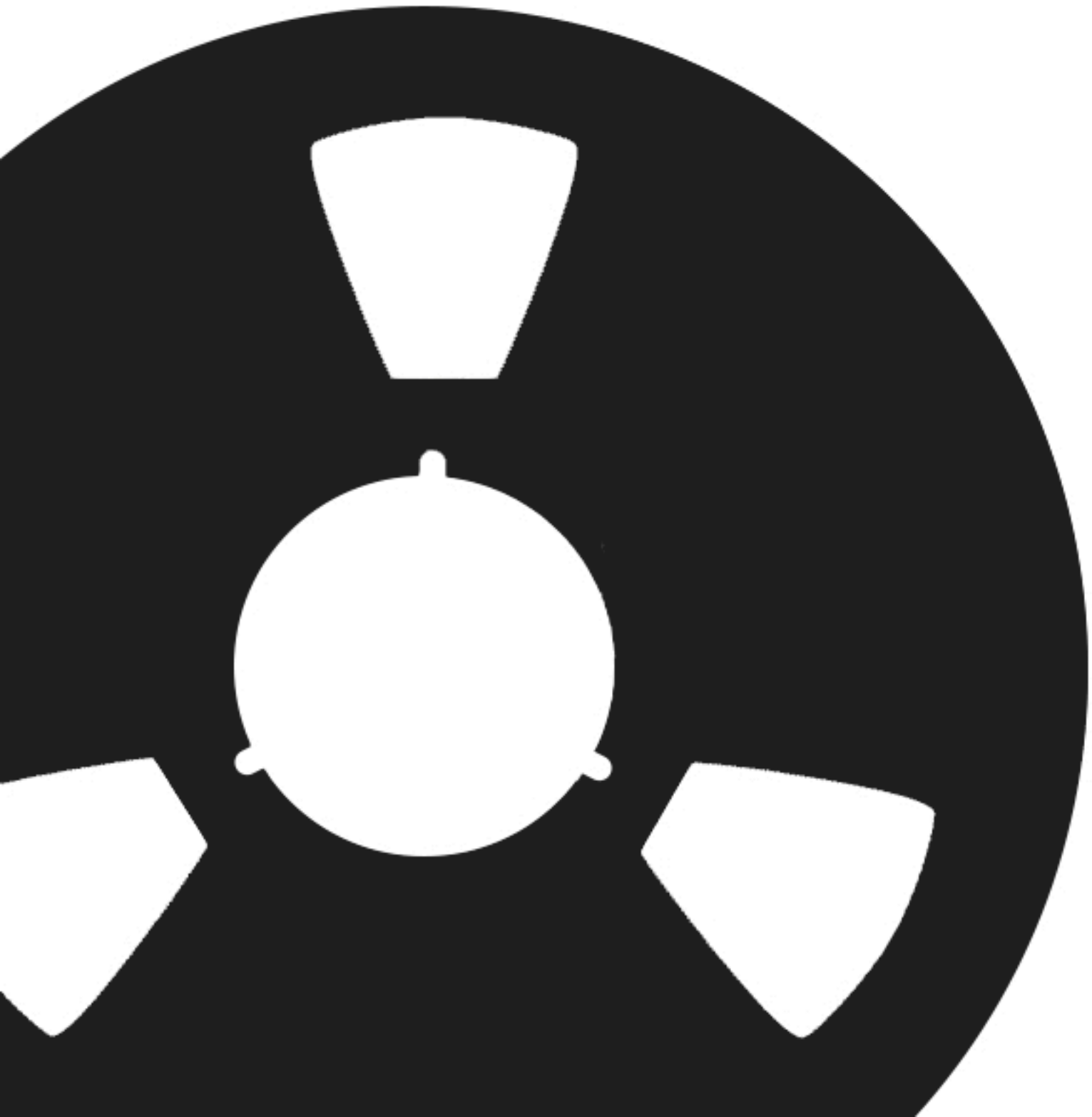
USER MANUAL

TAPE BENDER



The Tape Bender is not a clean delay. It has character. It's an echo machine powered by a very special JFET circuit. Inside the Tape Bender there is a modified version of the famous Echoplex EP3 preamp. Used by many harmonica players to add low mids and some "mojo" to the sound. Also, the Wow and Flutter knobs can create interesting sounds. They are designed to mimic the mechanic alterations to the sound that a tape machine imparts on the sounds. Paired with the tone Tone knob, you can use the Tape Bender as a nice Hi Fi tape delay, or you can turn it into a Lo Fi machine.

