ATOMIC LABS

INSTRUMENT

ZENITH

Wavetable synthesizer

INSTRUMENT · VST3 · WINDOWS 64-BIT · 300 PRESETS · V1.0



USER MANUAL

VERSION 1.0 · 2026

01 About Zenith

Zenith is a wavetable synthesizer with three wavetable oscillators (each with warp modes, unison and stereo width), a sub and a noise oscillator, two filters with flexible routing, four envelopes, four LFOs and a 16-slot modulation matrix.

An arpeggiator and an 8-slot effects rack finish the sound. Every factory preset maps the four macros the same way: 1 Tone, 2 Morph, 3 Warp, 4 Space / Motion.

TYPE	FORMAT	SIGNAL	LATENCY
Instrument	VST3 · Win x64	MIDI in → stereo out	none

FACTORY PRESETS	CONTROLS	WINDOW	VERSION
300 + Init	272 automatable	Resizable	1.0

02 Quick start

1. Pick a preset and move the four Macros.
2. Move WT Position on an oscillator to scan the wavetable.
3. Choose a Warp mode and raise Warp Amount for new timbres.
4. Use the modulation matrix to connect any LFO or envelope to any control.

INSTALLATION

Install

Copy the folder `Zenith.vst3` into `C:\Program Files\Common Files\VST3\`, then restart your DAW or rescan plug-ins. It appears under the manufacturer **Atomic Labs**.

This manual

A copy of this PDF lives inside the plug-in folder, next to `Contents`. Your DAW ignores it; it is there so the manual always travels with the plug-in.

03 The interface



Oscillators A-C

Wavetable, WT Position, Warp mode and amount, Octave / Semitone / Fine, Unison with Detune and Blend, Stereo Width, Level, Pan, Phase and Route (to filter 1, 2 or both).

Sub and Noise

Sub shape, octave, level, pan and route. Noise type, colour, level, pan and route.

Filters 1 and 2

Type, Cutoff, Resonance, Drive, Fat / Spread, Key Track, Env 2 amount and Mix. Filter Routing sets serial or parallel.

Envelopes and LFOs

Four envelopes (attack, hold, decay, sustain, release, curve). Four LFOs (shape, rate, sync, division, mode, phase, rise, smooth).

Modulation matrix

16 slots: source, via (a second source that scales it), destination and amount. Four Macros.

Voice and Arp

Voice Mode, Voices, Glide, Bend Range, Velocity, Analog Drift, Stereo Width and Master. Arpeggiator with mode, octaves, rate, gate, swing, pattern, latch and accent.

Effects

Eight FX slots, each with a type, four parameters and mix.

04 Presets

Zenith comes with **300** factory presets, plus an **Init** program to start from scratch. Every preset was designed for this plug-in and level-matched, so you can browse without jumps in volume.

A FEW TO TRY

- Bunker Wave
- Sub Vision
- Iron Vision
- Magma Flux
- Torque Mode
- Hostile Core
- Titan Layer
- Titan Flux
- Solar Flux
- Blade Unit
- Vector Flux
- Neon Line
- Pebble Pulse
- Tiny Unit
- Crystal Field
- Tine Core
- Lunar Code
- Satin Form
- Lunar Core
- Aurora Pulse
- Nebula Vision
- Warm Zone
- Glacier State
- Ghost Signal
- Void Field
- Aether Vision
- Distant Form
- Ladder Wave
- Kinetic Core
- Sprint Flux
- Classic System
- Prime Flux
- Bold Form
- Prime Line
- Static System
- Glitch Theory

05 Tips

Growl bass: Warp on osc A, LFO 1 to WT Position in sync, filter drive.

Pads: slow LFOs on WT Position of two oscillators with different rates.

06 Atomic Labs essentials

These work the same way in every Atomic Labs plug-in.

Preset browser

Use the arrows next to the preset name to step through the presets, or click the name to open the menu sorted by category. The current category is shown above the name.

SAVE: your presets and banks

SAVE stores the complete state as your own preset (.atp) in Documents\Atomic Labs\Zenith\Presets. From the same menu you can delete presets and export or import a whole bank (.atb) to share or back up. Your presets appear at the end of the preset menu.

