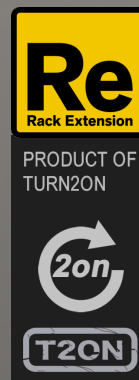




NSGate

NOISE GATE

[RACK EXTENSION]
MANUAL



FX device by Turn2on Software



A noise gate is an audio effect commonly used in recording studios and live performances to control unwanted background noise (like produces with high-gain guitar amps, huge value of distortion, overdrive and fuzz effects) or as example for ambient sounds. It helps to clean up the audio signal by eliminating or reducing the volume of quieter sounds below a set threshold level.

The primary function of a noise gate is to distinguish between wanted, and unwanted sounds based on their volume levels. When the input audio signal falls below the threshold, the gate closes, effectively muting or reducing the output volume. As soon as the input signal rises above the threshold, the gate opens, allowing the audio to pass through unaffected.

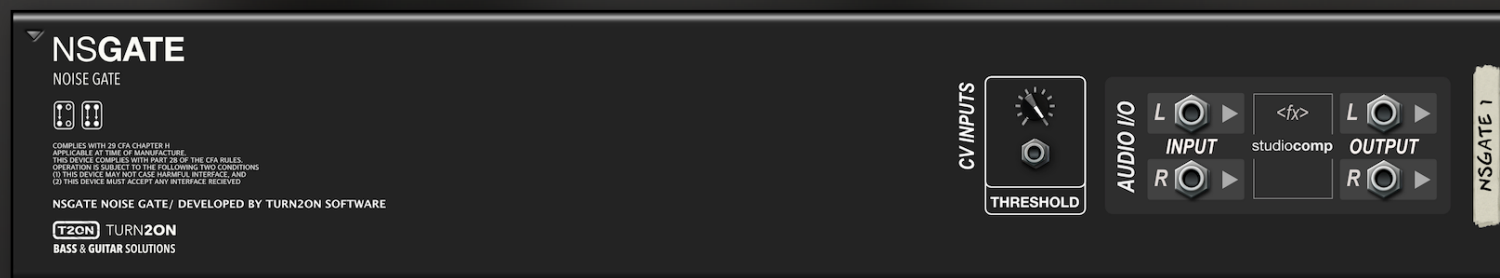
The noise gate effect is a valuable tool for audio

engineers and musicians for controlling unwanted noise and improve the quality of recorded or live audio performances.

The noise gate effect can also be creatively employed to shape the dynamics of a sound. By adjusting the threshold, attack, and release parameters, one can create the "pumping" effects often heard in electronic music genres.

NSGATE effect reproduce noise-gate effects, inspired by the two most known modern guitar pedals (MXR™ Noise Clamp and Darkglass™ NSG). **NSGATE** includes access to individual controls of the gate envelope (Attack, Hold, Release, Range) as Custom Settings, that can totally change the character of this noise-gate model's default values.

Try out **NSGATE** now as the most flexible noise-gate effect in your Reason Rack



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FRONT PANEL



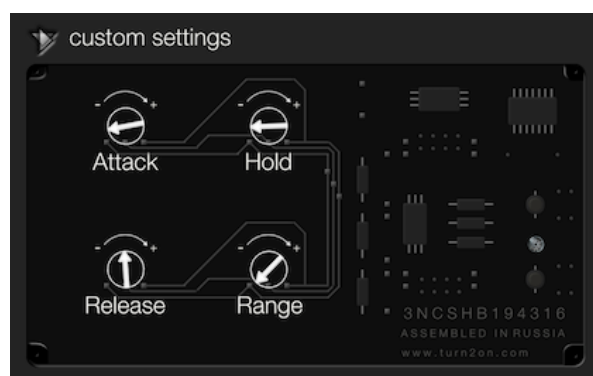
NAME	DESCRIPTION
MODEL	Switch between the two Noise Gate pedals variations: NOISE CLMP : Noise gate model, inspired by well-known MXR™ guitar noise gate pedal. NZG DARKGLZ (SOFT & HARD) : Noise gate model, inspired by modern well-known Darkglass™ NSG noise gate pedal
THRESHOLD	Controls the Threshold level of the noise gate effect. Adjust the level that causes the gate to open. Rotating the Threshold knob clockwise raises volume threshold for hard (more aggressive) gate effect, while rotating it counterclockwise lowers its volume threshold for soft gate effect. - NOISE CLMP THRESHOLD : Threshold range reducing noise from 0 up to 26 dB. - NZG DARKGLZ SOFT THRESHOLD : Threshold range reducing noise from -60 to -30 dB. - NZG DARKGLZ HARD THRESHOLD : Threshold range reducing noise from -30 to 0 dB.
CUSTOM SETTINGS	Open access to custom controls of noise gate effect, that also changes the envelope of the default pedal models. User can set individual values of these parameters (Attack, Hold, Release, Range) to make the own envelope of the noise gate effect.
ACTIVE FX	Switches the effect between Active and Soft-Bypass modes. Variation of effect bypass with fade in and fade out that excludes loud peaks when you enable or disable the effect

CUSTOM SETTINGS

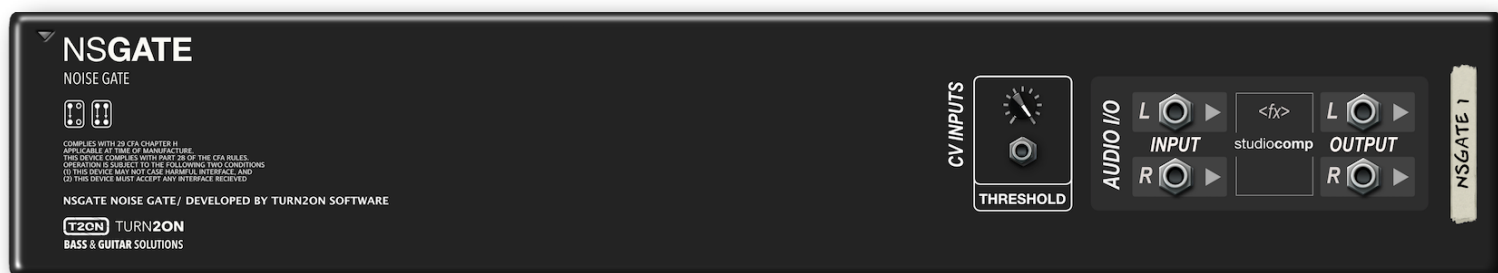
NAME	DESCRIPTION
ATTACK	Sets time the noise gate takes to open
HOLD	Sets time the noise gate will stay open for
RELEASE	Sets time the noise gate takes to close
RANGE	Adjust the attenuation when the noise gate is closed

These parameters are available when Custom Settings are active. Envelope parameters change the standard nature of noise-gate models.

When Custom Settings are not active, the envelope parameters have static values from the original devices.

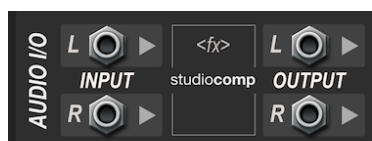


REAR PANEL



THRESHOLD
CV INPUT

AUDIO
INPUT/OUTPUT

**AUDIO INPUT/OUTPUT:**

Mono or Stereo connections for audio signals.

**CV INPUTS**

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

**SIGNAL ROUTING ICONS**

This is a true stereo device



NSGATE

NOISE GATE

 Reason Studios Add-on Shop



Turn2on

Rack Extension Developer

contacts: <https://turn2on.com/>
support@turn2on.com

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.***



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