ATOMIC LABS

EFFECT

MORPHOSIS

12-module curve-driven shaper

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



USER MANUAL

VERSION 1.0 · 2026

01 About Morphosis

Morphosis has twelve shaper modules: Time, Pitch, Shift, Filter, Drive, Crush, Noise, Volume, Pan, Width, Delay and Reverb. Each one is driven by a curve that you draw and that loops at its own rate, in sync with the song or free.

Every module holds two curves, A and B, and the global MORPH control blends between them. A module can work on the whole signal or on one of three bands, and the curves can restart on transients or MIDI notes.

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

FACTORY PRESETS	CONTROLS	WINDOW	VERSION
300 + Init	117 automatable	Resizable	1.0

02 Quick start

1. Insert Morphosis and switch on a module (for example Volume for sidechain-style pumping).
2. Draw the curve in the editor; set the module's Rate.
3. Draw a different curve B and move MORPH to blend between them.
4. Choose a Band to shape only the lows, mids or highs.

INSTALLATION

Install

Copy the folder `Morphosis.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



Each module

On, Band (Full, Low, Mid, High), Rate (1/32 to 8 bars or Free Hz), Free Rate, Depth, two module controls (for example Filter Type and Resonance, Drive Character and Tone, Delay time, Reverb size), Mix or a module setting, Phase Offset and Stereo Phase.

Global

Morph (A to B), Trigger (Sync, Free, Audio, MIDI), Trigger Sensitivity, React, Low/Mid Split and Mid/High Split, Mix, Output and Bypass.

04 Presets

Morphosis 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

- Classic Pump
- Dotted Pump
- Tremolo 16ths
- Bounce Pump
- Gate 8ths
- Ghost Gate
- Euclid 9/16
- LP Wah 8ths
- BP Talk
- Wobble Ladder
- Free LFO Filter 0.3 Hz
- Circle Pan
- Pan Gate
- Minor Arp
- Octaver Blend
- Shift Wobble 8ths
- Detuned Space
- Warp Beat 4
- Wobbly Highs
- Crush Gate 8ths
- Fuzz Tremolo
- Hat Noise 8ths
- Noise Gate Texture
- Echo Gate 16ths
- Stutter Echo
- Cathedral Breath
- MB Bass Pump + Wide Top
- MB Crushed Top
- MB Noise Highs
- Hit Stereo Burst
- Hit Shift Zap
- Dry to Cosmos
- Day to Night
- Sampler 12-Bit
- Broken Speaker
- Robot Funk

05 Tips

Pump only the low end: Volume module on the Low band.

Use Audio trigger on a drum loop so the curves restart on every hit.

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\Morphosis\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.

GEN / INSPIRE / MUTATE / SURPRISE

GEN / INSPIRE / MUTATE / SURPRISE GEN writes a new curve, INSPIRE and SURPRISE create new settings, MUTATE changes the current ones a little.

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
Morph	0 % to 100 %	0 %
Trigger	Sync · Free · Audio · MIDI	Sync
Trigger Sensitivity	0 % to 100 %	50 %
React	-100 % to 100 %	0 %
Low/Mid Split	40 to 1000	200
Mid/High Split	1000 to 12000	2500
Mix	0 % to 100 %	100 %
Output	-24.0 dB to +12.0 dB	0.0 dB
Bypass	Off · On	Off

Time

CONTROL	RANGE / OPTIONS	DEFAULT
Time On	Off · On	Off
Time Band	Full · Low · Mid · High	Full
Time Rate	1/32 · 1/16 T · 1/16 · 1/8 T · 1/8 · 1/8 D · 1/4 T · 1/4 · 1/4 D · 1/2 · 1 bar · 2 bars *+ 3 more*	1 bar
Time Free Rate	0.02 Hz to 20.0 Hz	1.0 Hz
Time Depth	0 % to 100 %	100 %
Time Max Time	0 % to 100 %	30 %
Time Mix	0 % to 100 %	100 %
Time Phase Offset	0 % to 100 %	0 %
Time Stereo Phase	0 % to 50 %	0 %

