



TONEBENDER MK2 TYPE FUZZ

User Documentation

Thank you for buying a RedDotSound. My pedals are pretty simple and don't need too much explanation. However to get the best from them its best to read through this and consider some of its quirks.

Power Supply

9vdc 2.1mm centre negative. For consistent results, use a TRANSFORMER ISOLATED power supply. Not using this type of supply will open up the possibility of noise and whine, especially from a treble booster like the LuxMaster.

Best Application

Vintage Fuzz style pedals have some quirks that you may not find with other pedals. Obviously, this is very subjective as anything goes when it comes to guitar tones. However, I would recommend trying the following first to give you a benchmark.

1. Amp settings - Edge of natural breakup will get the best out of this fuzz and if you can get loud you'll get lots of musical feedback as the note blooms during its sustain. Start with the pedals level control at about 9 o'clock, which is roughly unity, this will give you the clearest version of the fuzz. As you push your amp with more level from the pedal the character will change and become more saturated depending on your amp and settings.

2. Use the pedal first in your active signal chain (it needs to be the first pedal that's switched on in your chain). It likes a direct connection to your pickups and will function best like this, by all means try it out in other positions but this is the optimal set up.

Bias Control

This is where the fun stuff is at - Fully counter clockwise gives you the most headroom and volume with a dynamic and open response. This is where the guitar volume clean-up is at its best, low mids are most prominent here as well. As you turn the control clockwise, the signal becomes more compressed and saturated. Volume will also drop, so adjust volume to taste, high mids will start to increase and the tone will become more raspy and focused. Past about 2 o'clock the signal will start to become more spitty and stop start.

MK1 voice - SweetSpot - To find the point where the transistors are 'closed' until you play the string, simply mute the strings and slowly turn the bias control until the background just noise cuts out. The moment you hit the strings the fuzz will burst forth! This is a tonal hallmark of the MK1 and its derivatives.

This is my own version of the MK2 ToneBender circuit, Tonebender is a registered trademark of Solasound LTD and Macaris of London and I use the term purely to give clear description of the tonal qualities. No other similarity is implied or intended. If you want a real one they still make them and they are %*&!%"ing awesome.

That's pretty much it! if you do have any questions, feel free to email me at reeveselectro@gmail.com. Once again thanks for your custom, and get on the fuzz and enjoy!

Markus



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