoLead 1
SX PoLead 2
SX Power
SXoft Poly
SXquaring
Sync Phase
Synth Horns
SynXa
UVI Brass

## Sweeps

Classic Sweep 1
Classic Sweep 2
Del Toro
Easy Sweep
Filter Journey
Filtermania
Gray Zill
Hard Sweep
In the Cloud
La DoXa
OB Sweep
Strings Sweep
Sweep Heart
Sweep of Satin
Sweepluck
The Balais
Wheel to Filter

# UV-XXX – Oscillator Sounds

## Osc A:

Classic Soft BrasSX
Classic Fast BrasSX
BrasSXweep
Classic BasSX
SX Elec Piano
Full SX Organ
PolySXynth
SXoft Poly
Fast Env
Plain SXtrings
OminouSX
Brite SX Pad
X Noise
X Pulse 1
X Pulse 2
X Saw
X Square

## Osc B:

### Bass

Bass Ton
Classic BasSX
Clicky
Ensub
Grain Bass
Gray Bass
Hybrid Polybass
Jarre Bass
Metal Bottom
Pad Spirit
Power Bass
SUBlime

### Brass

BrasSXweep
Classic Fast BrasSX
Classic Soft BrasSX
Funk SX
Xavi Brass

### Chords

Five State
Five X
Mad One A
My Chord
No Tone
Sweep 5

### FX

Hitchcock
Little THXa
Pac Man
Policia
Psychastic
R Two D Two
Scream Cat

### Keyboards

Church Xa
Clickor GA
Clickor GB
Dirty Organ
Full SX Organ
HarpsichOB
HarpSXichord
Like a Piano
Overtone
Sinkers
SX B3
SX Elec Piano
SXuitcase

### Miscellaneous

aXa Bells
Cordafile
Ghost Pluck
Hybrid Frets
Lead Fuse
MellOB
Mosci Ghost
Nosy Yard
OBordeon
Shadocking
Strat Bub
SX Solomono
Xabrupt

### Pads

Brite SX Pad
Infusion
OminouSX
On TV Pad
Pad Bottle
Pad Brass
Plain Pad
Plain SXtrings
Square Strings
Strings Mach
SXtandar Pad
Warm Pad

### Pluck

Guitarish
Harp X
PluXa
Square Pluck
Stack OB
tOBy Piano

### Polysynth

Fast Env
Massive
Multi Scie
Negative Env
Noise Life
OBrassy
Polyphonk
PolySXynth
Power Xa
Real Porta 1
Real Porta 2
Soft Juice
SX PoLead 1
SX PoLead 2
SX Power
SXoft Poly
SXquaring
Sync Phase
SynXa
UVI Brass

### Sweeps

Classic Sweep 1
Classic Sweep 2
Easy Sweep
Filtermania
Gray Zill
Hard Sweep
La DoXa
Strings Sweep
The Balais

### X Waveforms

X Noise
X Pulse 1
X Pulse 2
X Saw
X Saw Pulse
X Square
X Uni Pulse
X Uni Saw
X Uni Square

### Xa Waveforms

Xa Pulse 1
Xa Pulse 2
Xa Pulse 3
Xa Saw
Xa Saw Pulse
Xa Square
Xa Uni Pulse 1
Xa Uni Pulse 2
Xa Uni Saw
Xa Uni Square

# UVSR-2 – EDIT Page and Globals



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

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

**3 ▶ Layer Globals**
» **On/Off Toggle**
Turn layers A and B on or off
» **Volume**
Adjust the Volume of each layer
» **Pan**
Adjust the Pan of each layer
» **Octave**
Adjust the Octave of each layer

**4 ▶ Master Output**
Set the Output Gain for the instrument

## Basic Controls

**5 ▶ Layer Edit**
Choose to edit layers 1 or 2 seperately or simultaneously (Red Botton)

**6 ▶ Wave**
Choose the wave category from the top row "Group" and the wave in the second

**7 ▶ Amplitude**
» **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.
» **Drive Amount**
Sets the amount of drive
» **ADSR**
Attack / Decay / Sustain / Release envelope for the Amplitude section

**8 ▶ Pitch**
» **Mode**
Choose the voicing mode from Mono, Poly and Mono 2
» **Tune**
Adjust the pitch in Semitones/Cents
» **Depth**
Adjust the Portamento depth
» **Time**
Set the Glide time

# UVSR-2 – EDIT Page [continued]



## Basic Controls (continued)

### 9 ▶ Filter

» **ADSR**
Attack / Decay / Sustain / Release envelope for the Filter section

» **Type**
Choose Filter mode; High Pass, Band Pass, or Low Pass

» **Frequency**
Filter cutoff frequency

» **Resonance**
Adjust the resonance (Q) of the Filter

» **EG Depth**
Modifies the amount of ADSR envelope to be applied to the Filter

» **Velocity**
Adjust the Velocity > Filter sensistivity

### 10 ▶ Stereo

» **Mode**
Off / Alternate Pan / Unison

» **Color**
Shifts color based on adjacent samples

» **Spread**
Change the stereo width

» **Detune**
UNI Mode Only: setunes layers

### 11 ▶ Effects

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

### 12 ▶ Modwheel

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

# UVSR-2 – 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
» **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; Volume, Filter, Pitch and Drive

