UVI

UVX80

Soundbank Manual

Software Version 1.0

EN 170701

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Introduction

UVX80

'80s Japanese Maiden Revived

- Inspired by a rare Japanese 8-voice analog synth
- Over 250 patches of vintage analog warmth with modern controls
- Production-ready presets make great starting points for your own creations

INSPIRATION

UVX80 is based on a well known Japanese manufacturer's first analog polyphonic synth, a digitally-controlled 2+1 oscillator, 8-voice, 61-key instrument launched in 1984 with a gorgeous and futuristic-looking visual stance. Technically comparable to the JX-3P, this synth boasted a more robust architecture with 2 extra voices, a sub-oscillator and real pulse-width modulation. Despite its technical advantages and profound sonic capability it would find a similar fate, never managing great commercial success but attracting a cult following that's present even today. While not as difficult to edit as the 3P, this synth shared the lack of explicit controls found on the wildly popular but more basic Juno-106 that launched the same year. A truly progressive design for the time, you'd never know it was analog by looking at it, but there's no mistaking the warm and punchy sound this keyboard produces - it's a legitimate analog beast, and somewhat of a sleeper gem from the era.

Due to the limited production of the original machines very few are left today, with even fewer in working condition. Our UVI Japan office was able to secure a pristine model, making sure it was calibrated to factory specs before passing to our sound design team. Once here in Paris, we pushed it to its limits, designing tones from classic to modern and letting the unique character of this synth shine. Recordings we made using the highest-quality processors and converters available, resulting in a fantastically rich and vivid library to serve as the basis for UVX80. Once loaded into the UVI Engine our sound designers further polished these patches creating the hybrid instrument we proudly present to you today. Now you can explore the distinct and powerful analog sound of this vintage '80s synth with all the conveniences and flexibility of a modern studio instrument.

INSTRUMENT

UVX80 delivers on the original synth and adds a modern refinement, expertly presenting its distinct timbres and ample sound design capabilities from warm basses, shredding leads, atmospheric textures and other-worldly sound effects to crisp bells and charactered strings. Easily browse the preset sounds by type, layer them to create rich evolving textures, or dive in and edit them to create your own sounds.

Inspired by the original hardware, UVX80's UI reflects an '80s futurism aesthetic while providing a clear and easy-to-program instrument with familiar controls. A 2-layer architecture provides 28 sounds for oscillator 1 and 111 sounds on oscillator 2, each with it's own multimode filter, ADSR envelopes, pitch, portamento, stereo section, arpeggiator and modwheel assignments. A versatile LFO and 16-step modulator provide quick control over the amplitude and filter and a final effect section tops it off with high-quality drive, chorus, phaser, delay and reverb.

UVX80 delivers a versatile and electrifying '80s analog sound, exploring the fascinating and profound beginnings of a Japanese powerhouse brand.

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Minimum System Requirements

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

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

Main Page and Globals

UVX80 is outfitted with 2 oscillators; Osc 1 and Osc 2. Oscillator 1 provides 28 preset configurations while Oscillator 2 provides 111. 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.

1 Pages

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

2 Global Volume

3 Global Presets

4 Oscillators

» **OSC Power**
Turn Osc 1 and Osc 2 on/off

» **OSC-1 Sounds [1-28]**
Select the preset sound

» **OSC-2 Sounds**
Select the oscillator sounds, including 28 OSC 1 sounds

» **Volume**
Adjust the selected layer's OSC volume

» **Pan**
Adjust the selected layer's OSC pan

5 Edit Layer

Select Osc 1 or 2; presents discrete Signal, Amp Env, Filter and Filter Env controls

6 Amplitude

» **Amplitude: ADSR**
Adjust the amplitude using a typical Attack, Decay, Sustain, Release envelope

» **Amplitude: Velocity**
Toggle velocity on/off

» **Amplitude: Vel > Atk**
When active, routes Velocity input to Amp Env: Attack

7 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

» **Velocity**
Set the filter's velocity sensitivity

» **Depth**
Set the filter's depth amount

» **ADSR**
Typical ADSR envelope for the Filter

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

3 Portamento

» **Mode**
Toggle between Mono and Poly voicing

» **Depth**
Adjust the Portamento depth

» **Time**
Set the Glide time

4 Modwheel

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

5 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

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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

» **Average**
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 each or both Osc's Volume Amount, Filter Depth

2 LFO

» **Speed**
Change the LFO Speed

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

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

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

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

3 Modulation Targets

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

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Effects Page

1 Drive

» **On/Off**
Turn the effect on/off

» **Amount**
Adjust the drive amount

2 Chorus

» **On/Off**
Turn the effect on/off

» **Speed**
Adjust the chorus modulation speed

» **Depth**
Adjust the chorus modulation depth

3 Phaser

» **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

4 Delay

» **On/Off**
Turn the effect on/off

» **Time**
Adjust the delay time

» **Feedback**
Adjust the delay feedback amount

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

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

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

5 Reverb

» **On/Off**
Turn the effect on/off

» **Size**
Adjust the reverb room size

» **Decay**
Adjust the reverb decay time

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

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

» **Mix**
Adjust the reverb mix amount

Arpeggiators Page

1 Arp On/Off
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

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Preset List

00-Init Mono
00-Init Stereo

Animated:
- Bend Arper
- Crest Factor
- Driver
- Escapade
- Gum Bubbles
- Horde Stack
- Jupiter Moon
- Kartpenter
- Lunar Landing
- Magic Chill
- Malenarp
- Mayhem of Mods
- Melanchronic
- No Justice No PAX
- Oligo Element
- Peloponnese
- Polaroid
- Quick Tangerine
- Short Seq Arp 1
- Short Seq Arp 2
- Solid State
- Speedy Arpzales
- Street 5th
- Think Tank
- Trance Dirt
- Unexpected
- War of Fire
- Welcome to Mars
- Wheel Formation