DICE

DICE rolls a brand-new patch: it starts from a factory design and changes the main settings at random. Not happy? Roll again, or step back to a preset.

SIZE and resizing

Drag the bottom-right corner to resize the window, or pick a fixed zoom from SIZE. The size is remembered with the project.

Automation

Every control can be automated and is listed with its full name in your DAW. Changes are smoothed, so automation never clicks.

Project recall

The whole state (including drawn waves, patterns, steps and window size where available) is saved with your project.

STABILITY

Every Atomic Labs plug-in is tested at sample rates from 44.1 to 192 kHz and at block sizes from 1 to 8192 samples, before and after the host prepares it, and with every factory preset. The audio code never allocates memory while playing, and signals are protected against invalid values, so it stays quiet and stable in long sessions.

07 Control reference

Every automatable control as your DAW lists it, with its range and default value. Where a set of controls repeats (for example several identical layers, bands or slots), it is shown once.

General

CONTROL	RANGE / OPTIONS	DEFAULT
Filter Routing	Serial · Parallel	Serial
Voice Mode	Poly · Mono · Legato	Poly
Voices	1 to 16	12
Glide	Off to 3005 ms	Off
Glide Legato Only	Off · On	Off
Bend Range	+0 st to +24 st	+2 st
Velocity Sens	0 % to 100 %	50 %
Analog Drift	0 % to 100 %	10 %
Master	-48.0 dB to +12.0 dB	-6.0 dB
Stereo Width	0 % to 200 %	100 %

Sub

CONTROL	RANGE / OPTIONS	DEFAULT
Sub On	Off · On	Off
Sub Shape	Sine · Triangle · Saw · Square · Pulse 25	Sine
Sub Octave	-1 oct · -2 oct · 0 oct	-1 oct
Sub Level	0 % to 100 %	60 %
Sub Pan	L100 to R100	C
Sub Route	Filter 1 · Filter 2 · Both · Dry	Dry

Noise

CONTROL	RANGE / OPTIONS	DEFAULT
Noise On	Off · On	Off
Noise Type	White · Pink · Brown · Crackle · Digital · Metal	White
Noise Colour	0 % to 100 %	50 %
Noise Level	0 % to 100 %	30 %
Noise Pan	L100 to R100	C
Noise Route	Filter 1 · Filter 2 · Both · Dry	Filter 1

Macro

CONTROL	RANGE / OPTIONS	DEFAULT
Macro 1	0 % to 100 %	0 %
Macro 2	0 % to 100 %	0 %
Macro 3	0 % to 100 %	0 %
Macro 4	0 % to 100 %	0 %

Arp

CONTROL	RANGE / OPTIONS	DEFAULT
Arp On	Off · On	Off
Arp Mode	Up · Down · Up-down · Down-up · Random · As played · Chord · Converge	Up
Arp Octaves	1 to 4	1
Arp Rate	1/32 · 1/16T · 1/16 · 1/16. · 1/8T · 1/8 · 1/8. · 1/4T · 1/4 · 1/4. · 1/2 · 1 bar · 2 bars · 4 bars	1/16
Arp Gate	5 % to 100 %	60 %
Arp Swing	0 % to 60 %	0 %
Arp Pattern	Straight · Offbeat · Gallop · Trance 1 · Trance 2 · Broken · Syncopa · Triplet feel · Accent 3 · Stutter · Sparse · Rolling	Straight
Arp Latch	Off · On	Off
Arp Accent	0 % to 100 %	50 %

Osc A–C

3 identical sets - Osc A shown

CONTROL	RANGE / OPTIONS	DEFAULT
On	Off · On	On
Wavetable	Saw · Square · Triangle · Sine · Analog morph · Pulse width · Harmonic sweep · Formant · Organ · Spectral comb · Hollow · Metallic *+ 4 more*	Saw
WT Position	1 to 256	1
Warp	---- · Sync · Bend + · Bend - · Bend +/- · PWM · Asym · Mirror · Flip · Quantize · Wavefold · FM < + *3 more*	----
Warp Amount	0 % to 100 %	0 %

