ATOMIC LABS

INSTRUMENT

E-VO JUNGLE

Organic and psychedelic nature synthesizer

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



USER MANUAL

VERSION 1.0 · 2026

01 About E-VO Jungle

E-VO Jungle is a synthesizer for living, organic sounds. Each voice combines an analog-style oscillator, an organic wavetable oscillator, a Breath Pipe (a modelled flute that can emphasise overtones) and coloured noise.

FM, ring modulation, a multimode filter with a vowel formant mode, a pitch envelope and 'Life' (a slow random drift) keep every note moving. An arpeggiator with a random-walk 'Mycelium' mode and an effects chain (distortion, chorus, ping-pong delay, reverb) complete it.

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

FACTORY PRESETS	CONTROLS	WINDOW	VERSION
300 + Init	84 automatable	Resizable	1.0

02 Quick start

1. Pick a preset and hold a chord: most patches evolve by themselves.
2. Raise Life for more organic drift, lower it for a steady tone.
3. Turn up Breath Pipe for flute-like overtones.
4. Switch the arpeggiator on and choose Mycelium for wandering melodies.

INSTALLATION

Install

Copy the folder `EVO-Jungle.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



Sources

Osc A (sine, triangle, saw, square) with octave and level. Osc B plays organic wavetables (Breath, Reed, Wood, Vocal, Bell, Bubble, Insect, Root) with a Table Position, octave, semitone, fine and level. FM B > A and Ring Mod combine them. Breath Pipe adds a modelled flute with Pipe Breath, Tone, Overtones and Air. Noise has Colour and Focus.

Filter

Filter Mode (low-pass, band-pass, high-pass, formant), Cutoff, Resonance, envelope amount, key tracking and Vowel for the formant mode.

Envelopes

Amp and Mod envelopes (attack, decay, sustain, release) and a Pitch Envelope for chirps and drops.

Life, LFOs and matrix

Life adds slow random movement. Two LFOs (shape, rate, sync) and an 8-slot modulation matrix route any source to any destination.

Play

Voice Mode, Glide, Bend Range, Velocity Sensitivity and the arpeggiator (mode including Mycelium, octaves, rate, gate).

Effects

Distortion, Chorus, ping-pong Delay (mix, feedback, time), Reverb (mix, size, damp), Width and Master.

04 Presets

E-VO Jungle 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

- Overtone Flute
- Bamboo Whistle
- Pan Pipes Of Vines Forest
- Shakuhachi Spirit Psy
- Humid Air
- Rain Forest Fog Deep
- Jungle Breathing Wide
- Humid Air Dark
- Parrot Glyphs
- Tribal Bird Alive
- Canopy Caller Wide
- Parrot Glyphs Dark
- Liquid Roots Deep
- Drip Cave Alive
- Mercury Seeds Wide
- Insect Frequencies
- Swarm Logic Deep
- Beetle Engine Alive
- Insect Frequencies Dark
- Fungal Code
- Hyphae Pulse Deep
- Mycelium Network Wide
- Fungal Code Dark
- Valley Whistle
- Bamboo Wind Alive
- Monsoon Gust Wide
- Valley Whistle Dark
- Ancient Whale Deep
- Leviathan Call Alive
- Abyss Echo Wide
- Shamanic Owl
- Spirit Hoot Lead Deep
- Owl Into Machine Alive
- Shamanic Owl Dark
- Breathing Cell
- Frequency Shaman Deep

05 Tips

Harmonic flute: Breath Pipe up, Overtones high, short pitch envelope.

Jungle ambience: noise with high Focus through the formant filter and a big reverb.

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\E-VO Jungle\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.

EVOLVE

EVOLVE creates a new random patch from the factory designs.

