



METALAZER

VARIABLE FILTER / METALLIZER FX

[RACK EXTENSION]
MANUAL



FX device by Turn2on Software



Metalazer variable filter as metallizer effect transform ordinary audio into textured, metallic-sounding layers. The effect primarily works by combining filtering, modulation, and resonances that emphasize higher frequencies, giving sound a sharp, industrial edge. Producers found this effect particularly useful in electronic music genres, sound design, and creating futuristic soundscapes.

From atmospheric sweeps to aggressive, distorted tones, the **Metalazer** became a go-to tool for adding complex tonal variations, ideal for artists looking to push their sonic boundaries. Its unique way of manipulating audio signals has inspired the creation of new effect designs, pushing further the potential for both subtle enhancements and radical transformations of sound.

Metalazer offering an advanced toolkit for transforming your sound into a metallic, modulated audio landscape. Whether you're aiming for subtle tonal shifts or want to dive into wild, futuristic textures, **Metalazer** provides the flexibility and depth needed for creative sound manipulation.

This effect is designed to be both intuitive for beginners and powerful for seasoned sound designers, making it suitable for any genre or application. Whether you're creating sharp, cutting leads, atmospheric pads, or rhythmic effects, **Metalazer** gives you total control over your sound.

Try the **Metalazer** variable filter effect as part of your Reason Rack today.

Device inspired by the well-known metallizer effect

METALAZER



TONE FREQ COMB FILTER	Sets the fundamental frequency cutoff of the comb filter. Higher settings emphasize the metallic characteristics, while lower settings produce softer, smoother results
FDBK RESO COMB FILTER	Controls the feedback intensity of the comb filter, determining the sharpness and resonance of the filtered sound. Higher resonance values produce a more pronounced "ringing" metallic sound
POLARITY COMB FILTER	Switch between Positive and Negative polarity of the Comb filter. Flipping the polarity can result in phase cancellation or enhancement of certain frequencies, adding variety to the sound
SHARPNESS RESO BANDPASS FILTER	Controls the bandwidth of the bandpass filter. Higher sharpness values produce more focused, resonant peaks, while lower values broaden the frequency range for a smoother result
CENTRAL FREQ BANDPASS FILTER	Defines the center point of the frequencies that will pass through the filter. Adjusting this parameter allows you to focus the metallic effect on specific parts of the frequency spectrum
SPEED / RATE LFO	Adjusts the rate at which the LFO modulates the bandpass filter, from slow, evolving modulations to fast, tremolo- or distortion- and more metallizer-like effects. Internal LFO limited up to 100 kHz
SYNC LFO	Enables synchronization of the LFO rate with your project's tempo, providing rhythmic modulation
SYNC LED LFO	The LED shows the activity of the LFO cycles
MOD AMT LFO	Determines how much the LFO affects the bandpass filter frequency modulation
SMOOTH COMB / BANDPASS FILTER	Limit speed of cutoff changes for a smoother sound
DRY	Level of the dry (unprocessed) input signal before it goes to the Mix control
WET	Level of the wet (processed) signal before it goes to the Mix control
MIX	Blends the original dry signal with the wet, processed signal. Turn clockwise for a stronger processed sound, or counterclockwise to retain more of the original sound
ENABLE BYP/ON/OFF	BYPASS - disable effect ON - enable effect OFF - mute incoming signal
BYPASS	Soft Bypass with smoothed fade in/out functionality. LED light up when fx processing is disabled

HOW TO USE

For Subtle Enhancement: Use the comb filter with low feedback resonance and moderate tone frequency to add light texture to pads, vocals, or guitar tracks.

For Aggressive Sound Design: Maximize feedback resonance, central frequency, and modulation amount with a fast LFO rate to create metallic sweeps, glitched soundscapes, or alien textures.

For Rhythmic Modulation: Sync the LFO with your project's tempo and adjust the modulation amount to create evolving, rhythmic effects that match the beat of your track.

Internal LFO limited up to 100 kHz rate.

For more extreme metallic sound, use external LFO source "CNTRL FQ CV Input" like "Pulsar" with rate up to 1kHz.

Metalazer is your gateway to adding creative metallic textures and modulation to any sound. Whether you're designing futuristic soundscapes or adding rhythmic modulation to your mix, **Metalazer** offers a wide array of tools to sculpt your audio with precision. Dive in and explore the countless sonic possibilities!

REAR PANEL

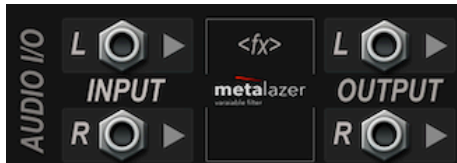


INTERNAL LFO LIMITED TO 100 Hz

For Extreme metallic sound use external LFO source at CNTRL FQ CV Input
(Like Pulsar with Rate up to 1 kHz)

AUDIO I/O

Mono or Stereo connections for audio signals.



CV INPUTS

Use these CV inputs to control the main parameters by external CV source curves



SIGNAL ROUTING

Spreading fx

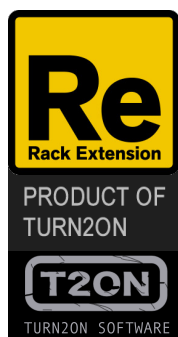




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Reason Studios Add-on Shop



Turn2on

Rack Extension Developer

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Thanks to all beta-testers



Thank you very much for supporting us by choosing our products.

This allows us to develop future interesting and creative effects / utilities / instruments in the Rack Extension format.

We try to keep prices as low as possible. Don't hesitate to contact support with any questions regarding our products or to offer your own ideas for product updates or even new products you would like developed.