## Step Modulator

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

### 6 ▶ Parameters
» **Steps**
Change the amount of steps for the sequencer to play
» **Resolution**
Change the sequencers step length
» **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

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

# UVSR-2 - ARP Page



**1 ▶ Arp On/Off**

Toggle the Arpeggiator On/Off

**2 ▶ Mode**

Select Up, Down, or Up and Down

**3 ▶ Resolution**

Set the step length (1/32 - 1/2)

**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 ▶ Step Indicator**

LED lights up when step is triggered

**6 ▶ Step Editor**

16-step sequencer; affects Velocity

**7 ▶ Tie**

When active, step inherets Velocity from the previous step

**8 ▶ Step Quantity**

Set the number of steps to be played (1-16)

**10 ▶ Octave**

Set the pitch range of the Arpeggiator in Octaves (±3oct)

**8 ▶ Gate**

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

# UVSR-2 – Preset List

00-Init Stereo

## Animated

Asianalog
Calm Down
Double Tree
Eighties Wheel
Light Fair
Low and High
Marechal
Moze Arpeggio
Nostalgie
Note Raining
OB Modular 1
OB Modular 2
Pattern Gate
PNLish
Pulsastion 1
Pulsastion 2
Ring Step Ring
Schyzowheel 1
Schyzowheel 2
Screamlex
Sidechain Pump
Single Arp
Sitarpeggio
Softissimo
Space Chasing
Step Bella
Super Marion
Tanger In
Tanger Out
Tic Tac Toc
Time Warp
Vezcharpeggio
Voyage en Asie
Wheel Chtavu
Wheel Gringo
Wheel That Pad
Zoo Cyclic

## Bass

Amazing Low
Bassyne
Big Bass
Carpenter
Dirty One
Drive Machine
Drone B
Hardisto
Low Sweel
Metallic
Mode Depeche
Motor Low
Party Rocking
Pluck Low
Roomy Pastor
Saw Low
Sub Grain
Sub Lounge
Talking Low
Transpiration
Underwater Bass
Zapp Soft
Zephyr Bass

## Bellish

Asian Mood
Celeste
Chimere
Dulcibell
Eighteaser
Grinder
Harp Bell
Kalimbell
Kotomatic
La Bella Dona
Marion Bells
Organ Bell
Soft Mood
Sprite
Sync Bell
Vibrabelle
Windsor
Zeen

## Brass

Attitude
Clip Horns
French Horn
Hybrid Brass
Laos Horns
Mad Trumpet
Majestica
Mellowdie
Metal Slow
Mini Funky
Morphwheel
One Again Horns
Page Art Brass
Poly Brass
Solinorne
Steady Brass
Steady Funky
Toto Cool

## FX

Descendo
Falling Step
Glory Bowl
Sonarte
Tometeorite

## Keyborads

Analog Piano
Cheezy Piano
Church Pipe
Clavi Pulse
Clavi Star
Digitalike
Farfision
Funklavedlik
Jaguar
Jazz Click
Kyoto Keys
Little Keys
Low Keys Sweep
Marion Tines
Okeys
Organ Thing
Petit Manege
Phase Clav
Popiano
Road Logic
Soft Keys
Step Keys Arp
Trem Wurly

## Leads

Attack Lead
Chamalead
Flutoxygen
Granuleux
Hybrid Pad Lead
Lead Haiphix
Little Funk
Power Lead
Pro Ana Solo
Pure Lead One
Pure Lead Two
Rigolead
Satinoid
Solo Grain
Supro Solo
The Digital

## Pad

Big One
Bubbles
Darkatak
Frozen Fire
Galactica
Little Phase
Madagascar
Mello Flute
OBservatoire
Pad Corn
Pattern Gate
Pipe Pad
Plain Stepped
Pulse Pad
Sean Michael Jar
Stepad
Streamy
Wheel to More
Wheel to Step

## Pluck

Analogish
Dreamer
Guitar Ode
Harpsy
Hugossip
Melania
Mutation
Pluck Law
Pluck Sweep
Polenta
Sitaring
Solo Pluck
Twelve Elec
Typicanalog

## Polysynth

Filter Down
Funkaloid
Hollophonic
Medium Size
Omniwheel
Poly Harp Moor
Power Stax
Stepolyrese
The Tenth
Very Soft
Wheel Myth
Zelda Scream

