CUSTOM VIBE
CUSTOM MULTI MODE VIBRATO
[RACK EXTENSION]
MANUAL
2019

FX device by Turn2on Software

CUSTOM VIBE *is a modern variation of a classical organ and guitar effect, and one of the most unique effects ever created. The original Uni-Vibe (TM) pedal was designed in 1968 by a Japanese company.*
The main idea was to recreate the Doppler effect, or the sound of a rotating speaker, but the result turned out to be a different sound. The circuit used was a phaser that the industry created later on, which was based on photo-cells. Later, many companies built their own versions of the Uni-Vibe (TM) effect based on phasers, delays, and choruses modulations in various proportions and sizes. Later the industry created additional deeper Phaser effects. In classical Uni-Vibe (TM) effect it's not really a chorus though – modern chorus pedals use delays to create what we now call a chorus sound, its more Vibrato sound.

We present here a new effect to Reason Rack Extension called CustomVibe. We are not just emulating the original pedal, but we try to add some modern variations of modulations to create a more interesting and modern effect.

CustomVibe includes known Chorus/Vibe modes, while adding some additional modulation variants to the device:

- Delay modulation
- Voice Pitch-Layered modulation
- Phase-shift modulation
- some Hybrid variants of this modulations

The device also includes Custom Wave modulation. This is a 12-step matrix for drawing your own waveforms of Vibe modulation.
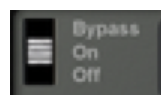
The CustomVibe rack extension includes:

- Chorus and Vibrato effects
- Vibrato, including 8 modes - one of which is a 12 step custom wave mode
- WIDENING control of the stereo signal
- WOBBLE OSCILLATE, which adds some "Wobble" colours to the Vibe effect

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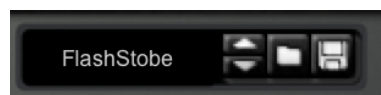**Try today with a free 30-day trial at**

BYPASS - disable effect
ON - enable effect
OFF - mute incoming signal

MAIN

PATCH BROWSER - open up to 60+ included patches, save your own patches with this window and buttons

SPEED/INTENSITY

PARAMETERS	
SPEED	Adjust Vibrato speed
INTENSITY	Adjust intensity of the vibrato effect
WIDENING	Stereo widening for the incoming signal
WOBLLE OSC	Oscillate the vibrato waveform for more "Wobble" effect

CHOR / VIBRATO MODES

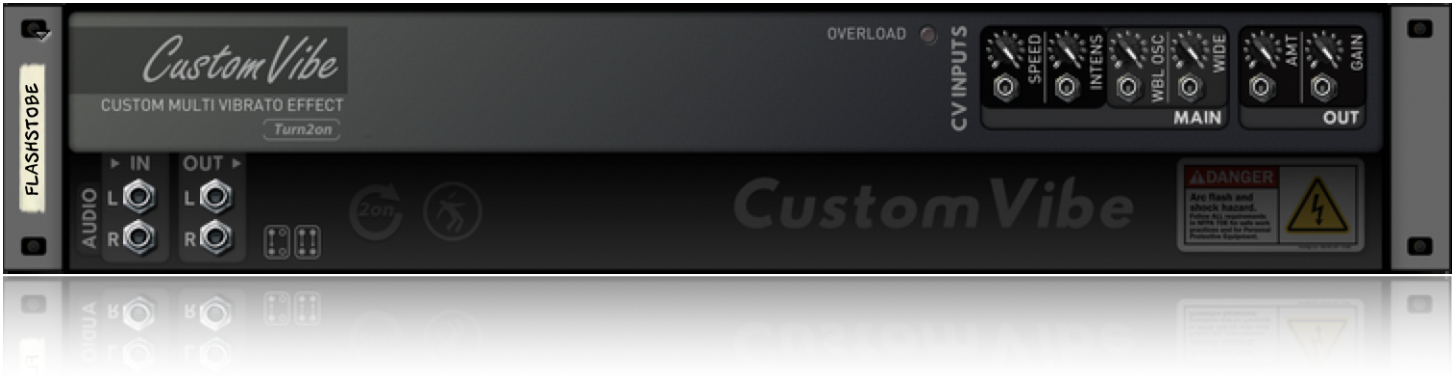| VIBRATO PARAMETERS		
CHOR / VIBRATO	Select active effect type: Chorus or Vibrato. The original Uni-Vibe Chorus effect is a fragmented solution, later known as mutated to Phaser effect. It's not the same. If you select Vibrato, you also select Vibrato types.	
CHORUS MIX	Mix level for Chorus (active only for Chorus type)	
VIBRATO TYPE	VIBE	Well known classic phase-shift guitar/organ effect "VIBE", known as UniVibe (TM)
	MODULATED	Delay-Modulated Vibe effect
	COPYMOD	Voice Pitch-Layered Modulated Vibe effect
	TRIMOD	Hybrid of Phase-shift modulation with Voice Pitch-Layered Modulation Vibe effect
	JETMOD	Hybrid of Phase-shift Modulation with Delay-Modulation Vibe effect
	DOPPLERMOD	Hybrid of Voice Pitch-Layered Modulation with Phase-shift modulation Vibe effect
	FLATMOD	Hybrid of Delay-Modulation with Phase-shift Modulation Vibe effect
	CUSTOM WAVE	Draw custom Vibe waveform with 12 steps

ADDITIONAL

PARAMETERS

CUSTOM WAVE	Draw custom Vibe waveform with 12 steps if Vibrato Custom Wave mode is selected
AMOUNT	Dry/Wet proportion for incoming / processed signal
GAIN	Amp Gain level up to +12dB
SOFT BYPASS	Soft bypass variant

BACK SIDE PANEL

AUDIO INPUT/OUTPUT

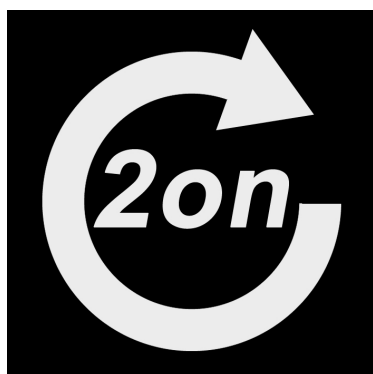|	
INPUT	Mono or Stereo connections for audio signal input
OUTPUT	Mono or Stereo connections for audio signal output
OVERCLIP	Overclipping indicator
ROUTING ICONS	True stereo: If a mono signal is connected with one cable to L input, it is routed to the L output as a mono channel. If a stereo signal connected with 2 cables (L/R), it is routed to the L/R channels as stereo channels

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

CUSTOMVIBE
Custom Multi Mode Vibrato

Turn2on

Rack Extension Developer

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Special thanks to all beta-testers