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
Wavetable	Breath · Reed · Wood · Vocal · Bell · Bubble · Insect · Root	Breath
Table Position	0 % to 100 %	30 %
FM B > A	0 % to 100 %	25 %
Ring Mod	0 % to 100 %	0 %
Breath Pipe	0 % to 100 %	0 %
Filter Mode	Low Pass · Band Pass · High Pass · Formant	Low Pass
Cutoff	20 Hz to 20.00 kHz	1.78 kHz
Resonance	0 % to 100 %	20 %
Filter Env	-100 % to +100 %	+20 %
Key Track	0 % to 100 %	40 %
Vowel	A to U	I
Pitch Env	-24.0 st to +24.0 st	0.0 st
Life	0 % to 100 %	20 %
Voice Mode	Poly · Mono · Legato	Poly
Glide	Off to 3005 ms	Off
Bend Range	0 to 24	2
Distortion	0 % to 100 %	0 %
Chorus	0 % to 100 %	0 %
Width	0 % to 100 %	70 %
Velocity Sens	0 % to 100 %	50 %
Master	-48.0 dB to +24.0 dB	-3.1 dB

Osc

CONTROL	RANGE / OPTIONS	DEFAULT
Osc A Wave	Sine · Triangle · Saw · Square	Sine
Osc A Octave	-2 to 2	0
Osc A Level	0 % to 100 %	70 %

Osc

CONTROL	RANGE / OPTIONS	DEFAULT
Osc B Octave	-2 to 3	0
Osc B Semitone	-12 to 12	0
Osc B Fine	-100.0 ct to +100.0 ct	0.0 ct
Osc B Level	0 % to 100 %	50 %

Pipe

CONTROL	RANGE / OPTIONS	DEFAULT
Pipe Breath	0 % to 100 %	70 %
Pipe Tone	0 % to 100 %	50 %
Pipe Overtones	0 % to 100 %	0 %
Pipe Air	0 % to 100 %	50 %

Noise

CONTROL	RANGE / OPTIONS	DEFAULT
Noise	0 % to 100 %	0 %
Noise Colour	0 % to 100 %	50 %
Noise Focus	0 % to 100 %	20 %

Amp

CONTROL	RANGE / OPTIONS	DEFAULT
Amp Env Attack	1 ms to 10.00 s	10 ms
Amp Env Decay	5 ms to 10.00 s	300 ms
Amp Env Sustain	0 % to 100 %	80 %
Amp Env Release	5 ms to 10.00 s	400 ms

Mod

CONTROL	RANGE / OPTIONS	DEFAULT
Mod Env Attack	1 ms to 10.00 s	5 ms
Mod Env Decay	5 ms to 10.00 s	400 ms
Mod Env Sustain	0 % to 100 %	0 %
Mod Env Release	5 ms to 10.00 s	400 ms

Arp

CONTROL	RANGE / OPTIONS	DEFAULT
Arp On	Off · On	Off
Arp Mode	Up · Down · Up/Down · Random · Mycelium	Up
Arp Octaves	1 to 4	1
Arp Rate	1/32 · 1/16T · 1/16 · 1/8T · 1/16D · 1/8 · 1/4T · 1/8D · 1/4 · 1/2 · 1 bar · 2 bars	1/16
Arp Gate	5 % to 100 %	60 %

Delay

CONTROL	RANGE / OPTIONS	DEFAULT
Delay Mix	0 % to 100 %	0 %
Delay Feedback	0 % to 95 %	40 %
Delay Time	1/32 · 1/16T · 1/16 · 1/8T · 1/16D · 1/8 · 1/4T · 1/8D · 1/4 · 1/2 · 1 bar · 2 bars	1/8D

Reverb

CONTROL	RANGE / OPTIONS	DEFAULT
Reverb Mix	0 % to 100 %	25 %
Reverb Size	0 % to 100 %	75 %
Reverb Damp	0 % to 100 %	40 %

LFO 1 & 2

2 identical sets - LFO 1 shown

CONTROL	RANGE / OPTIONS	DEFAULT
Shape	Sine · Triangle · Saw · Square · Sample & Hold · Drift	Sine
Rate	0.01 Hz to 20.00 Hz	0.10 Hz
Sync	Off · On	Off

Mod 1–8

8 identical sets - Mod 1 shown

CONTROL	RANGE / OPTIONS	DEFAULT
Source	- · LFO 1 · LFO 2 · Mod Env · Life (random) · Velocity · Mod Wheel · Aftertouch · Key Track	-
Destination	- · Pitch · Table Position · FM Amount · Cutoff · Resonance · Ring Mod · Noise · Pipe Level · Pan · Amp · Formant · Osc B Pitch	-
Amount	-100 % to +100 %	0 %



ATOMIC LABS

E-VO Jungle · Organic and psychedelic nature synthesizer

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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