



PHASETOOL

Phase Invertor Mixtool

[RACK EXTENSION] v. 1.0

MANUAL

2019

FX device by Turn2on Software



Introducing a new Mixtool utility for Reason.

PhaseTool includes few fundamental basic controls.

POLARITY - A phase-inversion selector. Usually it is used for phase-cancellation. Included are 4 modes (Off, Stereo L+R phase inversion, Only Left and Only Right phase inversion)

SWAP CHANNELS

Swap Left and Right channel inputs

BALANCE Control - Balance of Left and Right input channels

STEREO WIDTH

Converts Stereo signal to Mono (0%) or adds Extra Widening effect to Stereo signal (up to 150%).

Work only on stereo signals.

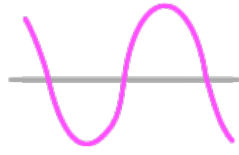
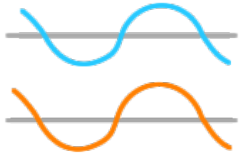
Small but useful helper utility to save you time.

Try PhaseTool Mixtool in your Reason rack today!

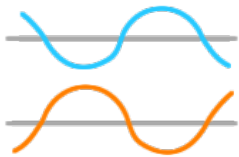


INVERT YOUR SIGNAL

A phase inversion is a swap of positive and negative poles of the original signal.



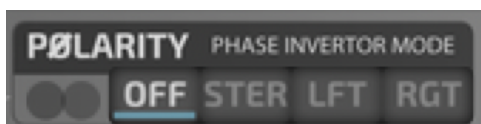
Few signals In-Phase



Out Of Phase (180 degrees)

Phase Cancellation happens when you record with multiple microphones and their phases are cancelling each other out.

You should use a phase inverter when you visually notice that one signal is cancelling out the other. Inverting one of the channels should solve the issue.



POLARITY (Phase Invertor Mode)

Invert the phase of one, or both channels

MAIN MODE

OFF	Phase Inversion disabled
STEREO L+R	Phase Inversion of Left and Right input channels (if you connect only one input, phase inversion work only for that input)
ONLY LEFT	Phase Inversion of only the Left channel
ONLY RIGHT	Phase Inversion of only the Right channel



Bypass/On/Off

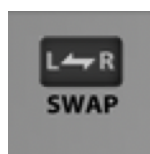
Reason standard fader to Bypass/Enable/Disable connected sound source to device.

SOFT Bypass - Bypass with fade in/out effect (without clicks)



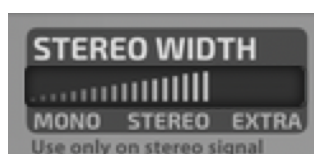
BALANCE

Controls the Balance of Left and Right input channels (-100 L / 0 Mid / +100 Right) Move the right channel left, or the left channel right



SWAP CHANNELS

Swap the Left and Right channel inputs



STEREO WIDTH

Adjusts the stereo width using M/S matrix. Convert Stereo signal to Mono (0%), set Stereo Signal to default (100%) and add Extra Widening effect to Stereo signal (up to 150%)

Has NO effect on mono signal!



GAIN

Controls Output level of signal with up to +12 dB Gain

BACK



AUDIO INPUT

Mono or Stereo connections for input of your audio signals.



AUDIO OUTPUT

Mono or Stereo connections for output signals



CV INPUTS

Use these CV inputs to control main parameters



CONNECTIONS:

Device is a True-Stereo effect. For Stereo input, device processes the signal as Dual mono.

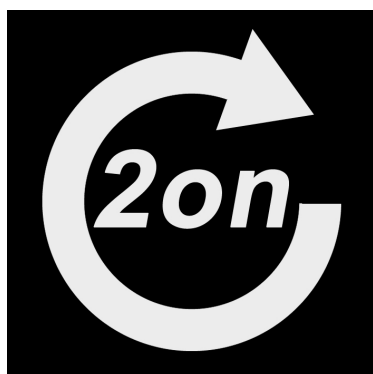
Left and Right channels are processed independently of each other.

You can connect various L/R sources and use PhaseTool for them independently. Or just connect one stereo instrument (L/R processed in parallel mode).



PhaseTool

Phase Invertor Mixtool



Turn2on

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Special thanks to all beta-testers