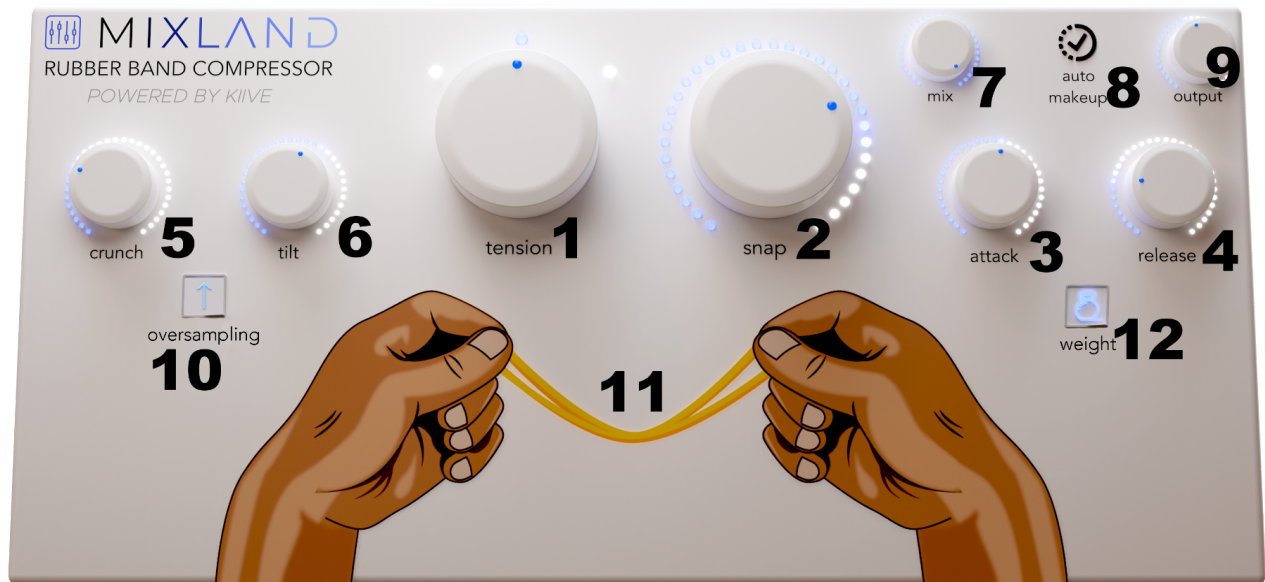




MIXLAND

RUBBER BAND COMPRESSOR

USER MANUAL



THANK YOU for purchasing the "Rubber Band Compressor", *the most flexible compressor ever made!*

This bizarre and innovative new VCA-style audio compressor simulates the compression effects and physical response of pushing audio signal into a theoretical rubber band (with exponential, dual-stage resistance). The signal pushes into the rubber band and then snaps back aggressively based on the tension, timing, and amount chosen by the user. The user interface features adjustable hands that can pull the rubber band tighter or looser into 3 different tension positions, and the rubber band represents gain reduction as it swoops, wiggles, pushes, and pulls downward according to the amount of SNAP applied. The resulting sounds range from bouncy to snappy, transparent to pumpky and explosive!

Features

- 1) **TENSION** - This parameter controls the hand distance, changing the tension of the rubber band. There are three fixed positions: *loose, medium, and tight*. Tighter tension = snappier sound; Looser tension = bouncier sound.
- 2) **SNAP** - This essentially controls how much signal you choose to drive into the rubber band. Think of this as a glorified *input* knob that pushes signal into a fixed threshold of the compressor.

- 3) **ATTACK** - Exactly as it sounds.. Turn this baby up for more attack! Technically speaking, this parameter controls the speed of which the rubber band begins to compress the audio. The attack ranges from speedy fast response (50uS with the knob all the way to the left at 'zero') to slow (30ms with the knob turned up all the way to the right)
- 4) **RELEASE** - This controls how quickly you want the rubber band to revert back to its stationary position after it has compressed the signal. The speed ranges from .5sec (knob all the way down to the left) to 3.5 seconds (knob turned all the way up to the right).
- 5) **CRUNCH** - This is a drive knob based on a meticulously-modelled Class A preamp circuit. Turn this bad boy up if you want some extra analog warmth, grit, and hair (*this is pre-compressor*).
- 6) **TILT** - A one-stop, one-knob EQ solution to brighten or darken your sound! Based on a beloved tube circuit, this EQ features gorgeous high and low shelves at really practical, usable frequencies for any instrument source (*this is pre-compressor*).
- 7) **MIX** - Wet/Dry Blend/Mix knob. Mix is 100% wet/processed with the knob turned all the way up to the right, and at 0% with the knob all the way down to the left.
- 8) **AUTO MAKEUP** - With this box checked, the plugin will automatically attenuate and regulate the output level of the plugin. With this unchecked, the unit will behave like a classic compressor, reigniting the need to trim the output after making adjustments to 'SNAP' and other parameters (*When engaged, this bypasses the 'Output' parameter*).
- 9) **OUTPUT** - Controls the overall output level of the plugin (*This becomes bypassed when 'Auto Makeup' is engaged*).
- 10) **OVERSAMPLING** - Choose 2x or 4x oversampling modes to convert the audio to a higher sample rate for smoother processing. This removes nasty artifacts like *aliasing* within the signal.
- 11) **RUBBER BAND (METER)** - This is the glorious visual representation of the gain reduction happening from the compression of your signal!
- 12) **WEIGHT** - Engaging this button inserts a high-pass filter into the detection circuit of the compressor, allowing more lows to pass through.

Please send any and all feedback, concerns, complaints, comments, and fanmail to:
mixlandaudio@gmail.com