NUGEN Audio

SigMod

Custom signal architecture made easy

Instantly enhance the functionality of your plug-ins and DAW with twelve different signal modification units. Explore new creative possibilities and quickly add missing features. Each module can easily be inserted, swapped and moved around making new options to correct, convert or tweak your audio.

SigMod contains many useful, creative functions which are otherwise difficult to engage. Combine these single-process modules in any order to design the precise routing you require. Auto-resizing keeps the signal flow and functionality clear at all times.

Insert

Host any VST2, VST3 or AU plug-in anywhere within your signal chain. Enhance the functionality of your plug-ins and enable multiple new applications. A dual mono option allows for independent processing of two parallel channels, turbo-charging your existing plug-in collection with new creative possibility.

Mute/Solo

The Mute/Solo control can be used for quickly auditioning either side of a stereo signal, or in conjunction with the Mid/Side module, to monitor the mid and side signals independently.

Protect

Place this safety module on your master bus to protect your equipment and hearing from sudden noise bursts. The Protect module mutes your signal the moment it hits a user-specified dB limit, helping you to avoid nasty surprises.

DC Offset

Automatically detect bias and manually offset incoming audio.

Phase

Phase inversion allows you to monitor the phase relationship between your left and right channels, particularly useful for checking the polarity of dual microphone setups.

Crossover

Split your signal at a specified frequency to apply different effects to these different frequency ranges - great for avoiding muddying up the low frequencies or getting creative with automation and sweep effects.

Mid/Side

Add mid/side functionality to classic stereo compressor and EQ emulations, or get creative with mid/side delays, distortion and other effects by inserting the mid/side encoder/decoder either side of any plug-in.

Tap

Allows audio to be duplicated to a second track for parallel processing or monitor routing. Multiple Tap units may be used to quickly set up complex routing and overcome limited DAW sidechain or send bus capabilities.

Switch

One-click switching of channel components (L/R to R/L and M/S to S/M).

Mono

Switch your signal from stereo or mid/side to mono in one click. Useful for checking mono compatibility of a mix, FX plug-in or synth and phase coherence within dual mic set-ups.

Trim

Add a gain offset to each channel component. This module can be used to correct minor imaging errors or modify the stereo image by adjusting the ratio of Mid to Side components.

Delay

The Delay module adds the ability to delay signal components independently. Useful for minimising phase issues and plug-in delay compensation errors.