Bass:
- Analog Power
- AX Seq Bass 1
- AX Seq Bass 2
- AX Seq Bass 3
- Bass in a Box
- Funky Wheel 1
- Funky Wheel 2
- House Garage
- Mono Digital
- Motor Bass
- Obese B
- One Finger Arp
- OSC2 Arrows Bass
- Poly P Bass
- Reso Down
- SaturAX
- Spectral Split 1
- Spectral Split 2
- Wheel Morph

Bells:
- Ambient Ring
- Bell Island in Sea
- Composite Bell
- Dark Vabells
- Dream Bell 1
- Dream Bell 2
- Hybridation
- Irish Mood
- Layer Bells
- Lemonade
- Lifebration
- Magic Mallet
- Mirabelles
- Moving Bells
- Padobella
- PortamentAX
- Resonant
- Simple Analog Bell 1
- Simple Analog Bell 2
- Singing Birds
- Tremblay In F
- Very High
- Vintage Synth Bells
- X Bubells

Brass:
- Brassarping
- Creative Brass
- Denstack Dome
- Funky Brassyn
- MajesticAX
- OSC2 Arrows Brass 1
- OSC2 Arrows Brass 2
- Phase AX Brass
- Portabrassoft
- Power BrAX
- Short Brass 1
- Short Brass 2
- Synth BrAX
- Tangelis
- Wave Brass

Internal Presets:
- 01 MG AX Bass
- 02 Electric Bass
- 03 Bad AX Bass
- 04 Organ Bellish
- 05 Digital Bells
- 06 Funky Brass
- 07 OB AX
- 08 AXcoustic Piano
- 09 AXpsichord
- 10 Little Solo
- 11 Solo Square
- 12 AXrmonica
- 13 Axmond Organ
- 14 Gospel Organ
- 15 Ominous Pad
- 16 Warm pAXd
- 17 Solid Poly
- 18 Synth Poly
- 19 FX Pad
- 20 Crazy LFO
- 21 Waveform Saw
- 22 Waveform Sub
- 23 Waveform Square
- 24 Waveform Pulse PW1
- 25 Waveform Pulse PW2
- 26 Waveform Pulse PW3
- 27 Waveform WaveMix PW0
- 28 Waveform WaveMix PW3

Keyboards:
- 1984 Point 5
- AX Piano Toy
- Cheezy APiano 1
- Cheezy APiano 2
- Composite Keys
- Dyno My Sweep 1
- Dyno My Sweep 2
- Eighties Keys 1
- Eighties Keys 2
- Horn Keys
- Horror Piano
- Hybrid AXe
- Jack Uarium
- Keysweep Land
- Pluck Piano
- Soft A Close
- Space Harpsy
- Synth Clav AX 1
- Synth Clav AX 2
- That Digital One
- Tines Analogic
- Vintage Stackeys

Leads:
- Chico Real
- Five Funk
- Funky Bellead
- Layer Lead 1
- Layer Lead 2
- Lead Fix AX
- Mediavalead
- Morphowheel
- Mucho FX Solo
- New Age Fusion
- Peruvian Synth
- Power Lead 1
- Power Lead 2
- Sim Usical
- Solo Brassy 1
- Solo Brassy 2
- Sub Sync
- Sync Turon
- Thin Line
- Ultra Slow Lead

Miscellaneous:
- Analog Orchestra
- Caroussharp
- Cat Misen
- Hybrid Orchestra
- Inversion
- ISOteric
- Koto Club
- La Cour du Roi
- Little Harmonium
- Marcatanalog
- Pig in Da Space
- Rumble Oboe
- Sezame Space
- Space Steel Drums
- Violin Flavor

Organs:
- B3 Full Mood
- Frantic Church
- Jazz Chill
- Large Church
- Reddish Organ

Pads:
- Beaty AX Arp
- Darkman
- Expressive Mod
- FantAXia
- FX Pad AX 1
- FX Pad AX 2
- GalAXie
- Glass Wheel
- Hollow App
- La Porte
- Motion Slow
- Pad Problem
- Phase Maitre
- Portatak
- Sean Michael Jarre
- Similotron
- Slow Rising
- Solo Mod Pad
- Sparkling Water
- Split Folio
- Star Dancing
- Two Parts
- Ultra Wet
- Voix Douces
- XFX Drone
- Zebra Trois

Polysynth:
- Deepoly
- Fantasian
- Funky Poly
- Gentle Brassy
- Hard Pluck
- Harpy Lauper
- Make My Riff 1
- Make My Riff 2
- Mallet Flute
- Mosquithoover
- Neptunian
- Over Bend
- Poc Corn
- Poly Gras
- Poly Poly 1
- Rainbow
- Slow Poly
- Soft Pluck
- Square Stab
- Stack Attack
- Transgender
- Trooper

Stepped:
- Cloud Stepping
- Drops on Wheel
- Fifth Dark
- Gate Down On it
- Heat Beat Box
- Last Step
- No Stress
- Noise Like
- Running Spectre
- Simple One
- Simple Two
- Solo To Step
- Step Amoi
- Steplina
- Transportation

Sweeps:
- AX Sweep 1
- AX Sweep 2
- Breath Coridor
- Dark Sweep
- Fall Down
- LFO Filter In
- Mix Sweep
- Poet Last Sweep
- Rising Strings
- Wheel Sweep

Links

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Home	uvi.net/
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UVX80

Credits and Thanks

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