



SMALL STORM

PHASE SHIFTER

[RACK EXTENSION]
MANUAL



FX device by Turn2on Software



SmallStorm effect is inspired by the classic analog warmth of the SmallStone® pedal effect from EHX™, produced in the '70s.

SmallStorm phase shifter effect combines original and new features for enhanced control and flexibility in your audio production.

This is a 4-pole phase shifter, known for its smooth and lush phase-shifting sound. Its distinctive swooshing tones provide you with a classic and sought-after effect for achieving rich modulation.

With the added convenience of digital processing, we've incorporated new features to enhance your sonic possibilities.

The LFO **Sync** feature allows you to synchronize the modulation rate to your project's tempo. This ensures that the phasing effect stays in sync with the rhythm of your music, providing rhythmic precision and creative possibilities.

Control the intensity of the phasing effect with the effect **Depth** parameter. From subtle modulation to more pronounced sweeps, tailor the depth to suit your musical context.

The **Spread** control widens the stereo image of the phaser, creating a more expansive and immersive

sound. Experiment with different Spread settings to add dimension to your tracks.

The **Boost** feature adds a touch of gain to the signal, allowing you to boost the phaser effect for added presence and impact. Use it to cut through the mix or for creating dynamic tonal shifts.

Find the perfect balance between the dry and signals with the **Mix** control. From subtle background modulation to intense phasing, dial in the right blend for your desired effect.

Explore enhanced modulation control with the **LFO Phase L/R Offset** feature. This parameter allows you to adjust the phase relationship between the left and right channels. By offsetting the LFO phase, you can achieve interesting stereo imaging effects and create a more spatially dynamic phasing experience.

Try the **SmallStorm** phase shifter effect as part of your Reason Rack today.

We hope **SmallStone** inspires creativity and enhances your musical journey. Enjoy the rich, swirling tones that pay homage to the legendary and modified modern phaser.

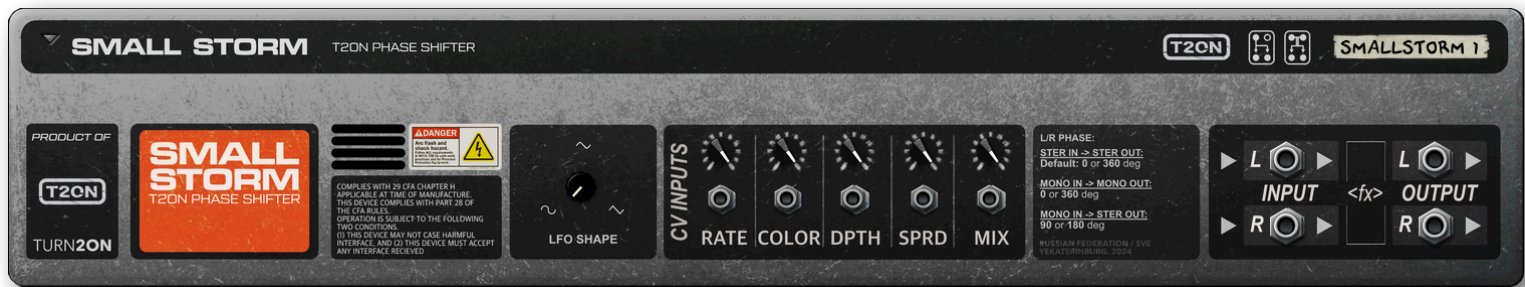
Device inspired by the legendary Phase Shifter effect from '70s

SMALLSTORM



SYNC	Synchronize the Rate to tempo. Switch rate control between cycles per second and synced speed to tempo value (quarter-note beats)
RATE	Adjusts the speed of the phasing sweep (modulation rate)
STATUS LED	Light up at the end of the every LFO modulation cycle. When incoming signal is not active, fx processing is stop and LED visualization of the LFO position is stop.
COLOR	Changes the sound of the phase shift between a full phase shift to a more pronounced phase shift, adding resonant peaks between the notches.
COLOR CUT	Reduce phase shift processing at selected low frequencies.
DEPTH	Control the depth of the phasing effect. Higher settings produce more pronounced modulation, while lower settings yield subtler results.
SPREAD	Adjust the stereo spread to widen the phaser's spatial presence. Offset between L/R channels
BOOST	Engage the Boost feature to add gain to the phaser effect, enhancing its presence and impact.
MIX	Mix between the Dry (incoming) and Wet (processed) signals
INPUT	Level of the dry (unprocessed) input signal before it goes to the Mix control
LP FILT	Lowpass Filter (12 db/oct): Cut High frequencies
HP FILT	Highpass Filter (12 db/oct): Cut Low frequencies
LFO PHASE L/R OFFSET	Control the LFO phase offset between the L/R channels to fine-tune the stereo phasing fx. STEREO IN -> STEREO OUT: 0 or 360 degrees MONO IN -> MONO OUT: 0 or 360 degrees MONO IN -> STEREO OUT: 90 or 180 degrees Adjusting the LFO Phase L/R Offset can result in unique stereo widening effects, emphasizing the stereo field and allowing you to sculpt the phaser's spatial characteristics to fit the demands of your mix
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

REAR PANEL



LFO WAVE SHAPE

Adjust the LFO from a sine to a triangle waveform. In old, classic analog phasers, it was challenging to emulate a clean sine LFO waveform (ideal for sound). Some phasers use a triangle or a tri/sine-modified waveform for the LFO

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



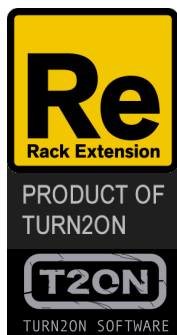
Control the phase offset between the L/R channels' modulation to fine-tune the stereo phasing fx.
STEREO IN -> STEREO OUT: 0 or 360 degrees
MONO IN -> MONO OUT: 0 or 360 degrees
MONO IN -> STEREO OUT: 90 or 180 degrees



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PHASE SHIFTER

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.



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