ATOMIC LABS

EFFECT

QUASAR EQ

16-band dynamic EQ

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



USER MANUAL

VERSION 1.0 · 2026

01 About Quasar EQ

Quasar is a 16-band equalizer. Each band can be a bell, shelf, cut, notch, band-pass, tilt or all-pass filter with slopes up to 96 dB per octave, and can work on stereo, left, right, mid or side.

Every band can also be dynamic: it only cuts or boosts when the signal crosses a threshold, like a frequency-specific compressor. A real-time analyser shows the spectrum.

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

FACTORY PRESETS	CONTROLS	WINDOW	VERSION
300 + Init	212 automatable	Resizable	1.0

02 Quick start

1. Insert Quasar, switch a band on and set its Frequency, Gain and Q (you can also drag its point in the display).
2. Pick the band type and slope in the band panel.
3. Turn on Dynamic to tame harshness only when it appears.
4. Use Solo on a band to hear exactly what it affects.

INSTALLATION

Install

Copy the folder `Quasar.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 1-16

On, Type (Bell, Low Shelf, High Shelf, Low Cut, High Cut, Notch, Band Pass, Tilt Shelf, All Pass), Frequency, Gain, Q, Slope (6 to 96 dB), Stereo (Stereo, Left, Right, Mid, Side), Solo.

Dynamic

Dynamic on / off, Threshold, Dyn Range (how much it may move), Attack and Release.

Global

Gain Scale (scales all bands at once), Output, Auto Gain and Bypass.

04 Presets

Quasar EQ 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

- Vocal Presence
- Vocal De-Mud
- Rap Vocal Punch
- Backing Vocals Thin
- Male Vocal
- Vocal De-Ess Focus
- Kick Punch Bold
- Kick Sub Bold
- Snare Body Bold
- Overheads Air Bold
- Room Mics Bold
- Percussion Bright Bold
- Trap 808 Bold
- Bass DI Warm Bold
- Synth Bass Tight Bold
- Sub Focus Bold
- Acoustic Sparkle Bold
- Electric Crunch Bold
- Clean Guitar Shine Bold
- Metal Guitar Tight Bold
- Piano Warm Bold
- Pad Space Bold
- Pluck Snap Bold
- Organ Body Bold
- Brass Bite Bold
- Choir Air Bold
- Mix Glue Tilt Bold
- Mix Clarity Bold
- Club Mix Bold
- Master Polish Bold
- Master Low-End Control Bold
- Master Dark Tilt Bold
- M-S Wide Air Bold
- M-S Wide Mix
- Hum Remover 50 Hz
- Resonance Notcher

05 Tips

De-ess: dynamic bell at 6-8 kHz with a negative range.

Widen safely: high shelf boost on Side only.

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\Quasar\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
Gain Scale	-200 % to 200 %	100 %
Output	-24.0 dB to +24.0 dB	0.0 dB
Auto Gain	Off · On	Off
Bypass	Off · On	Off

Band 1–16

16 identical sets - Band 1 shown

CONTROL	RANGE / OPTIONS	DEFAULT
On	Off · On	Off
Type	Bell · Low Shelf · High Shelf · Low Cut · High Cut · Notch · Band Pass · Tilt Shelf · All Pass	Bell
Frequency	10 Hz to 30.0 kHz	60 Hz
Gain	-30.0 dB to +30.0 dB	0.0 dB
Q	0.03 to 40.00	1.00
Slope	6 dB · 12 dB · 18 dB · 24 dB · 36 dB · 48 dB · 72 dB · 96 dB	12 dB
Stereo	Stereo · Left · Right · Mid · Side	Stereo
Dynamic	Off · On	Off
Threshold	-60.0 dB to 0.0 dB	-24.0 dB
Dyn Range	-24.0 dB to +24.0 dB	-6.0 dB
Attack	0.1 ms to 200 ms	10 ms
Release	5.0 ms to 2000 ms	120 ms
Solo	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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