Pitch

CONTROL	RANGE / OPTIONS	DEFAULT
Pitch On	Off · On	Off
Pitch Band	Full · Low · Mid · High	Full
Pitch Rate	1/32 · 1/16 T · 1/16 · 1/8 T · 1/8 · 1/8 D · 1/4 T · 1/4 · 1/4 D · 1/2 · 1 bar · 2 bars *+ 3 more*	1 bar
Pitch Free Rate	0.02 Hz to 20.0 Hz	1.0 Hz
Pitch Depth	0 % to 100 %	100 %
Pitch Range	0 % to 100 %	50 %
Pitch Mix	0 % to 100 %	100 %
Pitch Phase Offset	0 % to 100 %	0 %
Pitch Stereo Phase	0 % to 50 %	0 %

Shift

CONTROL	RANGE / OPTIONS	DEFAULT
Shift On	Off · On	Off
Shift Band	Full · Low · Mid · High	Full
Shift Rate	1/32 · 1/16 T · 1/16 · 1/8 T · 1/8 · 1/8 D · 1/4 T · 1/4 · 1/4 D · 1/2 · 1 bar · 2 bars *+ 3 more*	1 bar
Shift Free Rate	0.02 Hz to 20.0 Hz	1.0 Hz
Shift Depth	0 % to 100 %	100 %
Shift Range	0 % to 100 %	30 %
Shift Mix	0 % to 100 %	100 %
Shift Phase Offset	0 % to 100 %	0 %
Shift Stereo Phase	0 % to 50 %	0 %

Filter

CONTROL	RANGE / OPTIONS	DEFAULT
Filter On	Off · On	Off
Filter Band	Full · Low · Mid · High	Full
Filter Rate	1/32 · 1/16 T · 1/16 · 1/8 T · 1/8 · 1/8 D · 1/4 T · 1/4 · 1/4 D · 1/2 · 1 bar · 2 bars *+ 3 more*	1 bar
Filter Free Rate	0.02 Hz to 20.0 Hz	1.0 Hz
Filter Depth	0 % to 100 %	100 %
Filter Type	0 % to 100 %	0 %
Filter Resonance	0 % to 100 %	30 %
Filter Phase Offset	0 % to 100 %	0 %
Filter Stereo Phase	0 % to 50 %	0 %

Noise

CONTROL	RANGE / OPTIONS	DEFAULT
Noise On	Off · On	Off
Noise Band	Full · Low · Mid · High	Full
Noise Rate	1/32 · 1/16 T · 1/16 · 1/8 T · 1/8 · 1/8 D · 1/4 T · 1/4 · 1/4 D · 1/2 · 1 bar · 2 bars *+ 3 more*	1 bar
Noise Free Rate	0.02 Hz to 20.0 Hz	1.0 Hz
Noise Depth	0 % to 100 %	100 %
Noise Color	0 % to 100 %	30 %
Noise Follow	0 % to 100 %	50 %
Noise Phase Offset	0 % to 100 %	0 %
Noise Stereo Phase	0 % to 50 %	0 %

Drive

CONTROL	RANGE / OPTIONS	DEFAULT
Drive On	Off · On	Off
Drive Band	Full · Low · Mid · High	Full
Drive Rate	1/32 · 1/16 T · 1/16 · 1/8 T · 1/8 · 1/8 D · 1/4 T · 1/4 · 1/4 D · 1/2 · 1 bar · 2 bars *+ 3 more*	1 bar
Drive Free Rate	0.02 Hz to 20.0 Hz	1.0 Hz
Drive Depth	0 % to 100 %	100 %
Drive Character	0 % to 100 %	30 %
Drive Tone	0 % to 100 %	70 %
Drive Phase Offset	0 % to 100 %	0 %
Drive Stereo Phase	0 % to 50 %	0 %

Volume

CONTROL	RANGE / OPTIONS	DEFAULT
Volume On	Off · On	Off
Volume Band	Full · Low · Mid · High	Full
Volume Rate	1/32 · 1/16 T · 1/16 · 1/8 T · 1/8 · 1/8 D · 1/4 T · 1/4 · 1/4 D · 1/2 · 1 bar · 2 bars *+ 3 more*	1 bar
Volume Free Rate	0.02 Hz to 20.0 Hz	1.0 Hz
Volume Depth	0 % to 100 %	100 %
Volume Smooth	0 % to 100 %	10 %
Volume Param 2	0 % to 100 %	0 %
Volume Phase Offset	0 % to 100 %	0 %
Volume Stereo Phase	0 % to 50 %	0 %