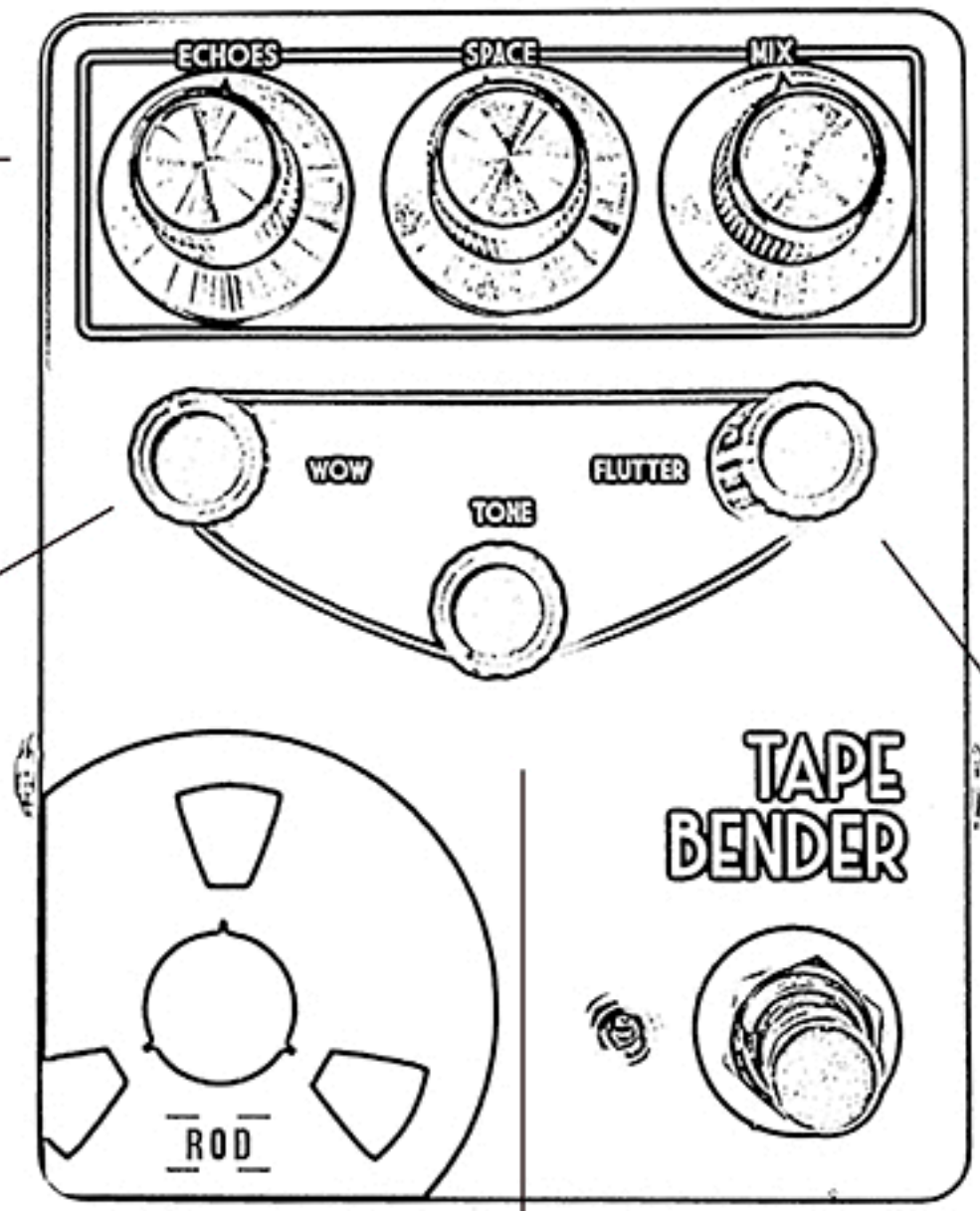
When connecting your microphone to the input of the pedal, your signal goes straight into the EP3 preamp, then it goes into a buffer that duplicate the signal. One goes straight to the output and the other goes into the digital delay circuit. So, your original tone remains analog all the way through the signal (this is what is referred to as "analog signal path") and only the echoes are digital. Your tone is completely preserved.

CONTROLS

DC input: The Tape Bender uses a 9v center negative power supply.

Space: the time between repeats. More time give you the sensation of a bigger space. The maximum time for the repeats is 500ms.

Echoes: Number of repeats.



Mix: the volume of the repeats. If you set this knob to zero (all the way down), then you are only getting the sound of the modified EP3. So, the Tape Bender can be uses just as a preamp.

Wow: controls the depth of the modulation.

Flutter: controls the speed of the modulation.

Tone: this knobs affect the high frequencies of the delay part, it doesn't affect your original tone, only the repeats. To the right it will give you a more Hi Fi kind of sound, but of you turn it to the left, the echoes will become darker, giving you a lovely analog like repeats.

SWITCH: the Tape Bender is True Bypass.

All pedals have a full 5-year warranty. The warranty applies to the pedal, not the original buyer, so even if you got the pedal used you can still aply to it.

The warranty covers any malfunction of the mechanical parts and the circuit. The repair is free, you only have to pay the associated shipping costs.

The full warranty is void if the pedal has been modified in any way, or if it has suffered direct damage due to user negligence (spilled beer, for example).

HARP

ROD

EFFECTS

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