Octave	-4 oct to +4 oct	+0 oct
Semitone	-12 st to +12 st	+0 st
Fine	-100 ct to +100 ct	+0 ct
Unison	1 to 16	1
Detune	0 % to 100 %	25 %
Blend	0 % to 100 %	75 %
Stereo Width	0 % to 100 %	80 %
Level	0 % to 100 %	75 %
Pan	L100 to R100	C
Phase	0 % to 100 %	0 %
Phase Random	0 % to 100 %	100 %
Route	Filter 1 · Filter 2 · Both · Dry	Filter 1

Filter 1 & 2

2 identical sets - Filter 1 shown

CONTROL	RANGE / OPTIONS	DEFAULT
On	Off · On	On
Type	LP 6 · LP 12 · LP 24 · HP 6 · HP 12 · HP 24 · BP 12 · BP 24 · Peak 12 · Notch 12 · Acid LP 24 · Vintage LP 24 *+ 6 more*	LP 24
Cutoff	20 Hz to 20.0 kHz	7.1 kHz
Resonance	0 % to 100 %	15 %
Drive	0 % to 100 %	0 %
Fat / Spread	0 % to 100 %	50 %
Key Track	0 % to 100 %	30 %
Env 2 Amount	-100 % to +100 %	+0 %
Mix	0 % to 100 %	100 %

Env 1–4

4 identical sets - Env 1 shown

CONTROL	RANGE / OPTIONS	DEFAULT
Attack	1 ms to 12.00 s	3 ms
Hold	0 ms to 4.00 s	0 ms
Decay	5 ms to 12.00 s	1.00 s
Sustain	0 % to 100 %	100 %
Release	5 ms to 16.00 s	250 ms
Curve	-100 % to +100 %	+0 %

LFO 1–4

4 identical sets - LFO 1 shown

CONTROL	RANGE / OPTIONS	DEFAULT
Shape	Sine · Triangle · Saw up · Saw down · Square · Pulse · Stairs up · Stairs down · Exp decay · Exp rise · Random steps · Smooth random	Sine
Rate	0.02 Hz to 30.0 Hz	0.54 Hz
Tempo Sync	Off · On	Off
Division	1/32 · 1/16T · 1/16 · 1/16. · 1/8T · 1/8 · 1/8. · 1/4T · 1/4 · 1/4. · 1/2 · 1 bar · 2 bars · 4 bars	1/4
Mode	Free · Retrig · Envelope	Free
Phase	0 % to 100 %	0 %
Rise	0 ms to 8.00 s	0 ms
Smooth	0 % to 100 %	0 %

Mod 1–16

16 identical sets - Mod 1 shown

CONTROL	RANGE / OPTIONS	DEFAULT
Source	---- · Env 1 · Env 2 · Env 3 · Env 4 · LFO 1 · LFO 2 · LFO 3 · LFO 4 · Velocity · Note · Mod wheel *+ 9 more*	----
Via	---- · Env 1 · Env 2 · Env 3 · Env 4 · LFO 1 · LFO 2 · LFO 3 · LFO 4 · Velocity · Note · Mod wheel *+ 9 more*	----
Destination	---- · Master pitch · A pitch · B pitch · C pitch · A wt pos · B wt pos · C wt pos · A warp · B warp · C warp · A level *+ 29 more*	----
Amount	-100 % to +100 %	+0 %

FX 1–8

8 identical sets - FX 1 shown

CONTROL	RANGE / OPTIONS	DEFAULT
Type	---- · Equalizer · Reverb · Chamber · Delay · Chorus · Phaser · Flanger · Distortion · Bitcrusher · Compressor · Trance gate *+ 9 more*	----
Param 1	0 % to 100 %	50 %
Param 2	0 % to 100 %	50 %
Param 3	0 % to 100 %	50 %
Param 4	0 % to 100 %	50 %
Mix	0 % to 100 %	30 %



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Atomic Labs makes original instruments and effects with futuristic, animated interfaces, deep sound design and hundreds of presets in every plug-in.

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