## Strings

Biocordes
Brite Strings
Chambers
Dark Wheeldor
Ensemble
Mellocorde
Orchestra
Poseidon
Soft Mood
Space Orchestra
Space Strings
String Attack

## Sweeps

Classic Pad Sweep
Harsweep
Multiplication
Space UFO
Sweep Chapelle
Wheel Sweep

# Ob LEGACY

# Six-12



## 1 ▶ Voicing
Switch between mono and poly modes

## 2 ▶ Pitch
» **Depth**
Sets the depth of portamento
» **Time**
Sets the glide time

## 3 ▶ Amplitude
» **ADSR**
Typical envelope controls for the amp
» **Velocity**
Adjust the amp velocity sensistivity
» **Vel > Atk**
Remaps Attack to Note Velocity

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

## 5 ▶ Filter
» **Mode**
Multimode filter can be set to low-pass
(LP), band-pass (BP), or high-pass [HP]
» **Cutoff**
Filter cutoff frequency
» **Resonance**
Filters resonance amount
» **Velocity**
Adjust the filter velocity sensitivity
» **Envelope**
Depth of the filter envelope
» **ADSR**
Typical envelope controls for the filter

## 6 ▶ Drive
» **On/Off Switch**
» **Amount**
Sets the overdrive amount

## 7 ▶ Bit Crusher
» **On/Off Switch**
» **Bit**
Set the bit reduction
» **Frequency**
Set the Bit Crusher sample rate
» **Mix**
Adjust the mix level of the Bit Crusher

## 8 ▶ Effects
» **Thorus**
Adjust the Chorus depth
» **Delay**
Adjust effect mix amount
» **Reverb**
Adjust effect mix amount

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

# Six-12 – Preset List

**Bass**
- Electric B
- Filter Cream
- Funky Mama
- Jamaica
- Mod Bass
- Organ Bass
- Phat Chorus
- Power On
- Saw Six
- Slap Dolce
- Space Torius
- Split Ghetto
- Stack Drone
- Sub Aquatic
- Sub Conscient
- TB Talk 1
- TB Talk 2
- Tuba Land
- Typicanalog

**Bellish**
- Bellagio
- Box Mox
- Chime Bell
- Fantasiou
- Like a Bell
- Little Porta
- Power Bells
- Shift Bill
- Split Fire
- Ultra Bells
- Very Clear

**Brass**
- Electric Brass
- Grain Brass
- Hybridation
- Keys Brass
- OB12 Brass
- Old Vibrass
- Plastic Horns
- Raw Brass
- Synth Brass
- Wha Soft Brass
- Woodwindish
- Zink Brass

**FX**
- Bubble Pad
- Drone Chord
- Fusion Chord
- Lunar Com
- Multi Zone
- My Rian
- Orchordstra
- Randomina
- Space Chord
- Suspense
- Talk FX
- Time Bomb

**Impulse**
- Funk Short
- Harprhodes
- House Chops
- Impulsion
- Pluck Citron
- Short Hoover
- Soft Imp
- Talking Seq

**Keyboards**
- Clav Brass
- Cymbalohm
- Dulce Amer
- Frantikeys
- Harm Onyx
- Hybrid Keys
- Melodikeys
- Organ Pad
- Oroadgan
- Over Pluck
- Psycho Rdhar
- Road One
- Road Two
- Stack Organ
- Steady Pluck
- Vibre Home
- Zhitar Keys

**Leads**
- Chord Solo
- Fuse Solo
- George Clint
- Kenry Hory
- Lead Mayfield
- Olfiedien
- P Funk Lead
- Paft Dunk
- Phonk One
- Soft Sync
- Solo Flight
- SolOB
- Sonotine

**Organs**
- DA B3
- Draculox
- Drone Organ
- Full Sentimental
- Hamm Brute
- OrGospel

**Pads**
- Classic Pad
- Crystal X
- Deep Forest
- Glass OB Pad
- Layers Pad
- Low Potable
- Majeste Eight
- Modeled
- Movolution
- Multi Sweep
- OB Strings
- Overstayer Pad 1
- Overstayer Pad 2
- Pad Organ
- Pad Taf
- Padarisiak
- PNL Cloud
- Sine Cave
- Souipe
- String Machine
- Sububble
- Sweep Drone
- Thin Sweep

**Polysynth**
- Aric Hoover
- Bubble Poly
- Fifth Element
- Funk Pole
- Intense City
- Magneto
- Oversynthyer
- Polymer
- Power Stack
- Ranch Sauce
- Rezinator
- Rubipoly
- Steel Stack
- Synth Phase
- Tutti Piccolo

**Vox**
- Formant Keys
- Impressionist
- Poly Vox
- Stackavox
- Vox Y Jand

# 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 ☑

# Ob LEGACY

## Credits and Thanks

**Produced by UVI**

**Recording / Editing / Sound Design**
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**UVI** ™