Crush

CONTROL	RANGE / OPTIONS	DEFAULT
Crush On	Off · On	Off
Crush Band	Full · Low · Mid · High	Full
Crush Rate	1/32 · 1/16 T · 1/16 · 1/8 T · 1/8 · 1/8 D · 1/4 T · 1/4 · 1/4 D · 1/2 · 1 bar · 2 bars *+ 3 more*	1 bar
Crush Free Rate	0.02 Hz to 20.0 Hz	1.0 Hz
Crush Depth	0 % to 100 %	100 %
Crush Downsample	0 % to 100 %	30 %
Crush Mix	0 % to 100 %	100 %
Crush Phase Offset	0 % to 100 %	0 %
Crush Stereo Phase	0 % to 50 %	0 %

Pan

CONTROL	RANGE / OPTIONS	DEFAULT
Pan On	Off · On	Off
Pan Band	Full · Low · Mid · High	Full
Pan Rate	1/32 · 1/16 T · 1/16 · 1/8 T · 1/8 · 1/8 D · 1/4 T · 1/4 · 1/4 D · 1/2 · 1 bar · 2 bars *+ 3 more*	1 bar
Pan Free Rate	0.02 Hz to 20.0 Hz	1.0 Hz
Pan Depth	0 % to 100 %	100 %
Pan Param 1	0 % to 100 %	0 %
Pan Param 2	0 % to 100 %	0 %
Pan Phase Offset	0 % to 100 %	0 %
Pan Stereo Phase	0 % to 50 %	0 %

Width

CONTROL	RANGE / OPTIONS	DEFAULT
Width On	Off · On	Off
Width Band	Full · Low · Mid · High	Full
Width Rate	1/32 · 1/16 T · 1/16 · 1/8 T · 1/8 · 1/8 D · 1/4 T · 1/4 · 1/4 D · 1/2 · 1 bar · 2 bars *+ 3 more*	1 bar
Width Free Rate	0.02 Hz to 20.0 Hz	1.0 Hz
Width Depth	0 % to 100 %	100 %
Width Param 1	0 % to 100 %	0 %
Width Param 2	0 % to 100 %	0 %
Width Phase Offset	0 % to 100 %	0 %
Width Stereo Phase	0 % to 50 %	0 %

Delay

CONTROL	RANGE / OPTIONS	DEFAULT
Delay On	Off · On	Off
Delay Band	Full · Low · Mid · High	Full
Delay Rate	1/32 · 1/16 T · 1/16 · 1/8 T · 1/8 · 1/8 D · 1/4 T · 1/4 · 1/4 D · 1/2 · 1 bar · 2 bars *+ 3 more*	1 bar
Delay Free Rate	0.02 Hz to 20.0 Hz	1.0 Hz
Delay Depth	0 % to 100 %	100 %
Delay Time	0 % to 100 %	40 %
Delay Feedback	0 % to 100 %	40 %
Delay Phase Offset	0 % to 100 %	0 %
Delay Stereo Phase	0 % to 50 %	0 %

Reverb

CONTROL	RANGE / OPTIONS	DEFAULT
Reverb On	Off · On	Off
Reverb Band	Full · Low · Mid · High	Full
Reverb Rate	1/32 · 1/16 T · 1/16 · 1/8 T · 1/8 · 1/8 D · 1/4 T · 1/4 · 1/4 D · 1/2 · 1 bar · 2 bars *+ 3 more*	1 bar
Reverb Free Rate	0.02 Hz to 20.0 Hz	1.0 Hz
Reverb Depth	0 % to 100 %	100 %
Reverb Size	0 % to 100 %	50 %
Reverb Damping	0 % to 100 %	40 %
Reverb Phase Offset	0 % to 100 %	0 %
Reverb Stereo Phase	0 % to 50 %	0 %



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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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