ATOMIC LABS

EFFECT

TETRA

Four-band distortion

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



USER MANUAL

VERSION 1.0 · 2026

01 About Tetra

Tetra splits the sound into four bands and distorts each one separately, so you can crush the mids while keeping the bass clean, or add bite only to the highs.

Each band has drive, five shapes (Soft, Tube, Hard, Fold, Fuzz), asymmetry and level. The bands sum back flat when nothing is driven, and the shapers can run oversampled for clean highs.

TYPE	FORMAT	SIGNAL	LATENCY
Effect	VST3 · Win x64	Stereo in → stereo out	16 samples with oversampling

FACTORY PRESETS	CONTROLS	WINDOW	VERSION
300 + Init	33 automatable	Resizable	1.0

02 Quick start

1. Insert Tetra on a guitar, bass, drums or synth.
2. Set the three crossovers, then raise Drive on the band you want to distort.
3. Pick a Shape per band.
4. Turn on Auto Gain to compare at equal loudness.

INSTALLATION

Install

Copy the folder `Tetra.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



Bands (Low, Low Mid, High Mid, High)

Drive, Level, Shape (Soft, Tube, Hard, Fold, Fuzz), Asymmetry, Solo and Mute.

Crossovers

Crossover Low, Mid and High.

Global

Input, Output, Mix, Oversampling (Off, 2x, 4x), Auto Gain and Bypass. With oversampling on, latency is a fixed 16 samples.

04 Presets

Tetra 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

- Four-Way Crunch
- Lo-Mid Honk
- Soft Warm
- Tube Thick
- Hard Hot
- Fuzz Warm
- Soft Scorch
- Tube Annihilate
- Fold Drive
- Fuzz Scorch
- Bass Bite 1
- Bass Growl 3
- Reese Fuzz 4
- Bass Bite 5
- Kick Punch 2
- Room Crush 3
- Parallel Drums 4
- Crunch Amp 1
- Glass Drive 2
- Lead Fuzz 4
- Vocal Air 1
- Radio Voice 2
- Vocal Presence 4
- Megaphone 5
- Pluck Bite 2
- Lead Fold 4
- Acid Burn 5
- Tape Bus 2
- Loudness 3
- Console 5
- Outer Pair Soft
- Low-Mids Only Hard
- Highs Only Fold
- Outer Pair Fuzz
- Even Harmonics 8
- Even Harmonics 16

05 Tips

Bass that cuts through: clean low band, Tube on the high mids.

Drum crunch: Fold on the high band at 20 % mix.

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\Tetra\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.

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
Input	-24.0 dB to +24.0 dB	0.0 dB
Output	-24.0 dB to +12.0 dB	0.0 dB
Mix	0 % to 100 %	100 %
Oversampling	Off · 2x · 4x	2x
Auto Gain	Off · On	On
Bypass	Off · On	Off

Crossover

CONTROL	RANGE / OPTIONS	DEFAULT
Crossover Low	40 Hz to 1.00 kHz	150 Hz
Crossover Mid	150 Hz to 5.00 kHz	800 Hz
Crossover High	800 Hz to 16.00 kHz	3.50 kHz

Low

CONTROL	RANGE / OPTIONS	DEFAULT
Low Drive	0.0 dB to +48.0 dB	+12.0 dB
Low Level	-36.0 dB to +12.0 dB	0.0 dB
Low Shape	Soft · Tube · Hard · Fold · Fuzz	Soft
Low Asymmetry	-100 to +100	0
Low Solo	Off · On	Off
Low Mute	Off · On	Off
Low Mid Drive	0.0 dB to +48.0 dB	+12.0 dB
Low Mid Level	-36.0 dB to +12.0 dB	0.0 dB
Low Mid Shape	Soft · Tube · Hard · Fold · Fuzz	Soft
Low Mid Asymmetry	-100 to +100	0
Low Mid Solo	Off · On	Off
Low Mid Mute	Off · On	Off

High

CONTROL	RANGE / OPTIONS	DEFAULT
High Mid Drive	0.0 dB to +48.0 dB	+12.0 dB
High Mid Level	-36.0 dB to +12.0 dB	0.0 dB
High Mid Shape	Soft · Tube · Hard · Fold · Fuzz	Soft
High Mid Asymmetry	-100 to +100	0
High Mid Solo	Off · On	Off
High Mid Mute	Off · On	Off
High Drive	0.0 dB to +48.0 dB	+12.0 dB
High Level	-36.0 dB to +12.0 dB	0.0 dB
High Shape	Soft · Tube · Hard · Fold · Fuzz	Soft
High Asymmetry	-100 to +100	0
High Solo	Off · On	Off
High Mute	Off · On	Off



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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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