

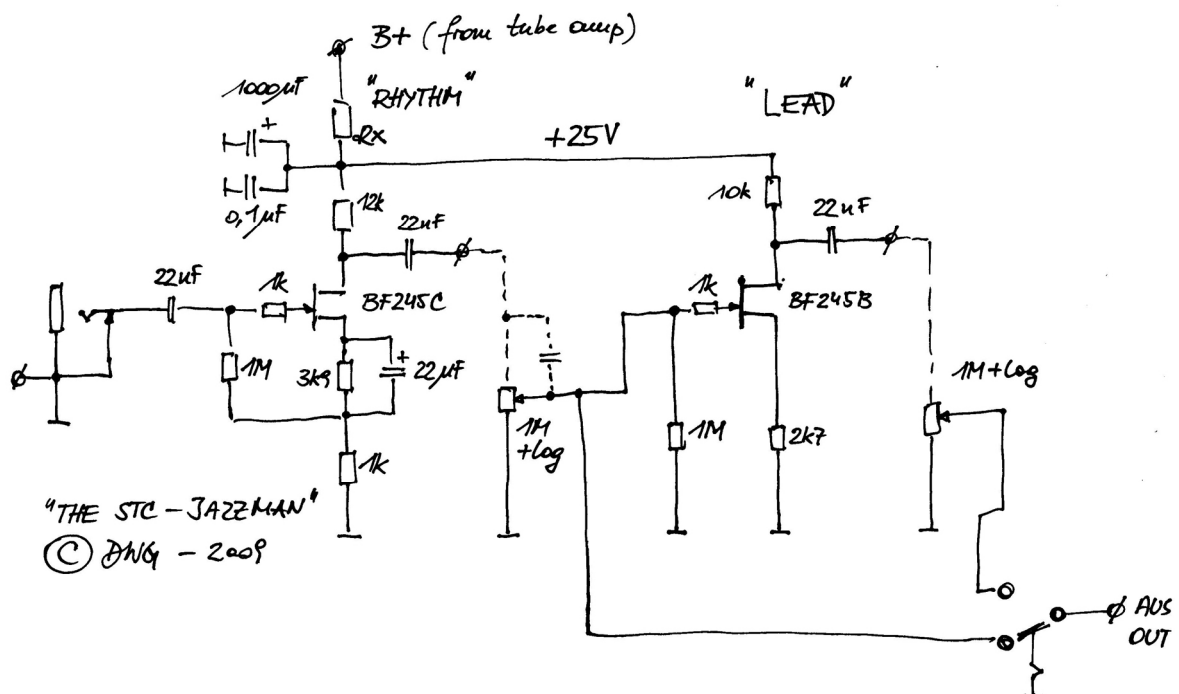
The STC-Jazzman

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Please read the chapter about the "STC-Bluesman" first!

This little circuit is intended to push a tube amp into slight to medium and more distortion. It is designed in a way, that it can add harmonics by itself. The coloring of the sound will come from overdriving the second JFET as well as from overdriving the first tube stage. It does not change the color of the sound, it only adds harmonics. So the sound of the combination guitar/amp will stay the way you know it and want it. Because there is no overall feedback, no harmonics of your guitar will be cancelled. Most of the coloring will come from k2 (first harmonic wave with twice the frequency of the basic wave), so the sound will be colored in a pure and sweet way. Most jazz guitarists love this sound of an overdriven V1.

Have a look at the schematic:



There are two main opportunities to use the circuit:

1. As the previously mentioned BLUESMAN with variable drive
2. With the extra lead section

About sound:

The harmonic content of the lead section can be adjusted by the drive pot (1M+log) as well as by the guitar volume. The output pot adjusts the value V1 in the tube-amp is overdriven. By changing from one to the other you can define your lead sound only by tipping the foot switch.

Overdriven JFETs sound very similar to overdriven triodes. Maybe the sound is a little brighter and crisper than from a 12AX7, so you could change from one sound to the other.

If you have questions, please contact me at support@tubeclinic.com.